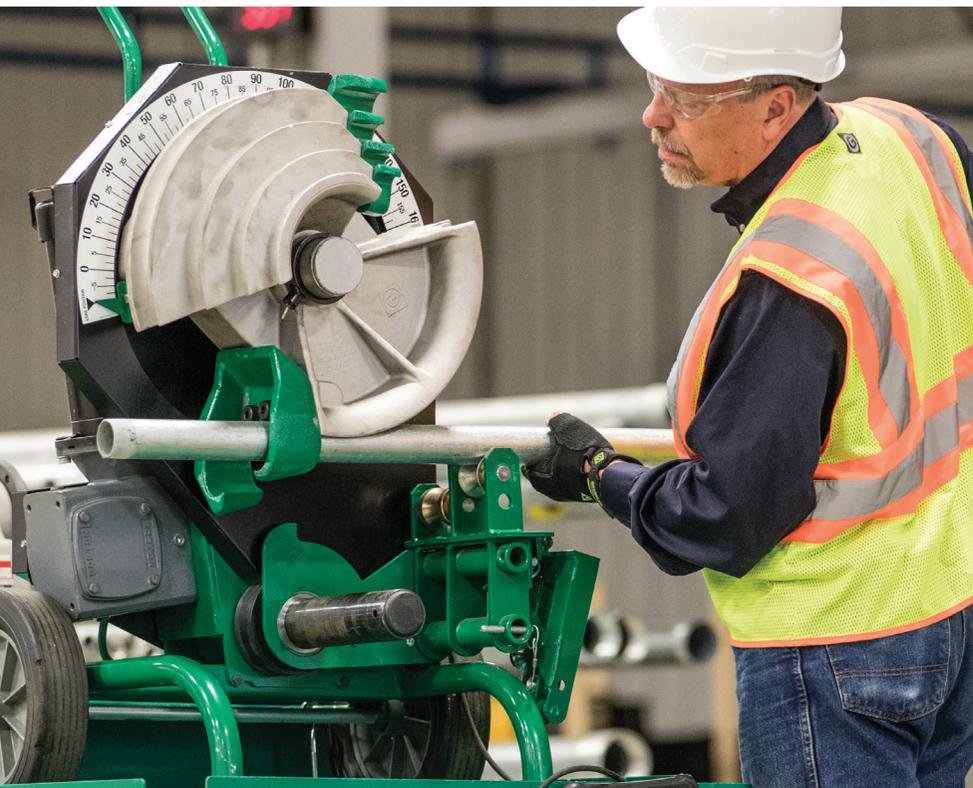




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//// //// //// //// //// Full Line Catalog //// //// //// //// ////





# Building the Future, Developing our Communities and Leaving a Legacy



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## ERGOLAB<sup>®</sup>

by Greenlee<sup>®</sup>

The ErgoLab is Greenlee's in-house, industry leading, ergonomics testing lab. The Greenlee ErgoLab studies how professionals use tools, how tasks can be done more efficiently and helps provide recommendations on new Greenlee tool innovations and designs.

Ergonomics is the study of humans interacting with their work. It looks at how changing tools and workspaces to match the users helps improve productivity, decrease injuries and ultimately save companies time and money.



### EK628LX Gator<sup>®</sup> 6-Ton Crimper

- Rated best overall 6-ton crimper in study conducted by Iowa State University ATHENA Labs
- Improved grip, reach and balance to help decrease muscle strain
- 350° rotating head enables more comfortable postures that can decrease wrist strain



### LS100X Intelli-PUNCH<sup>™</sup>

- 360° rotating head allows for increased punching comfort at any angle
- Ergonomically designed grip makes tool easier and more comfortable to hold
- Lightest, most powerful battery powered hydraulic knockout driver with 11-tons of force



### GTSD-1930 Saber™ Cable Stripper

- Helps eliminates injury causing repetitive motions of the forearm
- Designed to work with an electric drill, decreasing muscle effort compared to manual operation
- 70% faster than a manual stripper assisting with greater worker productivity



### EK50ML Micro Crimper

- 90% reduction in hand force compared to a manual crimper, which can help reduce risk of carpal tunnel
- Lowers the risk of operator fatigue with 76% less total muscle effort used compared with a manual crimping tool



### K-09 SYNCRO™ Crimper

- Up to 35% less muscle effort than the competition
- Locking, extendable handles with four length positions provide increased maneuverability and leverage
- The handle design and grips more effectively transmit arm force to the tool, making it easier and more comfortable to use



### 864QR PVC Cutter

- Easier cutting with up to 69% less force compared to the competitive models
- Slip-proof, ergonomically molded grips allow for increased comfort and reduced fatigue



### G6 Turbo™ 6,000 LB Cable Puller

- Ergonomic design helps eliminate heavy lifting during setup and encourages proper operator posture during cable pull
- Pulling speed allows for faster pulls limiting time spent in static postures
- Well balanced tool makes transport easier



### 6810 Ultra Cable Feeder™

- Pulls the cable from the reel reducing risk of operator back strains and injuries
- Easy set up allowing for one-person operation improving productivity



### WK100 Workhorse™ All-In-One Bending & Threading Workstation

- Positions Greenlee benders at ergonomically advantageous heights to improve operator posture
- Workstation's handle height reduces time spent in postures that contribute to lower back strain while moving the unit
- Forklift pockets allow for easy transportation between sites, helping eliminate need to manually lift equipment



### 881-MBT Mobile Bending Table

- Improves operator posture by bringing work to a user's power zone
- Makes lifting, moving and storing accessories and parts safer



## MOBILE DEMO VEHICLES & PROFESSIONAL TOOL SPECIALISTS

### FREE PROFESSIONAL TOOL SPECIALIST DEMONSTRATIONS

Professional Tool Specialists (PTS) conduct hands-on active product demonstrations, safety enhancement presentations and consumer product trials. With Greenlee's wide variety of innovative products and solutions, the PTS can demonstrate how to get the most out of your tools and improve your productivity. Request an on-site demonstration with no obligation to buy.

**Request a demo at [Greenlee.com/demo](https://www.greenlee.com/demo)**

## PROFESSIONAL TOOLS FOR THE INDUSTRIES' TOUGHEST CHALLENGES

With unparalleled reliability and expertise from RIDGID, Klauke and Greenlee, Emerson's global professional tools business offers the broadest selection of durable, trusted products for tradespeople in the demanding commercial, industrial and energy markets.



## FACTORY SERVICE CENTER

### EXPERT ASSISTANCE FOR EVERY QUESTION AND NEED

The Greenlee Factory Service Center is located at the headquarters in Rockford, IL, and is a team of experienced repair specialists dedicated to performing fast and efficient repairs, which gets the tools back in your hands quickly. Greenlee's dedication to service our customers allows you to focus on the job!

#### OUR SERVICES INCLUDE:

- Maintenance & repairs
- Complete teardown & inspection
- Full performance testing
- Damage prevention
- Training & education

#### SATISFACTIONS & ASSURANCE:

- Use of all original Greenlee authorized repair parts
- Coverage of warranty repairs at no cost to the customer
- Immediate access to manufacturing, quality, & engineering
- Guarantee workmanship of repair parts & labor for 30 days

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# HAND TOOLS

Greenlee's extensive line of professional-grade hand tools and premium tool bags are essential for everyday use. Backed by a lifetime limited warranty, our hand tools offer comfort and multi-functionality that make your job easier and more productive.

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## Hand Tools – Available Grip Styles

### AVAILABLE GRIP STYLES

Molded		<ul style="list-style-type: none"> <li>Slip-proof, ergonomic molded grips and flared handles for increased comfort and reduced fatigue</li> <li>Location of handle ridge allows the user to “choke up” for greater control</li> </ul>
Dipped		<ul style="list-style-type: none"> <li>Double-layered vinyl handles for comfort and slip resistance</li> <li>Reduced handle size allows for easy storage of tools in pouches and tool bags</li> </ul>

## PLIERS



### High-Leverage Pliers

- High-leverage design provides greater cutting and gripping power than standard plier designs
- Forged from chrome vanadium steel for greater strength and long life
- Laser hardened cutting knives keep edge and lasts longer than induction hardened knives
- Designed to provide long life even when cutting hardened wire, ACSR, screws, bolts and nails
- Tempered handles help to absorb the 'snap' and reduce fatigue when cutting through hardened wire, bolts and screws
- Meets ASME/ANSI specifications

### High-Leverage Side-Cutting Pliers

- Diamond serrated jaws for superior gripping power



0151-09SM

#### MOLDED GRIP

CAT. NO.	UPC NO.	DESCRIPTION	OVERALL LENGTH
0151-08M	783310547013	8" High-Leverage Side-Cutting Pliers	8-1/2" (21.6 cm)
0151-09M	783310547020	9" High-Leverage Side-Cutting Pliers	9-3/8" (23.8 cm)
0151-09CM	783310134886	9" Crimping Pliers	9-3/8" (23.8 cm)
0151-09SM	783310892649	9" High-Leverage Side-Cutting Pliers w/Stripping Hole	9-3/8" (23.8 cm)



0151-08D

#### DIPPED GRIP

CAT. NO.	UPC NO.	DESCRIPTION	OVERALL LENGTH
<b>N</b> 0151-09HD	783310083788	9" High-Leverage Pliers with Toothed Pipe Grip	9" (22.8 cm)
0151-08D	783310892632	8" High-Leverage Side-Cutting Pliers	8-1/2" (21.6 cm)
0151-09D	783310892502	9" High-Leverage Side-Cutting Pliers	9-3/8" (23.8 cm)
0151-09CD	783310134879	9" Crimping Pliers	9-3/8" (23.8 cm)
0151-09FD	783310892625	9" Fish Tape Pulling Pliers	9-3/8" (23.8 cm)

# HAND TOOLS

## Diagonal Cutting Pliers

- Diagonal jaw provides easy operation in hard to reach areas
- Angled head design allows for easy work in confined areas



0251-08M



Angled Head Pliers (0251-08AM and 0251-08AD)

### MOLDED GRIP

CAT. NO.	UPC NO.	DESCRIPTION	OVERALL LENGTH
0251-06M	783310547372	6" Diagonal Cutting Pliers	6-1/8" (15.5 cm)
0251-07M	783310547389	7" High-Leverage Diagonal Cutting Pliers	7" (17.8 cm)
0251-08M	783310547396	8" High-Leverage Diagonal Cutting Pliers	8-3/4" (22.2 cm)
0251-08AM	783310547402	8" High-Leverage Diagonal Cutting Pliers, Angled Head	8-3/4" (22.2 cm)



0251-08AD

### DIPPED GRIP

CAT. NO.	UPC NO.	DESCRIPTION	OVERALL LENGTH
0251-06D	783310892564	6" Diagonal Cutting Pliers	6-1/8" (15.5 cm)
0251-08D	783310892540	8" High-Leverage Diagonal Cutting Pliers	8-3/4" (22.2 cm)
0251-08AD	783310892588	8" High-Leverage Diagonal Cutting Pliers, Angled Head	8-3/4" (22.2 cm)



## Long Nose Side-Cutting & Stripping Pliers

- Forged from chrome vanadium steel for greater strength and long life
- Laser hardened cutting edge lasts longer than induction hardened edge
- Designed to provide long life even when cutting hardened wire
- Serrated jaws for stronger gripping power
- Stripping hole allows for stronger stripping of #12 AWG solid wire (0351-08SM and 0351-08SD)
- Meets ASME/ANSI specifications



### MOLDED GRIP PLIERS

CAT. NO.	UPC NO.	DESCRIPTION	OVERALL LENGTH
0351-06M	783310547174	6" Long Nose Pliers/Side-Cutting	6-5/8" (16.8 cm)
0351-08M	783310547198	8" Long Nose Pliers/Side-Cutting	8-9/16" (21.7 cm)
0351-08SM	783310209584	8" Long Nose Pliers/Stripping	8-9/16" (21.7 cm)



### DIPPED GRIP PLIERS

CAT. NO.	UPC NO.	DESCRIPTION	OVERALL LENGTH
0351-07D	783310892526	7" Long Nose Pliers/Side-Cutting	7-1/8" (18.1 cm)
0351-08SD	783310209577	8" Long Nose Pliers/Stripping	8-9/16" (21.7 cm)



# WATER PUMP PLIERS

MAXIMUM GRIP. QUICK JAW-ADJUSTMENTS.

**NEW**



**Push-Button Design**

Provides quick and easy jaw adjustments

**Multi-Functional**

Multi-purpose jaws for strong grip on round, flat, square or hex materials

**Rhombus-Shaped Jaw**

With opposing offset teeth ensure maximum grip on rounded material



0451-10WD

**Precision Jaw Adjustment**

Quickly and easily adapt to a wide range of sizes



**Water Pump Plier Set**

Available in sizes 8", 10", 12" and a 3-piece set



**SPECIFICATIONS**

	8" WATER PUMP PLIERS	10" WATER PUMP PLIERS	12" WATER PUMP PLIERS
Overall Length (in)	8.09	10.02	12.23
Exposed Plier Length (in)	3.493	4.331	5.277
Handle Length (in)	4.597	5.689	6.953
Handle Width (in)	1.99	2.29	2.29
Handle Thickness (in)	0.567	0.567	0.567
Grip Type	Double-Dipped Vinyl	Double-Dipped Vinyl	Double-Dipped Vinyl

	CAT. NO.	UPC NO.	DESCRIPTION
<b>N</b>	0451-08WD	783310083849	8" Push Button Water Pump Pliers
<b>N</b>	0451-10WD	783310083856	10" Push Button Water Pump Pliers
<b>N</b>	0451-12WD	783310083863	12" Push Button Water Pump Pliers
<b>N</b>	0451-01WD	783310085980	Water Pump Plier Set (8", 10", 12")



## Pump Pliers

- Forged from chrome vanadium steel for greater strength and longer life of the whole tool
- Precision-machined and hardened teeth for durability and long life
- Right-angled teeth for assured gripping power from both directions
- Meets ASME/ANSI specifications



0451-10M

### SPECIFICATIONS

	0451-10M	0451-12M
Jaw Capacity	2" (5.1 cm)	2-1/4" (5.7 cm)
Adjustment Grooves	7	7
Overall Length	10" (25.4 cm)	12" (30.5 cm)

### MOLDED GRIP PLIERS

CAT. NO.	UPC NO.	DESCRIPTION
0451-10M	783310547099	10" Pump Pliers
0451-12M	783310547440	12" Pump Pliers



0451-16D

### SPECIFICATIONS

	0451-10D	0451-12D	0451-16D
Jaw Capacity	2" (5.1 cm)	2-1/4" (5.7 cm)	4-1/4" (10.8 cm)
Adjustment Grooves	7	7	8
Overall Length	10" (25.4 cm)	12" (30.5 cm)	16" (40.6 cm)

### DIPPED GRIP PLIERS

CAT. NO.	UPC NO.	DESCRIPTION
0451-10D	783310892595	10" Pump Pliers
0451-12D	783310892601	12" Pump Pliers
0451-16D	783310547075	16" Pump Pliers

## WIRE STRIPPING TOOLS



### Wire Strippers

- Cutlery grade stainless steel prevents wear and corrosion to provide 5x longer life
- Pliers grab, form and bend wires
- Precision-ground strippers engineered for clean, easy insulation removal
- Double-layered vinyl handles for comfort and slip resistance



1950-SS



1955-SS



1956-SS

### Stainless Steel Wire Stripper/Cutter/Crimper

- Bolt threaders clean threads after shearing
- Professional, multi-function tool includes a crimper, looper, non-obstructive lock mechanism, spring return, and high grade shears

CAT. NO.	UPC NO.	DESCRIPTION	SOLID STRIP	STRANDED STRIP	BOLT SHEAR	CRIMP
1950-SS	783310022411	Pro Stainless Wire Stripper / Cutter / Crimper	10-18	12-20	6-32, 8-32	16-10
1955-SS	783310013617	Pro Stainless Wire Stripper / Cutter / Crimper (Curve)	10-18	12-20	6-32, 8-33	16-10
1956-SS	783310022428	Pro Stainless Wire Stripper / Cutter / Crimper (Curve)	6-14	8-16	6-32, 8-34	16-10



1916-SS



1917-SS

### Stainless Steel Wire Stripper/Cutter

- Multi-function tool includes a looper, non-obstructive lock mechanism, spring return, and high grade shears

CAT. NO.	UPC NO.	DESCRIPTION	SOLID STRIP	STRANDED STRIP
1916-SS	783310013594	Stainless Wire Stripper / Cutter	10-20	12-22
1917-SS	783310013600	Stainless Wire Stripper / Cutter	16-26	18-28



1927-SS

## Stainless Steel Stripper/Crimper

- Multi-functional, professional grade
- Cutlery grade stainless steel prevents wear and corrosion to provide 5x longer life
- Multiple bolt shears and crimpers for a wide range of tests
- Bolt threaders clean threads after shearing
- Precision-ground strippers engineered for clean, easy insulation removal
- Comfort grips are double molded, lightweight and easy to grab
- Includes a looper, non-obstructive lock mechanism, spring return, and high grade knives

CAT. NO.	UPC NO.	DESCRIPTION	SOLID STRIP	STRANDED STRIP	BOLT SHEAR	CRIMP
1927-SS	783310022435	Pro Stainless Combination Tool w/Spring	8-18	10-20	4-40 to 10-24	Multiple



1923A

## Crimping/Stripping Combination Tool

- Easily strip both solid and stranded wires, crimp terminals, cut screws and wire
- Precision-ground blades ensure consistent stripping and cutting
- Double-dipped grips for superior comfort and assured grip
- Heat-treated for strength with black oxide finish for rust resistance
- Cleanly cuts and strips 10-22 AWG wire
- 2 wire cutters: middle cuts copper, tip cuts hardened wire
- Cleanly cuts #4-40, #6-32 and #8-32, #10-24, #10-32 screws
- Crimps 10-22 AWG insulated and non-insulated terminals, splices and lugs
- Splices and terminates 7 mm and 8 mm ignition terminals

CAT. NO.	UPC NO.	DESCRIPTION	CAP. AWG	
			SOLID	STRANDED
1923A	783310000846	Crimping/Stripping Combination Tool	8-18	10-22



1935

## Automatic Wire Stripper

- Production grade wire stripper strips insulation from most smaller gauge wires
- Strips up to 7/8" (22.2 mm) length
- Strips PVC and THHN insulation
- For use with solid and stranded wire

CAT. NO.	UPC NO.	DESCRIPTION	CAP. AWG
1935	783310376002	Automatic Wire Stripper	10-22 solid and stranded

## HAND TOOLS



45000

### Kwik Stripper® Wire Stripper

- Strips and cuts flat and round cable
- Self-adjusts to most wire gauges
- Laminated steel blades helps minimize the risk of nicking conductors
- Front entry jaws have an adjustable strip length guide
- Lightweight reinforced nylon is chemical and corrosion resistant

CAT. NO.	UPC NO.	DESCRIPTION	CAP. AWG
45000	783310450009	Kwik Stripper Wire Stripper	10-34 solid and stranded
<b>R</b> 20243	783310202431	Blade Cassette	



0252-11



### NM Cable Ripper

- Slits outer jacket of Romex® 10/2, 12/2, 14/2 and other non-metallic (NM) sheathed cable
- Wire gauge on handle for identifying #6 to #14 AWG
- Corrosion-resistant zinc plating
- Side-entry design for end or mid-run slitting of jacket

CAT. NO.	UPC NO.	DESCRIPTION	OVERALL LENGTH
0252-11	783310563006	NM Cable Ripper	3-5/8" (9.2 cm)

### MC 1" Flexible Cable/Conduit Cutter

- Use with AC and MC Cable up to 1" outside diameter
- Thumb screw allows for easy adjustment for cable sizes up to 1"
- Cuts in seconds with a few quick turns of the crank and an easy twist of the armor
- Will not nick inner conductors
- Convenient under-handle blade storage holds spare blades
- Quick load clamp system makes repeat cuts fast and easy



0952-01

CAT. NO.	UPC NO.	DESCRIPTION
0952-01	783310020721	Cutter, Cable MC
<b>R</b> 1941-1	783310002888	Single Replacement Blade
<b>R</b> 1941-5	783310337355	5 Pack Replacement Blades

**NOTES:** See pages 319 – 321 for additional wire and cable stripping tools. See pages 299 – 317 for additional crimping tools.

# SCREWDRIVERS



0153-02C



0153-01C



0153-03C

## Screwdriver Sets

- Heavy-duty construction for longer life
- Handle marked for easy identification of screwdriver size, type and length
- Precision-machined tips for accurate fastener contact
- Strong, durable black phosphate tips prevent chipping of plating
- High-grade, rust resistant, chrome-plated finish
- Cushion grip handle for extra comfort and torque

## 7-Piece Screwdriver Set

- Set includes:
  - 3/16" x 4" Cabinet
  - 3/16" x 6" Cabinet
  - 1/4" x 4" Keystone
  - 1/4" x 4" Cabinet
  - 5/16" x 6" Keystone
  - #1 x 3" Phillips
  - #2 x 4" Phillips

CAT. NO.	UPC NO.	DESCRIPTION
0153-02C	783310546610	7-Piece Screwdriver Set

## 5-Piece Screwdriver Set

- Set includes:
  - 3/16" x 6" Cabinet
  - 1/4" x 4" Keystone
  - 1/4" x 6" Cabinet
  - 5/16" x 6" Keystone
  - #2 x 4" Phillips

CAT. NO.	UPC NO.	DESCRIPTION
0153-01C	783310563037	5-Piece Screwdriver Set

## Mini Screwdriver Set

- Set includes:
  - #0 Phillips
  - 1/16" Keystone
  - 3/32" Cabinet
  - 1/8" Cabinet

CAT. NO.	UPC NO.	DESCRIPTION
0153-03C	783310134381	4-Piece Mini Screwdriver Set (Round Shank)

## HAND TOOLS



0153-14C

### Heavy-Duty Keystone Tip Screwdrivers

- Square shank allows use of wrench or pliers for added torque
- Handle marked for easy identification of screwdriver size, type and length
- Rugged keystone tip for additional strength
- Precision-machined tips for accurate fastener contact
- Strong, durable black-phosphate tips prevent chipping of plating
- Cushion grip handle for extra comfort and torque
- Meets ASME/ANSI specifications

CAT. NO.	UPC NO.	DESCRIPTION
0153-11C	783310546443	Square Shank 1/4" x 4" Flat Blade Screwdriver
0153-12C	783310546450	Square Shank 1/4" x 6" Flat Blade Screwdriver
0153-13C	783310546467	Square Shank 1/4" x 8" Flat Blade Screwdriver
0153-14C	783310546474	Square Shank 1/4" x 10" Flat Blade Screwdriver
0153-15C	783310563044	Square Shank 5/16" x 6" Flat Blade Screwdriver
0153-16C	783310563051	Square Shank 3/8" x 8" Flat Blade Screwdriver



0153-21C

### Cabinet Tip Screwdrivers

- Narrow cabinet tip for limited access applications
- Handle marked for easy identification of screwdriver size, type and length
- Precision-machined tips for accurate fastener contact
- Strong, durable black-phosphate tips prevent chipping of plating
- Cushion grip handle for extra comfort and torque
- Meets ASME/ANSI specifications

CAT. NO.	UPC NO.	DESCRIPTION
0153-21C	783310546528	Round Shank 3/16" x 4" Flat Blade Screwdriver
0153-22C	783310546535	Round Shank 3/16" x 6" Flat Blade Screwdriver
0153-23C	783310546542	Round Shank 3/16" x 8" Flat Blade Screwdriver
0153-24C	783310546559	Round Shank 3/16" x 10" Flat Blade Screwdriver
0153-25C	783310546498	Round Shank 1/4" x 4" Flat Blade Screwdriver
0153-26C	783310546504	Round Shank 1/4" x 6" Flat Blade Screwdriver
0153-27C	783310546511	Round Shank 1/4" x 8" Flat Blade Screwdriver



0153-33C

## Heavy-Duty Phillips Tip Screwdriver

- Precision-machined tips for exact fit
- Handle marked for easy identification of screwdriver size, type and length
- Strong, durable black-phosphate tips prevent chipping of plating
- Cushion grip handle for extra comfort and torque
- Meets ASME/ANSI specifications

CAT. NO.	UPC NO.	DESCRIPTION
0153-31C	783310546566	Heavy-Duty Phillips Tip #1 x 3" Screwdriver
0153-33C	783310546580	Heavy-Duty Phillips Tip #2 x 4" Screwdriver
0153-34C	783310546597	Heavy-Duty Phillips Tip #2 x 6" Screwdriver
0153-35C	783310546603	Heavy-Duty Phillips Tip #3 x 6" Screwdriver
0153-36C	783310892137	Heavy-Duty Phillips Tip #2 x 10" Screwdriver



0453-15C

## Screw-Holding Screwdrivers

- Fine screw-holding device, available for either slotted or Phillips screws
- Easily holds screw in place when installing in hard-to-reach locations
- Precision tip for accurate fastener fit
- Heavy-duty construction for longer life
- Cushion grip handle for extra comfort and torque
- Handle marked for easy identification of screwdriver size and type
- Meets ASME/ANSI specification

CAT. NO.	UPC NO.	DESCRIPTION
0453-12C	783310563129	Screw-holding Screwdriver 1/8" x 5"
0453-14C	783310563143	Screw-holding Screwdriver 3/16" x 6"
0453-15C	783310563150	Screw-holding Screwdriver 1/4" x 7"
0453-16C	783310563167	Screw-holding Screwdriver Phillips Tip #0 x 5"
0453-17C	783310563174	Screw-holding Screwdriver Phillips Tip #1 x 5"
0453-18C	783310563181	Screw-holding Screwdriver Phillips Tip #2 x 7"



0353-01C

## Square-Recess Tip Drivers

- Precision tip for accurate fastener fit
- Handle marked and color coded for easy identification of screwdriver size and type
- Heavy-duty construction for longer life
- High-grade, rust-resistant, chrome-plated finish
- Cushion grip handle for extra comfort and torque
- Meets ASME/ANSI specifications

CAT. NO.	UPC NO.	DESCRIPTION
0353-01C	783310546955	4-Piece Square-Recess Tip Driver Set, Contains - #0 x 4", #1 x 4", #2 x 4", & #3 x 4"
0353-11C	783310546887	Square-Recess Tip Driver - #0 x 4"
0353-12C	783310546894	Square-Recess Tip Driver - #1 x 4"
0353-13C	783310546917	Square-Recess Tip Driver - #2 x 4"
0353-14C	783310546931	Square-Recess Tip Driver - #3 x 4"
0353-21C	783310546528	Square-Recess Tip Driver - #0 x 8"
0353-22C	783310892151	Square-Recess Tip Driver - #1 x 8"
0353-23C	783310892168	Square-Recess Tip Driver - #2 x 8"
0353-24C	783310892175	Square-Recess Tip Driver - #3 x 8"



0153-32C

0153-28C

## Stubby Screwdriver

- Precision-machined tips for exact fit
- Handle marked for easy identification of screwdriver size, type and length
- Strong, durable black-phosphate tips prevent chipping of plating
- Cushion grip handle for extra comfort and torque
- Meets ASME/ANSI specifications

CAT. NO.	UPC NO.	DESCRIPTION
0153-04C	783310134916	Stubby 2-Piece Screwdriver Set
0153-28C	783310546481	Round Shank 1/4" x 1-1/2" Flat Blade Screwdriver
0153-32C	783310546573	Heavy-Duty Phillips Tip #2 x 1-1/2" Screwdriver

## SPECIALTY DRIVERS



9753-11C

### Conduit Reaming Screwdriver

- Deburs ID and OD of 1/2", 3/4" and 1" thin wall conduit
- Handle marked for easy identification
- Hardened blade for longer life
- Hooded, flat tip driver used to fasten EMT fittings
- Cushion grip handle for extra comfort and torque
- Replaceable blade

CAT. NO.	UPC NO.	DESCRIPTION
9753-11C	783310546962	Conduit Reaming Screwdriver



9753-12C

### Scratch Awl

- Integrated steel endcap for durability and long life
- Heavy-duty construction for piercing and scribing
- High-grade, rust-resistant, chrome-plated finish
- Cushion grip handle for extra comfort and torque

CAT. NO.	UPC NO.	DESCRIPTION
9753-12C	783310546979	Scratch Awl 3"



9753-13C

### Bottle Opener

- Heavy-duty construction to handle any size job
- High-grade, stainless steel for repeated use
- Cushion grip handle for extra comfort and torque
- Handle marked for easy identification

CAT. NO.	UPC NO.	DESCRIPTION
9753-13C	783310892496	Bottle Opener

# ADJUSTABLE TORQUE DRIVER

MAXIMIZED ACCURACY. INCREASED PROTECTION.

**NEW**



**Major Graduation Display**

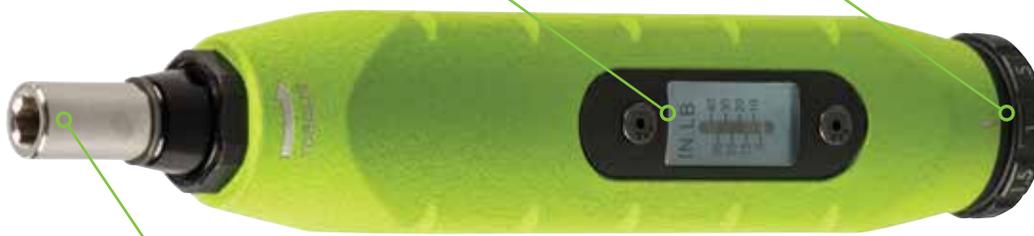
Torque range: 5-40 in lb

**Adjustable Knob**

Easily set torque value

**Calibrated**

Within tolerance according to: ASME B107.300-2010 (certificate included)



0153-46T

1/4" female hex drive magnetically holds bits and sockets

**Accuracy**

- Ensures connections are tightened to the correct torque rating, eliminating the need for guesswork

**Compliance**

- Sufficiently tightens connections to comply with new 2017 National Electric Code (110.14D)
- Helps prevent fires and other hazards caused by improperly torqued connections

**Protection**

- Durable, compact case provides optimal tool protection

**Case**

- EVA foam-molded case provides increased cushioning, resilience, and durability while keeping contents inside secure
- Bit sizes are printed inside the case for easy identification and selection



**SPECIFICATIONS**

<b>Torque Range</b>	5-40 in lb	
<b>Overall Length</b>	6 3/4"	
<b>Shank Length</b>	11/16"	
<b>Handle Length</b>	6"	
<b>Bits</b>	Phillips #1 x 6" Phillips #2 x 6" Flat 3/16" x 6" Flat 1/4" x 6" Square #1 x 6" Square #2 x 6"	Phillips #1 x 3 1/2" Phillips #2 x 3 1/2" Flat 3/16" x 3 1/2" Flat 1/4" x 3 1/2" Square #1 x 3 1/2" Square #2 x 3 1/2"
<b>Sockets:</b>	Nut Driver 3/16"-6" Nut Driver 1/4"-6" Nut Driver 5/16"-6" Nut Driver 11/32"-6"	Nut Driver 3/8"-6" Nut Driver 7/16"-6" Nut Driver 1/2"-6"

CAT. NO.	UPC NO.	DESCRIPTION
<b>N</b> 0153-46T	783310083603	Torque Screwdriver & Bit Set
<b>N</b> <b>R</b> 9953-46T	783310083597	Replacement Bit Kit
<b>N</b> <b>R</b> 0153-46CASE	783310090694	Case, Replacement Torque Screwdriver



# 11-IN-1 MULTI-DRIVER

## MULTI-FUNCTIONAL SCREWDRIVER & NUTDRIVER

**NEW**



Bits are quickly and easily swapped out



Bits are stored inside the shank



0153-47C



Square Recess #1 & #2



Phillips #2 & Slotted 1/4"



Torx® #10 & #15



Phillips #1 & Slotted 3/16"



1/4" Nutdrivers

### SPECIFICATIONS

Overall Length	7.94"	
Shank Length	1.97"	
Handle Length	4.92"	
Bits	Phillips #1 Flat 3/16" Square #1 Phillips #1 Torx #10	Phillips #2 Flat 1/4" Square #2 Phillips #2 Torx #15
Sockets	Nut Driver 1/4" Nut Driver 5/16" Nut Driver 3/8"	

CAT. NO.	UPC NO.	DESCRIPTION
0153-47C	783310083634	Multi-Tool, 11-in-1
9953-20	783310083641	Bit Set, Replacement

# HAND TOOLS



0153-42C

## 6-In-1 Multi-Tool

- Versatile multi-bit screwdriver with six tools in one
- Precision-machined, hardened steel bits
- High-grade, rust-resistant, chrome-plated finish
- Cushion grip handle for extra comfort and torque
- Contains:
  - 3/16" & 1/4" Flat-Tip
  - #1 & #2 Phillips and 5/16 & 1/4" Hex
  - #1 & #2 Phillips

CAT. NO.	UPC NO.	DESCRIPTION
0153-42C	783310563082	6-In-1 Multi-tool
<b>R</b> 9953-13	783310563105	Replacement Bits



# MAGNETIC TIP NUT DRIVERS

## STRONGER HOLD FOR EASIER OPERATION

**NEW**



Rare earth magnetic tips for a strong hold on nuts and bolts



0253-01MAG



0253-11MAG

Hollow shafts on the tool provide easy installation and removal of nuts on long studs



Color-coded handles and labeled shafts for easy part identification

Available in seven individual sizes and a set

### SPECIFICATIONS

<b>Overall Length</b>	7.94"	
<b>Shank Length</b>	1.97"	
<b>Handle Length</b>	4.92"	
<b>Sockets</b>	Nut Driver 3/16" Nut Driver 5/16" Nut Driver 3/8" Nut Driver 1/2"	Nut Driver 1/4" Nut Driver 11/32" Nut Driver 7/16"

CAT. NO.	UPC NO.	DESCRIPTION
<b>N</b> 0253-01MAG	783310083375	7-Piece Nut Driver Set
<b>N</b> 0253-11MAG	783310083306	Nutdriver, Magnetic, 3/16" x 3"
<b>N</b> 0253-12MAG	783310083313	Nutdriver, Magnetic, 1/4" x 3"
<b>N</b> 0253-13MAG	783310083320	Nutdriver, Magnetic, 5/16" x 3"
<b>N</b> 0253-14MAG	783310083337	Nutdriver, Magnetic, 11/32" x 3"
<b>N</b> 0253-15MAG	783310083344	Nutdriver, Magnetic, 3/8" x 3"
<b>N</b> 0253-16MAG	783310083351	Nutdriver, Magnetic, 7/16" x 3"
<b>N</b> 0253-17MAG	783310083368	Nutdriver, Magnetic, 1/2" x 3"

## NUT DRIVERS



0253-01C

### Heavy-Duty Nut Drivers

- Rugged hollow shaft for screw clearance
- Heavy-duty construction for longer life
- Handle and shaft marked for easy identification of nut driver size
- Precision 6-point sockets for accurate fastener fit
- High-grade, rust-resistant, chrome-plated finish
- Cushion grip handle for extra comfort and torque
- Meets ASME/ANSI specifications

CAT. NO.	UPC NO.	DESCRIPTION
0253-01C	783310546719	7-Piece Nut Driver Set (3" Shank): Sizes 3/16", 1/4", 5/16", 11/32", 3/8", 7/16" & 1/2"
0253-11C	783310546641	Heavy-Duty Nut Driver 3/16" x 3"
0253-12C	783310546658	Heavy-Duty Nut Driver 1/4" x 3"
0253-13C	783310546665	Heavy-Duty Nut Driver 5/16" x 3"
0253-14C	783310546672	Heavy-Duty Nut Driver 11/32" x 3"
0253-15C	783310546689	Heavy-Duty Nut Driver 3/8" x 3"
0253-16C	783310546696	Heavy-Duty Nut Driver 7/16" x 3"
0253-17C	783310546702	Heavy-Duty Nut Driver 1/2" x 3"



## ADJUSTABLE & RATCHETING WRENCHES



0154-10D

### Dipped Handle Adjustable Wrenches

- Heavy-duty construction to handle any size job
- Double-dipped vinyl handle for user comfort and slip resistance
- Precision-machined to tight tolerances for professional feel and smooth operation
- Wide capacity jaw design provides extra versatility
- Measuring scale on head for easy sizing
- Corrosion-resistant finish
- Meets ASME/ANSI specifications

CAT. NO.	UPC NO.	DESCRIPTION
0154-08D	783310892915	Adjustable Wrench Dipped Handle 8"
0154-10D	783310892922	Adjustable Wrench Dipped Handle 10"
0154-12D	783310892939	Adjustable Wrench Dipped Handle 12"



0354-01

### Combination Ratcheting Wrenches

- Compact reversible switch allows a 15° offset of the box end for clearance obstacles
- 5° ratcheting design for versatility and ease of use in tight spaces
- Polished chrome finish for superior corrosion resistance
- Precision heads for accurate fastener fit
- Hardened for durability and longer life
- Meets ASME/ANSI specifications

CAT. NO.	UPC NO.	DESCRIPTION
0354-01	783310555018	7-Piece Combination Ratcheting Wrench Set: Contains Sizes 1/4", 5/16", 3/8", 7/16", 1/2", 9/16" & 5/8"
0354-02	783310892748	7-Piece Combination Ratcheting Wrench Set (Metric): Contains Sizes 7, 9, 10, 11, 13, 14, and 15 mm
0354-11	783310554943	Combination Ratcheting Wrench 1/4"
0354-12	783310554950	Combination Ratcheting Wrench 5/16"
0354-13	783310554967	Combination Ratcheting Wrench 3/8"
0354-14	783310554974	Combination Ratcheting Wrench 7/16"
0354-15	783310554981	Combination Ratcheting Wrench 1/2"
0354-16	783310554998	Combination Ratcheting Wrench 9/16"
0354-17	783310555001	Combination Ratcheting Wrench 5/8"
0354-18	783310892687	Combination Ratcheting Wrench 11/16"
0354-19	783310892694	Combination Ratcheting Wrench 3/4"
0354-20	783310892700	Combination Ratcheting Wrench 13/16"
0354-21	783310892717	Combination Ratcheting Wrench 7/8"
0354-22	783310892724	Combination Ratcheting Wrench 15/16"
0354-23	783310892731	Combination Ratcheting Wrench 1"
0354-24	783310135173	Combination Ratcheting Wrench 1-1/16"
0354-25	783310135180	Combination Ratcheting Wrench 1-1/8"
0354-26	783310135197	Combination Ratcheting Wrench 1-1/4"





## CUTTING TOOLS



### Knives

- Easy front-loading design allows for quick blade change
- Quick-change locking blade holder and lock-back feature for added safety and convenience
- Uses standard utility blades



### Utility Knife

- Over-molded for secure, comfortable grip
- Retractable three-position blade for added safety and convenience
- Blade storage in pop-up holder
- Packaged with heavy-duty patented serrated blades (Cat # 9952-11)

CAT. NO.	UPC NO.	DESCRIPTION
0652-11	783310547297	Utility Knife with blades
<b>R</b> 9952-11	783310563013	Blades for 0652-11 Utility Knife, 5 pack



### Folding Utility Knife

- Over-molded for secure, comfortable grip
- High finish stainless steel handle

CAT. NO.	UPC NO.	DESCRIPTION
0652-22	783310000419	Folding Utility Knife



### Heavy-Duty Folding Utility Knife

- Heavy-duty aluminum housing with built-in blade storage for added convenience
- Thumb pad allows safer hand position to apply extra cutting force comfortably
- Includes storage pouch and 5 extra blades

CAT. NO.	UPC NO.	DESCRIPTION
0652-23	783310000433	Heavy-Duty Folding Utility Knife

## Professional Pocket Knives



### SPECIFICATIONS

	BLADE	BLADE LENGTH	BLADE SAFETY	HANDLE SIZE	HANDLE MATERIAL	SHEATH
0652-24	440C Stainless Steel	2.25" (57 mm)	Lock-back	3.50" (89 mm)	Desert Ironwood with Stainless Bolsters and Belt Clip	—
0652-25	Titanium Coated 440C Stainless Steel	2.25" (57 mm)	Lock-back	3.50" (89 mm)	Anodized Aluminum with Reversible Belt Clip and Lanyard Hole	—
0652-26	440C Stainless Steel	2.25" (57 mm)	Lock-back	3.25" (82 mm)	Rosewood with Stainless Bolsters and Swivel Ring	—
0652-28	440C Stainless Steel	2.63" (67 mm)	Lock-back	4.00" (101 mm)	Rosewood with Swivel Ring	—
0652-29	440C Stainless Steel	3.00" (76 mm)	—	7.80" (198 mm)	Full-length Solid Tang with Rosewood Facing, Stainless Bolster and Lanyard Hole	Reinforced Nylon with Belt Loop

CAT. NO.	UPC NO.	DESCRIPTION
0652-24	783310000570	Drop Point Pocket Knife, Wood
0652-25	783310000587	Titanium-Coated Drop Point Pocket Knife, Aluminum
0652-26	783310000594	Coping Blade
0652-28	783310000617	Hawkbill Pocket Knife, Wood Handle
0652-29	783310000624	Hawkbill Fixed Blade with Sheath

**NOTE:** See pages 136 – 146 for additional cutting tools.



0652-FC

### Film Cutter

- Recessed blade and molded plastic tape splitter reduce risk of injuries due to lacerations

CAT. NO.	UPC NO.	DESCRIPTION
0652-FC	783310072355	Film Cutter

## FLASHLIGHTS



### LED Plastic Flashlights

- Powerful LEDs in compact form
- Rugged, all-weather construction
- Batteries are included
- Attachment accessories for added ease-of-use and increased versatility
- FL4AAP and FLHEAD offer a hands-free option

CAT. NO.	UPC NO.	DESCRIPTION
FL2AAAP	783310134930	LED Penlight
FL4AAP	783310134985	LED Waterproof Flashlight
FLHEAD	783310135432	Head Lamp



### SPECIFICATIONS

	FL2AAAP	FL4AAP	FLHEAD
<b>PLASTIC HOUSING</b>			
Type	Rugged Lexan	Rugged ABS	Rugged ABS
Waterproof/Dust Proof	3 Feet/1 Meter	10 Feet/3 Meters	33 Feet/10 Meters
<b>LED LIGHT BULB</b>			
Bulb Life	50,000 Hours	50,000 Hours	50,000 Hours
Lumen	7 Lumen	120 Lumen	42 High/19 Low Lumen
Beam Distance	46 Feet/14 Meters	631 Feet/192 Meters	127-197 Feet/39-60 Meters
Beam Pattern	Normal	Normal	3-spot, diffuse and red diffuse with rotating beam angle adjustment
<b>BATTERY</b>			
Life	14-15 Hours	4-5 Hours	5 (Hi)-12 (Low) Hours
Type	(2) AAA Alkaline	(4) AA Alkaline	(3) AAA Alkaline
<b>OPTIONS</b>			
Included	Pocket Clip	None	Elastic Head Strap & Rubber Hard Hat Strap
<b>DIMENSIONS</b>			
Size	5.2 x .8 in/132 x 21 mm	6.3 x 1.6 x 1.4 in/160 x 40 x 35 mm	2.9 x 1.4 x 1.8 in/73 x 37 x 46 mm
Weight	1.5 oz/43 g	5.6 oz/158 g	3.9 oz/110 g
<b>ADDITIONAL FEATURES</b>			
Certifications	None	UL/CSA Class 1, Div 1	UL/CSA Class 1, Div 1
Rating	None	Hazardous Environment	Hazardous Environment
Switch	Twist on/off bezel switch	Rubber covered push button switch	Twist on/off bezel switch
Performance	None	Thermal Recovery System recycles heat from the LED to warm batteries for improved performance in low temperatures	Thermal Recovery System recycles heat from the LED to warm batteries for improved performance in low temperatures

## LEVELS & TAPE MEASURES



L97



### Mini-Magnet Laser Level

- Large, easy-to-read vial design – 0°, 30°, 45°, 90°
- Mini-torpedo design with handy “no-dog” attachment for bending
- Three rare-earth magnets provide superior holding strength
- Compact size with 80+ yard range
- Laser is capable of working on all planes
- V-groove on bottom for mounting on curved surface
- Offsets and calculations permanently laser-engraved onto level
- Includes (2) replaceable “N” style batteries

#### SPECIFICATIONS

Length	5-1/16" (143 mm)
Width	3/4" (19 mm)
Weight	7.3 oz with batteries
Height	1-13/16" (46 mm)

CAT. NO.	UPC NO.	DESCRIPTION
L97	783310035824	Laser Level



L77

### Magnetic Conduit Bending Level

- Large, easy-to-read vial design – 0°, 30°, 45°, 90°
- Improves bending accuracy and prevents “dog-legs”
- Three rare earth magnets and screw attachment deliver superior holding strength
- Compact, torpedo design with V-groove allows easy mounting on conduit or pipe
- Vial windows on top of level provide comfortable viewing from all sides
- Aluminum alloy and anodized construction for a durable, water resistant, and lightweight level design

#### SPECIFICATIONS

Length	5-1/2" (140 mm)
Width	3/4" (19 mm)
Height	1-1/2" (38 mm)

CAT. NO.	UPC NO.	DESCRIPTION
L77	783310116172	Mini Magnetic Bubble Level

## HAND TOOLS



L107

### Electrician's Magnetic Torpedo Level

- Large, easy-to-read vial design – 0°, 30°, 45°, 90°
- Professional-grade level suitable for pipe and conduit work
- Plumb view allows easy readability of vial from multiple positions
- Four rare earth magnets deliver superior holding strength and allow hands-free use on metal surfaces
- Compact, torpedo design with V-groove allows easy mounting on conduit or pipe
- Vial windows on top of level provide comfortable viewing from all sides
- Laser-marked angles and ruler for quick measurements
- Aluminum alloy and anodized construction for a durable, water resistant, and lightweight level design

#### SPECIFICATIONS

Length	8-1/2" (215.9 mm)
Width	3/4" (19 mm)
Weight	5.5 oz
Height	1-1/4" (31.8 mm)

CAT. NO.	UPC NO.	DESCRIPTION
L107	783310035831	Torpedo Level



0155-25A

### Power-Return Tape Measure

- Compact housing fits easily in the hand or pouch
- Easy-to-use click lock holds tape securely
- Tough ABS case with rubber over-mold
- Rigid 1" wide nylon coated blade is double-sided with 6 ft stand out
- Multi-riveted double tang foot for strength
- 16" and 19.2" stud markings

CAT. NO.	UPC NO.	DESCRIPTION
0155-25A	783310124795	Power Return Tape Measure, Double Tang/Sided, 25 ft

## HAMMERS



0156-11

### Electrician's Hammer

- Elongated neck and narrow striking face for use in boxes and other confined areas
- Long, straight claws designed for electrical fixture removal
- Lightweight, durable fiberglass handle for shock resistance
- Cushioned grip and flared handle end for user comfort and to reduce slipping
- Meets ASME/ANSI specifications

CAT. NO.	UPC NO.	DESCRIPTION
0156-11	783310546986	18 oz Electrician's Hammer

# PROFESSIONAL TOOL BACKPACK

## EXTREME COMFORT. EASY TOOL ORGANIZATION.

### Thermoformed Molded Safety Pocket

Keep safety glasses and other small valuables protected in the work environment

### Personalized Name Plate\*

Customize your bag with a personalized embroidered name plate

(See hang tag for instructions)



### 2 Separate Zippered Compartments

For easier tool organization – second zippered compartment allows for easy storage of power drill, batteries, chargers, etc.

### Large Supported Front Pocket

Conveniently carries fish tape or hard hat

### High Visibility Reflective Piping

Helps locate your tool bag in dark work spaces

### Poly & Nylon Ripstop Construction

Makes for a durable, long lasting and lightweight bag

### Impact Resistant Waterproof Plastic Bottom

Keeps tools and bag protected from the elements



0158-26

### Formed Steel Hanging Hook

Hang your bag for easy access

### Green Interior

Easy tool visibility in dark work spaces

### S-Strap Shoulder Strap

Ergonomically designed, fit to distribute weight evenly

### 30 Universal Double Stitched Pockets

Heavy-duty pockets for ultimate tool storage and organization

### Padded Lumbar Support

Reduces back strain when carrying a loaded backpack



## TOOL BAGS, POUCHES & BELTS



0158-27

### Professional Tool & Tech Backpack

- Customize your bag with a personalized embroidered name plate (see hang tag for instructions)
- 27 universal double stitched pockets
- Two separate zippered compartments for easier tool organization – second zippered compartment that allows for storage of laptop/tablet
- S-Strap shoulder strap and padded lumbar support helps reduce back strain and distributes weight evenly

CAT. NO.	UPC NO.	DESCRIPTION
<b>N</b> 0158-26	783310064060	Professional Tool Backpack
<b>N</b> 0158-27	783310064077	Professional Tool & Tech Backpack



0158-21

### 20" Heavy-Duty Multi-Pocket Tool Bag

- 28 universal double stitched pockets – one see-through pocket for easy tool access
- Removable adjustable reinforced shoulder strap makes carrying your tools more comfortable
- Metal hanger holds tape for quick and easy access
- Thermoformed molded safety pocket keeps safety glasses and other valuables protected in the work environment

CAT. NO.	UPC NO.	DESCRIPTION
<b>N</b> 0158-21	783310064084	20" Heavy-Duty Multi-Pocket Tool Bag



0158-22

### 18" Heavy-Duty Multi-Pocket Tool Bag

- 19 universal double stitched pockets – one see-through pocket for easy tool access
- Removable, adjustable, reinforced shoulder strap makes carrying your tools more comfortable
- Metal hanger holds tape for quick and easy access
- Thermoformed molded safety pocket keeps safety glasses and other valuables protected in the work environment

CAT. NO.	UPC NO.	DESCRIPTION
<b>N</b> 0158-22	783310064091	18" Heavy-Duty Multi-Pocket Tool Bag



0158-25

## 16" Heavy-Duty Open Tool Tote

- 19 universal double stitched pockets
- Steel formed ergonomic swing handle – swings out of the way to access tools easily
- Metal hanger holds tape for quick and easy access

CAT. NO.	UPC NO.	DESCRIPTION
<b>N</b> 0158-25	783310064107	16" Heavy-Duty Open Tool Tote



0158-24

## 11" Electrician's Open Tool Carrier

- 27 universal double stitched pockets
- Lightweight rigid PE support structure gives solid support and protection
- Impact resistant plastic molded handle provides centered alignment and balanced carrying
- Metal hanger holds tape for quick and easy access
- Extended molded plastic feet protects bottom of bag in the work environment
- Removable adjustable reinforced shoulder strap makes carrying your tools more comfortable
- Metal clip for attaching measuring tape

CAT. NO.	UPC NO.	DESCRIPTION
<b>N</b> 0158-24	783310064114	11" Electrician's Open Tool Carrier



0158-29

## 11" Heavy-Duty Open Tool Carrier

- Customize your bag with a personalized embroidered name plate (see hang tag for instructions)
- 32 universal double stitched pockets
- Lightweight rigid PE support structure gives solid support and protection
- Impact resistant plastic molded handle provides centered alignment for balanced carrying
- Metal hanger holds tape for quick and easy access
- Thermoformed molded pocket keeps safety glasses and other valuables protected in the work environment
- Removable, adjustable, reinforced shoulder strap makes carrying your tools more comfortable

CAT. NO.	UPC NO.	DESCRIPTION
<b>N</b> 0158-29	783310073833	11" Heavy-Duty Open Tool Carrier



0158-28

## Crate Cover Tool Organizer

- Transforms standard molded crate into a tool organizer with 11 universal double stitched pockets
- Plastic buckles, snap-lock buttons, and velcro straps securely hold the crate cover to most standard molded crates
- Removable, adjustable, reinforced shoulder strap makes carrying your tools more comfortable
- Removable impact resistant plastic molded handle provides centered alignment for balanced carrying
- Fits most standard molded crate sizes – 13" (330.2 mm) x 12" (330.2 mm) x 11" (249.14 mm)

CAT. NO.	UPC NO.	DESCRIPTION
<b>N</b> 0158-28	783310073826	Crate Cover Tool Organizer



0158-14

## 12" Canvas Zipper Bag

- Constructed of canvas for durability
- Strong zipper for secure closing
- Stores multiple small items or tools

### SPECIFICATIONS

Dimensions	12" L (30.5 cm), 7" H (17.8 cm)
------------	---------------------------------

CAT. NO.	UPC NO.	DESCRIPTION
0158-14	783310563389	12" Canvas Zipper Bag



0158-16

## 3-Piece Pouch/Belt Combo

- Pouch handles allow for easy carrying and storage without spilling tools
- Design features two versatile pouches that are removable and interchangeable
- 3" padded belt features foam core padding for extra comfort and support of heavy tools
- Double layer heavy-duty fabric for durability
- Cordless drill holster
- Includes electrician's metal tape chain, hammer loop and tool clip for convenience
- Made to fit 29" to 46" waist

### SPECIFICATIONS

Dimensions	53" L (134.6 cm), 13" H (33 cm), 5" D (12.7 cm)
------------	---

CAT. NO.	UPC NO.	DESCRIPTION
0158-16	783310892052	3-Piece Pouch/Belt Combo



0158-17

## 7-Pocket Caddy

- Constructed of double-layer, rugged, lightweight Cordura fabric
- Versatile seven-pocket design easily accommodates a wide variety of professional hand tools
- Large capacity pockets allow for easy access to contents
- Extra versatile design may be carried using handle or worn on a tool belt
- Padded handle design for easy storage
- Heavy-duty electrical tape chain
- Heavy-duty tape measure holder securely accepts and holds any size tape

### SPECIFICATIONS

**Dimensions** | 8" W (20.3 cm), 11" H (27.9 cm), 4" D (10.1 cm)

CAT. NO.	UPC NO.	DESCRIPTION
0158-17	783310133865	7-Pocket Caddy



0158-15

## 20-Pocket Tool Caddy

- Constructed of double-layer, rugged, lightweight Cordura fabric
- Versatile 20-pocket design easily accommodates a wide variety of professional hand tools
- Large capacity pockets allow for easy access to contents
- Padded handle and shoulder strap design for easy storage and the best way to carry a loaded tool pouch
- Heavy-duty tool snap and electrical tape strap
- Steel hammer holder loop
- Extra versatile design may be carried using shoulder strap or handle, or worn on a tool belt
- Heavy-duty tape measure holder securely accepts and holds any size tape

### SPECIFICATIONS

**Dimensions** | 10" L (25.4 cm), 7" W (17.8 cm), 13" H (33.0 cm)

CAT. NO.	UPC NO.	DESCRIPTION
0158-15	783310563372	20-Pocket Tool Caddy

# HAND TOOLS



0258-11

## Heavy-Duty 8-Pocket Leather Pouch

- Large, divided main pocket area designed for easy storage and tool access
- Four smaller compartments for additional tool organization
- Washer rivets for extra strength
- Extra large metal tool clip and tape chain included
- Tapered compartments for tool stability
- Fits belts up to 3" wide
- Top grain leather – prevents fading and staining
- Heavy-duty tape measure holder accepts and holds any size tape securely

### SPECIFICATIONS

Dimensions | 7" L (17.8 cm), 6" W (15.2 cm), 10-1/2" H (26.7 cm)

CAT. NO.	UPC NO.	DESCRIPTION
0258-11	783310563396	Heavy-Duty 8-Pocket Leather Pouch



0258-13

## Heavy-Duty 5-Pocket Leather Pouch

- Large, divided main pocket area designed for easy storage and tool access
- Four smaller compartments for additional tool organization
- Washer rivets for extra strength
- Extra large metal tool clip and tape chain included
- Tapered compartments for tool stability
- Fits belts up to 3" wide
- Top grain leather – prevents fading and staining
- Heavy-duty tape measure holder accepts and holds any size tape securely

### SPECIFICATIONS

Dimensions | 6" L (15.2 cm), 3-1/2" W (8.9 cm), 11" H (27.9 cm)

CAT. NO.	UPC NO.	DESCRIPTION
0258-13	783310563402	Heavy-Duty 5-Pocket Leather Pouch



## Heavy-Duty 4-Pocket Leather Pouch

- Four compact pocket areas designed for easy storage and tool access
- Washer rivets for extra strength
- Metal tool clip and tape chain included
- Fits belts up to 3" wide

### SPECIFICATIONS

**Dimensions** | 5" L (12.7 cm), 2-3/4" W (7.1 cm), 9" H (22.9 cm)

CAT. NO.	UPC NO.	DESCRIPTION
0258-14	783310563419	Heavy-Duty 4-Pocket Leather Pouch with metal clip



## Heavy-Duty Leather Tool Belt

- 2" wide leather belt
- Steel roller double-pronged buckle
- Can be cut to fit 29" to 52" waist

### SPECIFICATIONS

**Dimensions** | 57" L (121 cm), 2" H (5.1 cm)

CAT. NO.	UPC NO.	DESCRIPTION
9858-11	783310563471	Heavy-Duty Leather Tool Belt



## Padded Tool Belt

- 5" wide padded tool belt
- Sturdy construction for support of heavy tool pouches
- Foam core padding for extra comfort
- Double-layer of rugged, lightweight fabric will not rot, crack, harden or mildew
- Steel roller double-pronged buckle
- Made to fit 30" to 46" waist

### SPECIFICATIONS

**Dimensions** | 50" L (12.7 cm), 5" H (12.7 cm)

CAT. NO.	UPC NO.	DESCRIPTION
9858-12	783310563488	5" Padded Tool Belt

## TOOL KITS



### Professional Tool Backpack Kit

- Customize your bag with a personalized embroidered name plate
- 27 universal double stitched pockets
- Two separate zippered compartments for easier tool organization – second zippered compartment that allows for storage of laptop/tablet
- S-Strap shoulder strap and padded lumbar support helps reduce back strain and distributes weight evenly
- Set includes:
  - Professional Tool Backpack
  - 9" Side-Cutting Pliers – Molded Grip
  - 8" Diagonal Pliers – Molded Grip
  - 8" Long Nose Pliers – Molded Grip
  - 10" Pump Pliers – Molded Grip
  - Pro Stainless Wire Stripper – 10-18 AWG
  - Non-Metallic Cable Ripper
  - Stainless Stripping/Crimping Combo Tool
  - Cable Cutter
  - Utility-Folding Knife
  - Flat-Key Screwdriver – 1/4" x 4"
  - Flat-Key Screwdriver – 5/16" x 6"
  - Flat-Key Screwdriver – 3/16" x 6"
  - Flat-Cab Screwdriver – 1/4" x 6"
  - Phillips Screwdriver – #1 x 3"
  - Phillips Screwdriver – #2 x 4"
  - Screw-Holding Driver 3/16 x 6"
  - 3" Awl – Steel Cap
  - 10" Adjustable Wrench – Dipped Grip
  - 9-Piece Folding Hex-Key Set
  - 25' Power Return Rule
  - Torpedo Level
  - 18 oz Electricians Hammer
  - 8-Pocket Leather Pouch
  - Tradesman XL Gloves
  - 2" Leather Belt
  - Non-Contact Voltage Detector
  - 12" Hacksaw

CAT. NO.	UPC NO.	DESCRIPTION
<b>N</b> 0159-28BKPK	783310073857	Professional Tool Backpack Kit



0159-28MULTI

## 20" Heavy-Duty Multi-Pocket Tool Bag Kit

- 28 universal double stitched pockets – one see-through pocket for easy tool access
- Removable adjustable reinforced shoulder strap makes carrying your tools more comfortable
- Metal hanger holds tape for quick and easy access
- Thermoformed molded safety pocket keeps safety glasses and other valuables protected in the work environment
- Set includes:
  - 20" Heavy-Duty Multi-Pocket Tool Bag
  - 9" Side-Cutting Pliers – Molded Grip
  - 8" Diagonal Pliers – Molded Grip
  - 8" Long Nose Pliers – Molded Grip
  - 10" Pump Pliers – Molded Grip
  - Pro Stainless Wire Stripper – 10-18 AWG
  - Non-Metallic Cable Ripper
  - Stainless Stripping/Crimping Combo Tool
  - Cable Cutter
  - Utility-Folding Knife
  - Keystone Tip Flat-Blade Screwdriver – 1/4" x 4"
  - Keystone Tip Flat-Blade Screwdriver – 5/16" x 6"
  - Cabinet Tip Flat-Blade Screwdriver – 3/16" x 6"
  - Cabinet Tip Flat-Blade Screwdriver – 1/4" x 6"
  - Phillips Tip Screwdriver – #1 x 3"
  - Phillips Tip Screwdriver – #2 x 4"
  - Screw-Holding Driver 3/16 x 6"
  - 3" Awl – Steel Cap
  - 10" Adjustable Wrench – Dipped Grip
  - 9-Piece Folding Hex-Key Set
  - 25' Power Return Rule
  - Torpedo Level
  - 18 oz Electricians Hammer
  - 8-Pocket Leather Pouch
  - Tradesman XL Gloves
  - 2" Leather Belt
  - Non-Contact Voltage Detector
  - 12" Hacksaw

CAT. NO.	UPC NO.	DESCRIPTION
 0159-28MULTI	783310073864	20" Heavy-Duty Multi-Pocket Tool Bag



**17  
PIECES**

0159-17ELEC

## 11" Electrician's Open Tool Carrier Kit

- 27 universal double stitched pockets
- Lightweight rigid PE support structure gives solid support and protection
- Impact resistant plastic molded handle provides centered alignment and balanced carrying
- Metal hanger holds tape for quick and easy access
- Extended molded plastic feet protects bottom of bag in the work environment
- Removable adjustable reinforced shoulder strap makes carrying your tools more comfortable
- Metal clip for attaching measuring tape
- Set includes:
  - 11" Electrician's Open Tool Carrier
  - Non-Contact Voltage Detector
  - Torpedo Level
  - 18 oz Electricians Hammer
  - 25' Power Return Rule
  - Keystone Tip Flat-Blade Screwdriver – 1/4" x 4"
  - Cabinet Tip Flat-Blade Screwdriver – 3/16" x 6"
  - Phillips Tip Screwdriver – #1 x 3"
  - Phillips Tip Screwdriver – #2 x 4"
  - 9" Side-Cutting Pliers – Molded Grip
  - 8" Diagonal Pliers – Molded Grip
  - 8" Long Nose Pliers – Molded Grip
  - 10" Pump Pliers – Molded Grip
  - Pro Stainless Wire Stripper – 10-18 AWG
  - Non-Metallic Cable Ripper
  - Stainless Stripping/Crimping Comb Tool
  - Cable Cutter

CAT. NO.	UPC NO.	DESCRIPTION
<b>N</b> 0159-17ELEC	783310073871	11" Electrician's Open Tool Carrier



**16  
PIECES**

0159-24

## Electrician's Tool Kit – Metric

- Perfect kit for the professional or apprentice electrician
- Set includes:
  - Heavy-Duty 8 Pocket Leather Pouch
  - Heavy-Duty Leather Tool Belt
  - 9" High-Leverage Side Cutting Pliers – Molded Grip
  - 8" High-Leverage Diagonal Cutting Pliers – Molded Grip
  - 8" High-Leverage Long Nose Pliers/Side Cutting – Molded Grip
  - 10" Pump Pliers – Molded Grip
  - Keystone Tip Flat-Blade Screwdriver – 1/4" x 4"
  - Cabinet Tip Flat-Blade Screwdriver – 3/16" x 6"
  - Phillips Tip Screwdriver – #1 x 3"
  - Phillips Tip Screwdriver – #2 x 4"
  - 25' Tape measure
  - Pro Plus Wire Stripper 10-18 AWG
  - 4-Piece Square Tip Screwdriver Set

CAT. NO.	UPC NO.	DESCRIPTION
0159-24	783310892397	Electrician's Tool Kit – Metric, 16-Piece



**17  
PIECES**

0159-12

## Journeyman's Tool Kit – Standard

- Perfect kit for the journeyman electrician
- Set includes:
  - 20-Pocket Tool Caddy
  - Non-Contact Voltage Detector
  - Torpedo Level
  - 18 oz Electrician's Hammer
  - 25' Tape Measure
  - Keystone Tip Flat-Blade Screwdriver – 1/4" x 4"
  - Cabinet Tip Flat-Blade Screwdriver – 3/16" x 6"
  - Phillips Tip Screwdriver – #1 x 3"
  - Phillips Tip Screwdriver – #2 x 4"
  - 9" Side-Cutting Pliers – Molded Grip
  - 8" Diagonal Cutting Pliers – Molded Grip
  - 8" Long Nose Pliers – Molded Grip
  - 10" Pump Pliers – Molded Grip
  - Pro Plus Wire Stripper 10-18 AWG
  - NM Cable Ripper
  - Stripping/Crimping Combination Tool
  - Cable Cutter

CAT. NO.	UPC NO.	DESCRIPTION
0159-12	783310563501	Journeyman's Tool Kit, 17-Piece



**12  
PIECES**

0159-13

## Electrician's Tool Kit – Standard

- Perfect kit for the professional or apprentice electrician
- Set includes:
  - 2" Leather Tool Belt
  - 8-Pocket Leather Pouch
  - 25' Tape Measure
  - Phillips Tip Screwdriver – #2 x 4"
  - Phillips Tip Screwdriver – #1 x 3"
  - Cabinet Tip Round Flat-Blade Screwdriver – 3/16" x 6"
  - Keystone Tip Flat-Blade Screwdriver – 1/4" x 4"
  - Pro Plus Wire Stripper 10-18 AWG
  - 8" Long Nose Pliers
  - 10" Pump Pliers – Molded Grip
  - 8" Diagonal Cutting Pliers – Molded Grip
  - 9" Side-Cutting Pliers – Molded Grip

CAT. NO.	UPC NO.	DESCRIPTION
0159-13	783310563518	Electrician's Tool Kit – Standard, 12-Piece



0159-23

## Journeyman's Tool Kit – Metric

- Perfect kit for the journeyman electrician
- Set includes:
  - 20 Pocket Tool Caddy
  - Phillips Tip Screwdriver – #2 x 4"
  - 9" High-Leverage Side Cutting Pliers – Molded Grip
  - 25' Tape measure
  - 8" High Leverage Diagonal Cutting Pliers – Molded Grip
  - 18 oz Electrician's Hammer
  - 8" Long Nose Pliers – Molded Grip
  - Non-Contact Voltage Detector
  - 10" Pump Pliers - Molded Grip
  - Pro Plus Wire Stripper 10-18 AWG
  - Dual NM Cable Ripper
  - Stripping/Crimping Combination Tool
  - Keystone Tip Flat-Blade Screwdriver – 1/4" x 4"
  - Cable Cutter
  - Cabinet Tip Flat-Blade Screwdriver – 3/16" x 6"
  - Torpedo Level
  - Phillips Tip Screwdriver – #1 x 3"
  - 4-Piece Square Tip Screwdriver Set

CAT. NO.	UPC NO.	DESCRIPTION
0159-23	783310892380	Journeyman's Tool Kit, Metric 21-Piece



# 6 PIECES



0159-36

## 6-Piece Kit

- Set includes:
  - 8" Long-Nose Pliers – Dipped Grip
  - 8" Diagonal Cutting Pliers – Dipped Grip
  - 9" High-Leverage Side-Cutting Pliers – Dipped Grip
  - Cabinet Tip Flat-Blade Screwdriver – 1/4" x 4"
  - Phillips Tip Screwdriver – #2 x 4"
  - Pro Plus Wire Stripper 10-18 AWG

CAT. NO.	UPC NO.	DESCRIPTION
0159-36	783310314004	Hand Tool Kit, 6-Piece



# 5 PIECES



0159-34

## 5-Piece Installation Kit

- Set includes:
  - 5 Pocket Leather Pouch
  - 9" Side-Cutting Pliers – Molded Grip
  - ProPlus Wire Stripper 10-18 AWG
  - Insulated and Uninsulated Terminal Crimping Tool
  - 6-in-1 Multi-Tool

CAT. NO.	UPC NO.	DESCRIPTION
0159-34	783310101871	Installation Kit, 5-Piece



0159-14

**5  
PIECES**

## Starter Electrician's Tool Kit

- Four-pocket, heavy-duty, leather tool pouch holds an assortment of four professional grade hand tools
- Set includes:
  - Heavy-Duty 4 Pocket Leather Pouch
  - Pro Plus Wire Stripper 10-18 AWG
  - Phillips Tip Screwdriver – #2 x 4"
  - 9" Side-Cutting Pliers – Molded Grip
  - Cabinet Tip Flat-Blade Screwdriver – 3/16" x 6"

CAT. NO.	UPC NO.	DESCRIPTION
0159-14	783310563525	Starter Electrician's Tool Kit, 5 pc



0159-28

**4  
PIECES**

## 4-Piece Basic Kit

- Set includes:
  - 4 Pocket Polyester Pouch
  - 8" Long Nose Pliers – Dipped Grip
  - Pro Plus Wire Stripper 10-18 AWG
  - 6-in-1 Multi-Tool

CAT. NO.	UPC NO.	DESCRIPTION
0159-28	783310101918	Basic Kit, 4-Piece



0159-42

**2  
PIECES**

## 2-Piece Kit

- Set includes:
  - 6-in-1 Multi tool Contains 3/16" and 1/4" flat tip
  - 9" Side-Cutting Pliers – Dipped Grip

CAT. NO.	UPC NO.	DESCRIPTION
0159-42	783310007630	Tool Kit, 2-Piece

# INSULATED TOOLS



**1000 V**



0151-09-INS



0251-08A-INS



0351-08-INS



0451-10-INS

## Insulated Pliers

- Forged from chrome vanadium steel for greater strength and long life
- High-leverage design provides greater cutting power, reducing fatigue
- Meets IEC 60900 and ASTM F1505 standards for insulated tools
- Orange handles provide high visibility and are easily identifiable
- Dual-layer insulation for maximum protection
- Guards helps protect hand from accidental contact of energized source
- Available in Sidecut, Diagonal, Long Nose, and Pump styles

CAT. NO.	UPC NO.	DESCRIPTION
0151-09-INS	783310134565	Pliers, Sidecut, 9", Insulated, Molded Handles
0251-08A-INS	783310134541	Pliers, Diagonal, 8", Insulated, Molded Handles
0351-08-INS	783310134558	Pliers, Long Nose, 8", Insulated, Molded Handles
0451-10-INS	783310134534	Pliers, Pump, 10", Insulated, Molded Handles



**1000 V**



727-INS

## Insulated High-Leverage Cable Cutter

- Forged from chrome vanadium steel for greater strength and long life
- High-leverage design provides greater cutting power, reducing fatigue
- Meets IEC 60900 and ASTM F1505 standards for insulated tools
- Orange handles provide high visibility and are easily identifiable
- Dual-layer insulation for maximum protection
- Guards helps protect hand from accidental contact of energized source
- Cuts up to 2/0 copper and aluminum cables and 100 pair communication cable
- Precision ground, beveled, shear action blades cut cable cleanly each time

CAT. NO.	UPC NO.	DESCRIPTION
727-INS	783310314028	Cable Cutter, High-Leverage, Insulated, Molded Handles

# HAND TOOLS



**1000 V**



KP1022-INS

## Insulated Terminal Crimping Tool

- Forged from chrome vanadium steel for greater strength and long life
- High-leverage design provides greater cutting power, reducing fatigue
- Meets IEC 60900 and ASTM F1505 standards for insulated tools
- Orange handles provide high visibility and are easily identifiable
- Dual-layer insulation for maximum protection
- Guards helps protect hand from accidental contact of energized source
- Cuts up to 2/0 copper and aluminum cables and 100 pair communication cable
- For crimping both 10-22 AWG insulated and non-insulated terminals and connectors

CAT. NO.	UPC NO.	DESCRIPTION
KP1022-INS	783310314035	Crimping Tool, Terminal, Insulated, Molded Handles



452071

452061

## Insulated Ratchet Cable Cutters

- Exclusive 2-speed ratcheting mechanism adjusts for light/heavy-duty cutting
- Simple one-handed operation
- Blades can be opened mid-cycle
- Dual-layer insulation for maximum protection
- Guards protect hand from accidental contact of energized source

CAT. NO.	UPC NO.	DESCRIPTION
452061	783310126805	Ratchet Cable Cutter with Insulated Handles (1.5 lb/.7 kg)
452071	783310126812	Ratchet Cable Cutter with Insulated Handles (2.4 lb/1.1 kg)
<b>R</b> 45218	783310452188	Movable Blade (45206 & 452061)
<b>R</b> 45212	783310452126	Fixed Blade (45206)
<b>R</b> 45211	783310452119	Movable Blade (45206 & 452061)
<b>R</b> 45228	783310452287	Fixed Blade (45207)

### SPECIFICATIONS

		COPPER	ALUMINUM	COMMUNICATION CABLE
452061	Maximum Capacity	600 kcmil (MCM)(300 mm <sup>2</sup> )	600 kcmil (MCM)(300 mm <sup>2</sup> )	1-3/8" (35 mm) diameter
	Frequent use Capacity	500 kcmil (MCM)(240 mm <sup>2</sup> )	500 kcmil (MCM)(240 mm <sup>2</sup> )	
452071	Maximum Capacity	750 kcmil (MCM)(400 mm <sup>2</sup> )	1000 kcmil (MCM)(500 mm <sup>2</sup> )	2" (51 mm) diameter
	Frequent use Capacity	600 kcmil (MCM)(300 mm <sup>2</sup> )	750 kcmil (MCM)(400 mm <sup>2</sup> )	



**1000 V**



0153-01-INS

### Insulated Screwdrivers

- Meets the IEC 60900 and ASTM F1505 standards for insulated tools
- Helps meet the requirements of OSHA 1910.331-335, NFPA 70E & CSA-Z462
- Cushion grip handles for comfort and torque
- Dual layer insulation provides added safety and protection against electric shock
- Set includes:
  - #1 x 3" Insulated Screwdriver
  - #2 x 4" Insulated Screwdriver
  - #3 x 6" Insulated Screwdriver
  - 1/4" x 4" Insulated Cabinet Tip Screwdriver
  - 3/16" x 4" Insulated Cabinet Tip Screwdriver
  - 3/16" x 6" Insulated Cabinet Tip Screwdriver
  - 3/16" x 8" Insulated Cabinet Tip Screwdriver
  - 5/16" x 6" Insulated Cabinet Tip Screwdriver
  - 3/8" x 10" Insulated Cabinet Tip Screwdriver
  - Custom Tool Roll-Up Carrier

CAT. NO.	UPC NO.	DESCRIPTION
0153-01-INS	783310134398	Screwdriver, Insulated, 9 Piece Kit
0153-11-INS	783310134435	Screwdriver, Insulated, Cabinet Tip, 1/4" x 4"
0153-15-INS	783310134473	Screwdriver, Insulated, Cabinet Tip, 5/16" x 6"
0153-17-INS	783310134480	Screwdriver, Insulated, Cabinet Tip, 3/8" x 10"
0153-22-INS	783310134459	Screwdriver, Insulated, Cabinet Tip, 3/16" x 6"
0153-23-INS	783310134466	Screwdriver, Insulated, Cabinet Tip, 3/16" x 8"
0153-33-INS	783310134411	Screwdriver, Insulated, Phillips Tip, #2 x 4"
0153-35-INS	783310134428	Screwdriver, Insulated, Phillips Tip, #3 x 6"
0353-32-INS	783310134503	Screwdriver, Insulated, Sq Tip, #1 x 6"
0353-33-INS	783310134510	Screwdriver, Insulated, Sq Tip, #2 x 6"



**1000 V**



0159-01-INS

### Insulated Plier and Screwdriver Set

- Meets IEC 60900 and ASTM F1505 standards for insulated tools
- Dual layer insulation for maximum protection
- Guards help protect hand from accidental contact of energized source
- Set includes:
  - 9" Insulated Side-Cutting Pliers
  - 8" Insulated Diagonal Cutting Pliers
  - 8" Insulated Long-Nose Pliers
  - 10" Insulated Pump Pliers
  - 3/16" x 4" Insulated Cabinet Tip Screwdriver
  - 1/4" x 4" Insulated Cabinet Tip Screwdriver
  - #2 x 4" Insulated Phillips Tip Screwdriver
  - Custom Tool Roll-Up Carrier

CAT. NO.	UPC NO.	DESCRIPTION
0159-01-INS	783310106272	Plier & Screwdriver, Insulated Kit, 7-Piece Kit



**1000 V**



0253-03NH-INS

## Insulated Nut-Holding Nut Drivers

- Meets the IEC 60900 and ASTM F1505 standards for insulated tools
- Nut-Holding, non-magnetic design – won't collect metal filings, works with stainless steel and brass
- Helps meet the requirements of OSHA 1910 331-335, NFPA 70E & CSA-Z462
- Dual layer insulation helps provide added safety and protection against electric shock
- Set includes:
  - 3/16" x 6" Insulated Nut Driver
  - 1/4" x 6" Insulated Nut Driver
  - 5/16" x 6" Insulated Nut Driver
  - 11/32" x 6" Insulated Nut Driver
  - 3/8" x 6" Insulated Nut Driver
  - 7/16" x 6" Insulated Nut Driver
  - 1/2" x 6" Insulated Nut Driver
  - Custom Tool Roll-Up Carrier

CAT. NO.	UPC NO.	DESCRIPTION
0253-03NH-INS	783310134732	Insulated Nut-Holding Nut Drivers, 7 Piece Kit
0253-17NH-INS	783310134800	Insulated Nut-Holding Nut Drivers, 1/2" x 6"
0253-12NH-INS	783310134756	Insulated Nut-Holding Nut Drivers, 1/4" x 6"
0253-14NH-INS	783310134770	Insulated Nut-Holding Nut Drivers, 11/32" x 6"
0253-11NH-INS	783310134749	Insulated Nut-Holding Nut Drivers, 3/16" x 6"
0253-15NH-INS	783310134787	Insulated Nut-Holding Nut Drivers, 3/8" x 6"
0253-13NH-INS	783310134763	Insulated Nut-Holding Nut Drivers, 5/16" x 6"
0253-16NH-INS	783310134794	Insulated Nut-Holding Nut Drivers, 7/16" x 6"

### SPECIFICATIONS

	3/16"	1/4"	5/16"	11/32"	3/8"	7/16"	1/2"
<b>Overall Length</b>	10-1/4" (26.0 cm)	10-7/8" (27.6 cm)	10-7/8" (27.6 cm)				
<b>Weight</b>	0.33 lb (.15 kg)	0.33 lb (.15 kg)	0.36 lb (.16 kg)	0.37 lb (.17 kg)	0.37 lb (.17 kg)	0.46 lb (.21 kg)	0.50 lb (.23 kg)

# PERSONAL PROTECTIVE EQUIPMENT



0358-13L



0358-14LS

## Gloves

- Professional quality, high dexterity gloves
- Light-duty Nitrile dipped gloves for resistance to abrasion, punctures and improved grip

CAT. NO.	UPC NO.	DESCRIPTION
0358-13L	783310001171	Gloves, Handyman L
0358-13XL	783310001188	Gloves, Handyman XL
0358-14L	783310001201	Gloves Tradesman L
0358-14XL	783310001218	Gloves Tradesman XL



Tradesman Clear



Pro-View Mirror

## Safety Glasses

- Several styles of ANSI compliant eye wear to meet the varied needs and tastes of the trade professional
- 2 models with clear lenses for all-around activities
- REVO mirror lens for ultimate style and protection
- Overwrap-style to fit over prescription glasses or for visitors

CAT. NO.	UPC NO.	DESCRIPTION
01762-01C	783310001812	Safety Glasses, Tradesman, Clear
01762-04M	783310001980	Safety Glasses, Pro View, Mirror
01762-06C	783310002000	Safety Glasses, Frameless, Clear
01762-07C	783310002017	Safety Glasses, Over-wrap, Clear



Overwrap Clear



Frameless Clear

Cordura is a registered trademark for E.I. du Pont de Nemours and Company.  
 Romex is a registered trademark of Southwire Company.  
 SOG is a registered trademark of SOG Specialty Knives and Tools, LLC.  
 Torx is a registered trademark of ACUMENT INTELLECTUAL PROPERTIES, LLC.

# NOTES



# KNOCKOUTS

Since the day we invented the Knockout in 1928, we've made it our mission to build for the world's expert tradespeople. For decades, our manufacturing plants in Illinois have been building the widest range of high-quality holemaking products for trade professionals. Greenlee Knockouts are known as industry-leading products that allow professionals like you to complete any job more quickly and reliably. As the industry evolves and technology advances, we continue our 90-year legacy of providing optimal knockout solutions.

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# GREENLEE KNOCKOUT DRIVERS SELECTION GUIDE

	DRIVER TYPE	CAPACITY		FEATURES	AVAILABLE IN KITS WITH THESE PUNCH TYPES	PAGE
		MILD STEEL	STAINLESS STEEL			
	LS100X Intelli-PUNCH™ Battery-Hydraulic Driver	4" conduit in 10 ga	4" conduit in 10 ga	<ul style="list-style-type: none"> <li>• 6.1 lb with battery – 31% lighter than competition</li> <li>• 11 tons of punching force</li> <li>• Patent-pending auto-retract technology</li> <li>• 360° rotating head</li> <li>• Rugged neck</li> <li>• Punch faster, with a maximum cycle time of 8 seconds</li> <li>• Compact, ergonomic design</li> <li>• LED light illuminates dark work areas</li> <li>• i-press® software</li> <li>• Powerful, long-lasting Makita® 18V Li-Ion battery</li> </ul>	Slug-Buster® (up to 2" conduit)  Standard Round (2-1/2" conduit and up)  Slug Splitter®  SPEED PUNCH®	60 – 61
		6" conduit in 14 ga				60
	LS50L2 Battery-Hydraulic Driver	4" conduit in 12 ga	2" conduit in 12 ga	<ul style="list-style-type: none"> <li>• 4.6 lb with battery – 13% lighter than competition</li> <li>• 7 tons of punching force</li> <li>• Auto-stop feature</li> <li>• 360° rotating head</li> <li>• Rugged neck</li> <li>• Punch faster, with a maximum cycle time of 8 seconds</li> <li>• Compact, ergonomic design</li> <li>• LED light illuminates dark work areas</li> <li>• i-press® software</li> <li>• Powerful, long-lasting Makita® 18V Li-Ion battery</li> </ul>	Slug-Buster® (up to 2" conduit)  Standard Round (2-1/2" conduit and up)  SPEED PUNCH®	60 – 61
		3" conduit in 10 ga				60
	Manual-Hydraulic Ram and Pump Drivers	4" conduit in 10 ga	4" conduit in 10 ga	<ul style="list-style-type: none"> <li>• 11 tons of punching force</li> <li>• Punches 10 times faster than wrench method</li> <li>• Compact, lightweight design for easy portability and fast, one-person operation</li> <li>• Available with hand pump or foot pump – allows for a variety of operation orientations</li> </ul>	Slug-Buster®  Standard Round  Slug Splitter®  SPEED PUNCH®	62 – 63
		6" conduit in 14 ga				64 – 65
	Quick Draw® Manual-Hydraulic Driver	2" conduit in 10 ga	2" conduit in 10 ga	<ul style="list-style-type: none"> <li>• 8 tons of punching force</li> <li>• Compact, portable design for easy, fast one-person operation</li> <li>• Available in 3 driver orientations:               <ul style="list-style-type: none"> <li>• Quick Draw 90° – right angle driver head rotations over 180° for maneuverability in tight work areas</li> <li>• Quick Draw® – fast, straight-on punching</li> <li>• Quick Draw Flex® – allows for maximum flexibility in tight work areas</li> </ul> </li> </ul>	Slug-Buster®  SPEED PUNCH®	66 – 67
						86 – 87
	C-Frame Hydraulic Driver	4" conduit in 10 ga	–	<ul style="list-style-type: none"> <li>• Fast, one-shot punching – eliminates need for pilot hole</li> </ul>	Standard Round	77
		6" conduit in 14 ga				
	Manual Ratchet Wrench	2" conduit in 14 ga	–	<ul style="list-style-type: none"> <li>• High-leverage wrench with a 5-degree ratcheting mechanism provides versatility and accessibility in tight work spaces</li> <li>• Long, overmold handle offers greater leverage, comfort and grip</li> </ul>	Slug-Buster®  Standard Round	68 – 70

## GREENLEE KNOCKOUT PUNCH SELECTION GUIDE



### New Slug-Buster® and Standard Round Knockouts

- Knurled edge on punches for better grip
- New die design optimized for widest range of materials and drivers
- Laser markings for easy part identification
- Alignment markings for improved punching accuracy
- Draw studs with “dog-point” tip help eliminate cross threading and make threading easy. Hex key access for easy removal from tool.

#### Slug-Buster®

- Punch profile splits slugs for easy slug removal

SPECIFICATIONS – SLUG-BUSTER®		PAGE 60-63, 66-71
Size Range	0.49" – 2.52" dia. (12.5 mm – 64.0 mm)	
Capacity	Punch up to 10 ga mild steel Punch up to 12 ga stainless steel Also punches aluminum, metal studs, brass, copper, Quazite® enclosures, fiberglass, and plastics	
Driver Compatibility	Use with Greenlee hydraulic drivers or ratchet wrench	



#### Standard Round

- Greenlee classic knockout, widest size selection available

SPECIFICATIONS – STANDARD ROUND		PAGE 64-65, 72-73, 77
Size Range	0.50" – 6.38" dia. (12.7 – 161.0 mm)	
Capacity	Punch up to 4" conduit in 10 ga mild and stainless steel Punch up to 6" conduit in 14 ga mild steel Also punches aluminum, brass, copper, fiberglass, and plastics	
Driver Compatibility	Use with Greenlee hydraulic drivers	



### Slug Splitter® and Stainless Steel Punches

- Best solution for frequent use in stainless steel

SPECIFICATIONS – SLUG SPLITTER®		PAGE 78-82
Size Range	0.60" – 4.54" dia. (15.2 mm – 115.4 mm)	
Capacity	Punch up to 10 ga stainless and mild steel Also punches aluminum, brass, copper, fiberglass, and plastics	
Driver Compatibility	Use with Greenlee hydraulic drivers	



#### SPEED PUNCH®

- Threadless design for quicker knockout assembly/disassembly
- Laser markings for easy part identification
- Alignment markings for improved punching accuracy

SPECIFICATIONS – SPEED PUNCH®		PAGE 84-89
Size Range	0.89" – 4.54" dia. (28.3 mm – 115.4 mm)	
Capacity	Punch up to 10 ga mild steel Also punches aluminum, brass, copper, fiberglass, and plastics	
Driver Compatibility	Use with Greenlee hydraulic drivers or ratchet wrench	

**NOTE:** Check driver ratings before use.  
Quarite is a registered trademark of Hubbell Inc.



4" CONDUIT  
4.54"(115.4MM)

## BATTERY-HYDRAULIC DRIVERS

Compact, fast, and powerful battery-hydraulic knockout drivers capable of punching up to 6-inch conduit sized holes in mild steel, stainless steel, aluminum, brass, copper, fiberglass and plastics.



LS100X

- 360° rotating head – rugged patent-pending swivel design to easily punch at any angle
- Rugged neck – increased durability and life of tool
- Timesaver – punch faster, with a maximum cycle time of 8 seconds
- Compact, ergonomic design – provides easy one-handed operation and an ergonomic tapered grip
- Compatibility – works with all Greenlee knockouts and other major brands designed for use with a hydraulic tool. Same draw studs used with the LS100X Intelli-PUNCH™, LS50L2 and 746A ram
- Battery platform – powerful long-lasting Makita® 18V Li-Ion battery, quickly charges in 30 minutes
- i-press® software – monitor tool performance and set service intervals via i-press® Bluetooth® communication. LS50L2 compatible with Gator Eye® desktop software.

### LS100X Intelli-PUNCH™

- Patent-pending auto-retract technology – pressure-sensing technology accurately detects punch completion and automatically retracts the ram, helping to prevent damage to knockout parts

#### SPECIFICATIONS

Tonnage	11
Capacity	4" conduit up to 10 ga mild steel 4" conduit up to 10 ga stainless steel



LS50L2

### LS50L2

- Auto-stop feature – detects punch completion and automatically stops, helping to prevent damage to knockout parts

#### SPECIFICATIONS

Tonnage	7
Capacity	4" conduit up to 12 ga mild steel 3" conduit up to 10 ga mild steel 2" conduit up to 12 ga stainless steel

# BATTERY-HYDRAULIC KITS WITH SLUG-BUSTER® PUNCHES



LS100X11SB4

## LS100X INTELLI-PUNCH™ 11-TON BATTERY-HYDRAULIC KNOCKOUT KITS

CAT NO.	UPC NO.	DESCRIPTION
LS100X11SB4	783310064848	Slug-Buster® 1/2" to 4" Conduit
LS100X11SB4X	783310064855	Slug-Buster® 1/2" to 3" and 4" Conduit
LS100X11SB	783310064831	Slug-Buster® 1/2" to 2" Conduit
LS100X11A	783310064824	Driver, Draw Studs, Batteries, Charger and Case
LS100XB	783310064817	Driver and Case Only
LS100X	783310088059	Driver Only



LS50L11B4

## LS50L2 7-TON BATTERY-HYDRAULIC KNOCKOUT KITS

CAT NO.	UPC NO.	DESCRIPTION
LS50L11B4	783310037743	Slug-Buster® 1/2" to 4" Conduit
LS50L11B	783310049562	Slug-Buster® 1/2" to 2" Conduit
LS50L11A	783310049517	Driver, Draw Studs, Battery, Charger and Case
LS50LB	783310011316	Driver and Case Only
LS50L2	783310088042	Driver Only



7304



## LARGE DIAMETER KNOCKOUT EXPANSION SET

CAT NO.	UPC NO.	DESCRIPTION
7304	783310028154	Standard Round 2-1/2", 3", 3-1/2" and 4" Conduit

Upgrade your knockouts and case to fit your existing manual-hydraulic ram and hand pump driver.



KCC4-LS

Fits Greenlee LS50L2 or LS100X tool, two batteries and a charger

## KNOCKOUT UPGRADE SETS FOR BATTERY-HYDRAULIC DRIVERS

CAT NO.	UPC NO.	DESCRIPTION
KCC4-LS	783310088028	Slug-Buster® 1/2" to 4" Conduit
KCC2-LS	783310088004	Slug-Buster® 1/2" to 2" Conduit

## PARTS LIST

CONDUIT SIZE	HOLE SIZE		CAT. NO.	DESCRIPTION	LS100X11SB4	LS100X11SB4X	LS100X11SB	LS50L11B4	LS50L11B	
	ACTUAL									
	IN	mm								
1/2"	7/8"	0.885	22.5	K2P-1/2	1/2" Slug-Buster® Punch	X	X	X	X	X
				KD-1/2	1/2" Knockout Die	X	X	X	X	X
3/4"	-	1.115	28.3	K2P-3/4	3/4" Slug-Buster® Punch	X	X	X	X	X
				KD-3/4	3/4" Knockout Die	X	X	X	X	X
1"	-	1.362	34.6	K2P-1	1" Slug-Buster® Punch	X	X	X	X	X
				KD-1	1" Knockout Die	X	X	X	X	X
1-1/4"	1-11/16"	1.701	43.2	K2P-1-1/4	1-1/4" Slug-Buster® Punch	X	X	X	X	X
				KD-1-1/4	1-1/4" Knockout Die	X	X	X	X	X
1-1/2"	1-15/16"	1.951	49.6	K2P-1-1/2	1-1/2" Slug-Buster® Punch	X	X	X	X	X
				KD-1-1/2	1-1/2" Knockout Die	X	X	X	X	X
2"	2-3/8"	2.416	61.5	K2P-2	2" Slug-Buster® Punch	X	X	X	X	X
				KD-2	2" Knockout Die	X	X	X	X	X
2-1/2"	2-7/8"	2.914	74.0	K3P-2-1/2	2-1/2" Standard Round Punch	X	X	-	X	-
				KD-2-1/2	2-1/2" Knockout Die	X	X	-	X	-
3"	3-1/2"	3.539	89.9	K3P-3	3" Standard Round Punch	X	X	-	X	-
				KD-3	3" Knockout Die	X	X	-	X	-
3-1/2"	4"	4.011	102.7	K3P-3-1/2	3-1/2" Standard Round Punch	X	-	-	X	-
				KD-3-1/2	3-1/2" Knockout Die	X	-	-	X	-
4"	4-1/2"	4.544	115.4	K3P-4	4" Standard Round Punch	X	X	-	X	-
				KD-4	4" Knockout Die	X	X	-	X	-
				DSH-7/16	7/16" Hydraulic Draw Stud	X	X	X	X	X
				DSH-3/4	3/4" Hydraulic Draw Stud	X	X	X	X	X
				DSH-1-1/8	1-1/8" Hydraulic Draw Stud	X	X	-	X	-
				LS50L2	7-Ton Battery-Hydraulic Driver	-	-	-	X	X
				LS100X	LS100X Intelli-PUNCH™ 11-Ton Battery-Hydraulic Driver	X	X	X	-	-
				52190	18V Li-ion 2.0Ah Battery	-	-	-	X	X
				52189	18V Li-ion 3.0Ah Battery	-	-	-	-	-
				52186	120V AC Charger	X	X	X	X	X
				KCC-LS2	Case for 1/2" - 2" Battery-Hydraulic Kits	-	-	X	-	X
				KCC-LS4	Case for 1/2" - 4" Battery-Hydraulic Kits	-	X	X	X	-

# MANUAL-HYDRAULIC RAM & PUMP KITS WITH SLUG-BUSTER® PUNCHES



7310SB

- 11 tons of punching force
- Time Saver – punches 10 times faster than wrench method
- Compact, lightweight design for easy portability and fast, one-person operation
- Foot operation frees both hands to position punch
- Punch 4" conduit up to 10 ga mild steel and 12 ga stainless steel
- Also punches brass, copper, aluminum, fiberglass and plastics

## 11-TON HYDRAULIC KNOCKOUT KITS WITH HAND PUMP

CAT. NO.	UPC NO.	DESCRIPTION
7310SB	783310343615	Slug-Buster® 1/2" to 4"
7309SB	783310088325	Slug-Buster® 1/2", 3" and 4"
7306SB	783310343608	Slug-Buster® 1/2" to 2"
7646	783310159063	Ram and Hand Pump Group, Draw Studs, and Case Only



7610SB

## 11-TON HYDRAULIC KNOCKOUT KITS WITH FOOT PUMP

CAT. NO.	UPC NO.	DESCRIPTION
7610SB	783310071747	Slug-Buster® 1/2" to 4"
7606SB	783310071730	Slug-Buster® 1/2" to 2"
7625	783310250975	Ram/Foot Pump Group, Draw Studs, and Case Only



7304



## LARGE DIAMETER KNOCKOUT EXPANSION SET

CAT. NO.	UPC NO.	DESCRIPTION
7304	783310028154	Standard Round 2-1/2", 3", 3-1/2" and 4" Conduit

Upgrade your knockouts and case to fit your existing manual-hydraulic ram and hand pump driver.



Fits Greenlee 746A Ram and 767 Hand Pump

KCC4-767

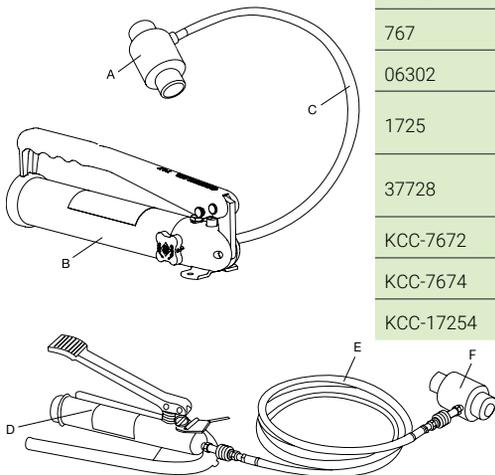


## KNOCKOUT UPGRADE SETS FOR RAM AND HAND PUMP

CAT. NO.	UPC NO.	DESCRIPTION
 KCC4-767	783310088011	Slug-Buster® 1/2" to 4" Conduit
 KCC2-767	783310087991	Slug-Buster® 1/2" to 2" Conduit

## PARTS LIST

CONDUIT SIZE	HOLE SIZE		CAT. NO.	DESCRIPTION	7310SB	7309SB	7306SB	7610SB	7606SB	
	ACTUAL									
	IN	mm								
1/2"	7/8"	0.885	22.5	K2P-1/2	1/2" Slug-Buster® Punch	X	X	X	X	X
				KD-1/2	1/2" Knockout Die	X	X	X	X	X
3/4"	-	1.115	28.3	K2P-3/4	3/4" Slug-Buster® Punch	X	X	X	X	X
				KD-3/4	3/4" Knockout Die	X	X	X	X	X
1"	-	1.362	34.6	K2P-1	1" Slug-Buster® Punch	X	X	X	X	X
				KD-1	1" Knockout Die	X	X	X	X	X
1-1/4"	1-11/16"	1.701	43.2	K2P-1-1/4	1-1/4" Slug-Buster® Punch	X	X	X	X	X
				KD-1-1/4	1-1/4" Knockout Die	X	X	X	X	X
1-1/2"	1-15/16"	1.951	49.6	K2P-1-1/2	1-1/2" Slug-Buster® Punch	X	X	X	X	X
				KD-1-1/2	1-1/2" Knockout Die	X	X	X	X	X
2"	2-3/8"	2.416	61.5	K2P-2	2" Slug-Buster® Punch	X	X	X	X	X
				KD-2	2" Knockout Die	X	X	X	X	X
2-1/2"	2-7/8"	2.914	74.0	K3P-2-1/2	2-1/2" Slug-Buster® Punch	X	-	X	X	-
				KD-2-1/2	2-1/2" Knockout Die	X	-	X	X	-
3"	3-1/2"	3.539	89.9	K3P-3	3" Slug-Buster® Punch	X	-	X	X	-
				KD-3	3" Knockout Die	X	-	X	X	-
3-1/2"	4"	4.011	102.7	K3P-3-1/2	3-1/2" Slug-Buster® Punch	X	-	X	-	-
				KD-3-1/2	3-1/2" Knockout Die	X	-	X	-	-
4"	4-1/2"	4.544	115.4	K3P-4	4" Slug-Buster® Punch	X	-	X	X	-
				KD-4	4" Knockout Die	X	-	X	X	-
				DSH-7/16	7/16" Hydraulic Draw Stud	X	X	X	X	X
				DSH-3/4	3/4" Hydraulic Draw Stud	X	X	X	X	X
				DSH-1-1/8	1-1/8" Hydraulic Draw Stud	X	X	-	X	-
				746A	(A) Ram	X	X	X	-	-
				746ATC	(F) Ram	-	-	-	X	X
				767	(B) Hydraulic Hand Pump	X	X	X	-	-
				06302	(C) High Pressure Hose - 1/4" x 3'	X	X	X	-	-
				1725	(D) Hydraulic Foot Pump (includes 1 ea. - 54167 Female Coupler and 54168 Dust Plug)	-	-	-	X	X
				37728	(E) High Pressure Hose Unit - 1/4" x 10'; filled with hydraulic oil; (includes 2 ea. - 54169 coupler and 54170 dust cap)	-	-	-	X	X
				KCC-7672	Case for 1/2" - 2" Ram and Hand Pump Kits	-	-	X	-	-
				KCC-7674	Case for 1/2" - 4" Ram and Hand Pump Kits	X	X	-	-	-
				KCC-17254	Steel Case for 1/2" - 4" Ram and Foot Pump Kits	-	-	-	X	X



# MANUAL-HYDRAULIC RAM & PUMP KITS WITH STANDARD ROUND PUNCHES



7310

- 11 tons of punching force
- Time Saver – punches 10 times faster than wrench method
- Compact, lightweight design for easy portability and fast, one-person operation
- Foot operation frees both hands to position punch
- Punch 4" conduit up to 10 ga mild steel and 12 ga stainless steel
- Also punches brass, copper, aluminum, fiberglass and plastics

## 11-TON MANUAL-HYDRAULIC KNOCKOUT KITS WITH HAND PUMP

CAT. NO.	UPC NO.	DESCRIPTION
7310	783310159100	Standard Round 1/2" to 4" Conduit
7309	783310088318	Standard Round 1/2" to 3" and 4" Conduit
7306	783310159094	Standard Round 1/2" to 2" Conduit
7646	783310159063	Ram and Hand Pump Group, Draw Studs, and Case Only



7304

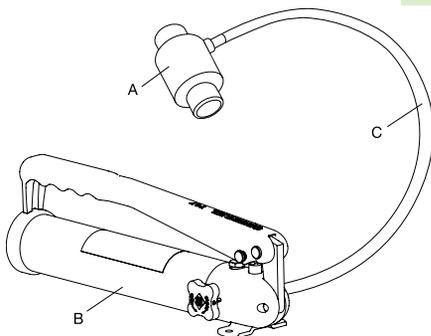


## LARGE DIAMETER KNOCKOUT EXPANSION SET

CAT. NO.	UPC NO.	DESCRIPTION
7304	783310028154	Standard Round 2-1/2", 3", 3-1/2" and 4" Conduit

## PARTS LIST

CONDUIT SIZE	HOLE SIZE		CAT. NO.	DESCRIPTION	7310	7309	7306	
	ACTUAL							
	IN	mm						
1/2"	7/8"	0.885	22.5	K3P-1/2	1/2" Standard Round Punch	X	X	X
				KD-1/2	1/2" Knockout Die	X	X	X
3/4"	-	1.115	28.3	K3P-3/4	3/4" Standard Round Punch	X	X	X
				KD-3/4	3/4" Knockout Die	X	X	X
1"	-	1.362	34.6	K3P-1	1" Standard Round Punch	X	X	X
				KD-1	1" Knockout Die	X	X	X
1-1/4"	1-11/16"	1.701	43.2	K3P-1-1/4	1-1/4" Standard Round Punch	X	X	X
				KD-1-1/4	1-1/4" Knockout Die	X	X	X
1-1/2"	1-15/16"	1.951	49.6	K3P-1-1/2	1-1/2" Standard Round Punch	X	X	X
				KD-1-1/2	1-1/2" Knockout Die	X	X	X
2"	2-3/8"	2.416	61.5	K3P-2	2" Standard Round Punch	X	X	X
				KD-2	2" Knockout Die	X	X	X
2-1/2"	2-7/8"	2.914	74.0	K3P-2-1/2	2-1/2" Standard Round Punch	X	X	-
				KD-2-1/2	2-1/2" Knockout Die	X	X	-
3"	3-1/2"	3.539	89.9	K3P-3	3" Standard Round Punch	X	X	-
				KD-3	3" Knockout Die	X	X	-
3-1/2"	4"	4.011	102.7	K3P-3-1/2	3-1/2" Standard Round Punch	X	-	-
				KD-3-1/2	3-1/2" Knockout Die	X	-	-
4"	4-1/2"	4.544	115.4	K3P-4	4" Standard Round Punch	X	X	-
				KD-4	4" Knockout Die	X	X	-
				DSH-7/16	7/16" Hydraulic Draw Stud	X	X	X
				DSH-3/4	3/4" Hydraulic Draw Stud	X	X	X
				DSH-1-1/8	1-1/8" Hydraulic Draw Stud	X	X	-
				746A	(A) Ram	X	X	X
				767	(B) Hydraulic Hand Pump	X	X	X
				06302	(C) High Pressure Hose - 1/4" x 3'	X	X	X
				KCC-7672	Case for 1/2" - 2" Ram and Hand Pump Kits	-	-	X
				KCC-7674	Case for 1/2" - 4" Ram and Hand Pump Kits	X	X	-



# QUICK DRAW® MANUAL-HYDRAULIC KITS WITH SLUG-BUSTER® PUNCHES



## Quick Draw® 8-Ton Manual-Hydraulic Drivers

- 8 tons of punching force
- Compact Design – for portability and fast, easy one-person operation
- Punch 2" conduit up to 10 ga mild steel and 12 ga stainless steel
- Also punches brass, copper, aluminum, fiberglass and plastics



## Quick Draw 90®

- 180° Rotating Head – Right angle driver head rotates over 180° for maneuverability in tight work areas

### QUICK DRAW 90® 8-TON HYDRAULIC KNOCKOUT KITS

CAT. NO.	UPC NO.	DESCRIPTION
7906SB	783310343004	Slug-Buster® 1/2" to 2"
7904SB	783310337942	Driver, Draw Studs and Case Only



## Quick Draw®

- Fast, straight-on punching

### QUICK DRAW® 8-TON HYDRAULIC KNOCKOUT KITS

CAT. NO.	UPC NO.	DESCRIPTION
7806SB	783310342939	Slug-Buster® 1/2" to 2"
7804SB	783310342922	Driver, Draw Studs and Case Only



## Quick Draw® Flex

- Flex head allows for maximum flexibility in tight working areas

### QUICK DRAW® FLEX 8-TON HYDRAULIC KNOCKOUT KITS

CAT. NO.	UPC NO.	DESCRIPTION
7706SB	783310104766	Slug-Buster® 1/2" to 2"
7704SB	783310104759	Driver, Draw Studs and Case Only

Upgrade your knockouts and case to fit your existing Quick Draw 90® or Quick Draw® drivers.



KCC2-QD

Fits Greenlee Quick Draw® or Quick Draw c90® Driver

### KNOCKOUT UPGRADE SETS FOR QUICK DRAW DRIVERS

CAT. NO.	UPC NO.	DESCRIPTION
KCC2-QD	783310087984	Slug-Buster® 1/2" to 2" Conduit

## PARTS LIST

CONDUIT SIZE	HOLE SIZE			CAT. NO.	DESCRIPTION	7906SB	7806SB	7706SB
	ACTUAL		mm					
	IN							
1/2"	7/8"	0.885	22.5	K2P-1/2	1/2" Slug-Buster® Punch	X	X	X
				KD-1/2	1/2" Knockout Die	X	X	X
3/4"	-	1.115	28.3	K2P-3/4	3/4" Slug-Buster® Punch	X	X	X
				KD-3/4	3/4" Knockout Die	X	X	X
1"	-	1.362	34.6	K2P-1	1" Slug-Buster® Punch	X	X	X
				KD-1	1" Knockout Die	X	X	X
1-1/4"	1-11/16"	1.701	43.2	K2P-1-1/4	1-1/4" Slug-Buster® Punch	X	X	X
				KD-1-1/4	1-1/4" Knockout Die	X	X	X
1-1/2"	1-15/16"	1.951	49.6	K2P-1-1/2	1-1/2" Slug-Buster® Punch	X	X	X
				KD-1-1/2	1-1/2" Knockout Die	X	X	X
2"	2-3/8"	2.416	61.5	K2P-2	2" Slug-Buster® Punch	X	X	X
				KD-2	2" Knockout Die	X	X	X
				DSH-S7/16	7/16" Short Hydraulic Draw Stud	X	X	X
				DSH-S3/4	3/4" Short Hydraulic Draw Stud	X	X	X
				33786	Quick Draw 90® Hydraulic Driver	X	-	-
				34288	Quick Draw® Hydraulic Driver	-	X	-
				10383	Quick Draw Flex® Hydraulic Driver	-	-	X
				KCC2-QD	Case for 1/2" - 2" Quick Draw 90® and Quick Draw® Kits	X	X	-
				KCC2-QDF	Case for 1/2" - 2" Quick Draw Flex® Kits	-	-	X

# RATCHET KITS AND MANUAL SETS



- New and improved high-leverage wrench with five-degree ratcheting mechanism provides versatility and accessibility in tight spaces
- The long, over-mold handle offers greater leverage, comfort and grip
- Punch 1/2" to 2" conduit size holes in 10 ga mild steel
- punches aluminum, brass, copper, fiberglass and plastics



7238SB

New High-Leverage Ratchet Wrench

## RATCHET WRENCH KITS

CAT. NO.	UPC NO.	DESCRIPTION
7238SB	783310347576	Slug-Buster® 1/2" to 2"
7240SB	783310028604	Slug-Buster® 1/2", 3/4" Conduit, 30.5 mm



7237BB

## MANUAL KNOCKOUT SETS

CAT. NO.	UPC NO.	DESCRIPTION
7237BB	783310320142	Slug-Buster® 1-1/2" to 2" Conduit
737BB	783310199748	Standard Round 1-1/2" to 2" Conduit
7235BB	783310320135	Slug-Buster® 1/2" to 1-1/4" Conduit
735BB	783310199731	Standard Round 1/2" to 1-1/4" Conduit



36691

## RATCHET WRENCH KITS – METRIC

CAT. NO.	UPC NO.	DESCRIPTION
36690	783310366904	Slug-Buster® Pg-9 to Pg-21 and 30.5 mm
36691	783310366911	Slug-Buster® Pg-9 to Pg-48 and 30.5 mm
36692	783310366928	Slug-Buster® ISO-16 to ISO-40
36693	783310366935	Slug-Buster® ISO-16 to ISO-63

## PARTS LIST

CONDUIT SIZE	HOLE SIZE		CAT NO.	DESCRIPTION	7238SB	7240SB	7237BB	737BB	7235BB	735BB	
	ACTUAL										
	INCHES	MM									
1/2"	7/8"	0.885	22.5	K2P-1/2	1/2" Slug-Buster® Punch	X	X	-	-	X	-
				K3P-1/2	1/2" Standard Round Punch	-	-	-	-	-	X
				KD-1/2	1/2" Knockout Die	X	X	-	-	X	X
3/4"	-	1.115	28.3	K2P-3/4	3/4" Slug-Buster® Punch	X	X	-	-	X	-
				K3P-3/4	3/4" Standard Round Punch	-	-	-	-	-	X
				KD-3/4	3/4" Knockout Die	X	X	-	-	X	X
-	1-7/32"	1.219	30.5	K2PM-0305	30.5 mm Slug-Buster® Punch	-	X	-	-	-	-
				KDM-0305	30.5 mm Knockout Die	-	X	-	-	-	-
1"	-	1.362	34.6	K2P-1	1" Slug-Buster® Punch	X	-	-	-	X	-
				K3P-1	1" Standard Round Punch	-	-	-	-	-	X
				KD-1	1" Knockout Die	X	-	-	-	X	X
1-1/4"	1-11/16"	1.701	43.2	K2P-1-1/4	1-1/4" Slug-Buster® Punch	X	-	-	-	X	-
				K3P-1-1/4	1-1/4" Standard Round Punch	-	-	-	-	-	X
				KD-1-1/4	1-1/4" Knockout Die	X	-	-	-	X	X
1-1/2"	1-15/16"	1.951	49.6	K2P-1-1/2	1-1/2" Slug-Buster® Punch	X	-	X	-	-	-
				K3P-1-1/2	1-1/2" Standard Round Punch	-	-	-	X	-	-
				KD-1-1/2	1-1/2" Knockout Die	X	-	X	X	-	-
2"	2-3/8"	2.416	61.5	K2P-2	2" Slug-Buster® Punch	X	-	X	-	-	-
				K3P-2	2" Standard Round Punch	-	-	-	X	-	-
				KD-2	2" Knockout Die	X	-	X	X	-	-
				DSBB-7/16	7/16" Manual Draw Stud for 1/2" Conduit Size Knockouts	X	X	X	X	X	X
				DSBB-3/4	3/4" Manual Draw Stud for 3/4" - 2" Conduit Size Knockouts	X	X	X	X	X	X
				KRW-1	1" Ratchet Wrench	X	X	-	-	-	-
				KCC-RW2	Case for 1/2" - 2" Ratchet Wrench Kits	X	X	-	-	-	-
				KCC-BB2	Case for 1-1/2" - 2" Manual Sets	-	-	X	X	-	-
				KCC-BB1-1/4	Case for 1/2" - 1-1/4" Manual Sets	-	-	-	-	X	X

# RATCHET KITS PARTS LIST – METRIC

HOLE SIZE			CAT. NO.	DESCRIPTION	36690	36691	36692	36693	
IN	mm	PG/ISO							
-	0.598	15.2	Pg-9	721E-15.2	Pg-9 Slug-Buster® Punch	X	X	-	-
				32002	Pg-9 Knockout Die	X	X	-	-
-	0.638	16.2	ISO-16	35163	ISO-16 Slug-Buster® Punch	-	-	X	X
				35162G	ISO-16 Knockout Die	-	-	X	X
-	0.732	18.6	Pg-11	721E-18.6	Pg-11 Slug-Buster® Punch	X	X	-	-
				32003	Pg-11 Knockout Die	X	X	-	-
-	0.803	20.4	Pg-13.5 / ISO-20	721E-20.4	Pg-13 Slug-Buster® Punch	X	X	X	X
				32004	Pg-13 Knockout Die	X	X	X	X
7/8	0.885	22.5	Pg-16	721E-22.5	Pg-16 Slug-Buster® Punch	X	X	-	-
				14722	Pg-16 Knockout Die	X	X	-	-
1	1.000	25.4	ISO-25	35165	ISO-25 Slug-Buster® Punch	-	-	X	X
				35164	ISO-25 Knockout Die	-	-	X	X
-	1.115	28.3	Pg-21	721E-28.3	Pg-21 Slug-Buster® Punch	X	X	-	-
				32006	Pg-21 Knockout Die	X	X	-	-
1-7/32	1.219	30.5	-	36284	30.5 mm Slug-Buster® Punch	X	X	-	-
				36279	30.5 mm Knockout Die	X	X	-	-
-	1.280	32.5	ISO-32	35169	ISO-32 Slug-Buster® Punch	-	-	X	X
				35168	ISO-32 Knockout Die	-	-	X	X
-	1.457	37.0	Pg-29	721E-37.0	Pg-29 Slug-Buster® Punch	-	X	-	-
				32008	Pg-29 Knockout Die	-	X	-	-
-	1.595	40.5	ISO-40	35158	ISO-40 Slug-Buster® Punch	-	-	X	X
				35159	ISO-40 Knockout Die	-	-	X	X
-	1.850	47.0	Pg-36	721E-47.0	Pg-36 Slug-Buster® Punch	-	X	-	-
				32009	Pg-36 Knockout Die	-	X	-	-
2	2.000	50.8	ISO-50	35160	ISO-50 Slug-Buster® Punch	-	-	-	X
				35161	ISO-50 Knockout Die	-	-	-	X
-	2.362	60.0	Pg-48	721E-60.0	Pg-48 Slug-Buster® Punch	-	X	-	-
				32011	Pg-48 Knockout Die	-	X	-	-
2-1/2	2.520	64.0	ISO-63	35167G	ISO-63 Slug-Buster® Punch	-	-	-	X
				35166	ISO-63 Knockout Die	-	-	-	X
				00042	Ball-Bearing Drive Nut with 1" Hex Head – 3/8" x 3"	X	X	X	X
				249AVBB	Draw Stud – 3/4" x 2-1/8"	-	-	X	-
				304AVBB	Draw Stud – 3/4" x 2-15/16"	-	X	-	X
				KRW-1	1" Ratchet Wrench	X	X	X	X
				KCC-RWM	Case for Metric Ratchet Wrench Kits	X	X	X	X

## SLUG-BUSTER® SETS AND PARTS

CONDUIT SIZE	HOLE SIZE			CAPACITY MILD STEEL		CAT. NO.				
	ACTUAL		PG/ISO	ga	mm	SET	PUNCH	DIE	MANUAL DS	
	IN	mm								
-	0.492	-	12.5	-	16	1.5	06727	06728	06729	1675AV
-	0.598	-	15.2	Pg 9	14	2.0	7211EBB-15.2	721E-15.2	32002	00042
-	0.638	-	16.2	ISO-16	14	2.0	35177	35163	35162G	00042
-	0.732	-	18.6	Pg 11	14	2.0	7211EBB-18.6	721E-18.6	32003	00042
-	0.750	3/4"	19.1	-	14	2.0	12307	12306	12305	00042
-	0.803	-	20.4	Pg 13.5 / ISO-20	14	2.0	7211EBB-20.4	721E-20.4	32004	00042
1/2"	0.885	-	22.5	Pg 16	10	3.5	K2BB-1/2	K2P-1/2	KD-1/2	DSBB-7/16
-	0.937	15/16"	23.8	-	14	2.0	12338	12340	1761AV	00042
-	1.000	1"	25.4	ISO-25	14	2.0	35178	35165	35164	00042
-	1.063	1-1/16"	27.0	-	14	2.0	12341	12343	1764AV	00042
3/4"	1.115	-	28.3	Pg 21	10	3.5	K2BB-3/4	K2P-3/4	KD-3/4	DSBB-3/4
3/4"	1.115	-	28.3	Pg 21	14	2.0	7211EBB-28.3	721E-28.3	32006	00042
-	1.219	1-7/32"	30.5	-	10	3.5	K2BBM-0305	K2PM-0305	KDM-0305	DSBB-3/4
-	1.219	1-7/32"	30.5	-	14	2.0	36508	36284	36279	00042
-	1.250	1-1/4"	31.8	-	16	1.5	12308	12309	12310	00042
-	1.280	-	32.5	ISO-32	10	3.5	35179	35169	35168	249AVBB
1"	1.362	-	34.6	-	10	3.5	K2BB-1	K2P-1	KD-1	DSBB-3/4
-	1.457	-	37.0	Pg 29	10	3.5	7211EBB-37	721E-37.0	32008	249AVBB
-	1.500	1-1/2"	38.1	-	10	3.5	12313	12312	3208AV	249AVBB
-	1.595	-	40.5	ISO-40	10	3.5	35180G	35158	35159	249AVBB
-	1.625	1-5/8"	41.3	-	10	3.5	12347	12349	1793AV	249AVBB
1-1/4"	1.701	-	43.2	-	10	3.5	K2BB-1-1/4	K2P-1-1/4	KD-1-1/4	DSBB-3/4
-	1.750	1-3/4"	44.5	-	10	3.5	12316	12315	1815AV	249AVBB
-	1.850	-	47.0	Pg 36	10	3.5	7211EBB-47.0	721E-47.0	32009	304AVBB
-	1.875	1-7/8"	47.6	-	10	3.5	12350	12354	1792AV	304AVBB
1-1/2"	1.951	-	49.6	-	10	3.5	K2BB-1-1/2	K2P-1-1/2	KD-1-1/2	DSBB-3/4
-	2.000	2"	50.8	ISO-50	10	3.5	35181	35160	35161	304AVBB
-	2.125	2-1/8"	54.0	-	10	3.5	36171	36172	36173	304AVBB
-	2.250	2-1/4"	57.2	-	10	3.5	12351	12355	438AV	304AVBB
-	2.362	-	60.0	Pg 48	10	3.5	7211EBB-60.0	721E-60.0	32011	304AVBB
2"	2.416	-	61.4	-	10	3.5	K2BB-2	K2P-2	KD-2	DSBB-3/4
-	2.520	-	64.0	ISO-63	10	3.5	35182G	35167	35166	304AVBB

# STANDARD ROUND SETS AND PARTS

CONDUIT SIZE	HOLE SIZE			CAPACITY MILD STEEL		CAT. NO.				
	ACTUAL		PG/ISO	ga	mm	SET	PUNCH	DIE	MANUAL DS	
	IN	mm								
-	0.500	1/2"	12.7	-	16	1.5	730-1/2	1760AV	1759AV	1675AV
-	0.563	9/16"	14.3	-	16	1.5	730-9/16	1754AV	1753AV	1675AV
-	0.598	-	15.2	Pg 9	14	2.0	21115	21316	32002	00042
-	0.625	5/8"	15.9	-	16	1.5	730-5/8	1742AV	1743AV	1675AV
-	0.638	-	16.2	ISO-16	14	2.0	35192G	35193	35162G	00042
-	0.688	11/16"	17.5	-	14	2.0	730BB-11/16	1752AV	1751AV	00042
-	0.732	-	18.6	Pg 11	14	2.0	730EBB-18.6	17700	32003	00042
-	0.750	3/4"	19.1	-	14	2.0	730BB-3/4	113AV	12305	00042
-	0.803	-	20.4	Pg 13.5 / ISO-20	14	2.0	730EBB-20.4	17697	32004	00042
-	0.812	13/16"	20.6	-	14	2.0	730BB-13/16	1745AV	1744AV	00042
1/2"	0.885	-	22.5	Pg 16	10	3.5	K3BB-1/2	K3P-1/2	KD-1/2	DSBB-7/16
-	0.937	15/16"	23.8	-	14	2.0	730BB-15/16	1762AV	1761AV	00042
-	1.000	1"	25.4	ISO-25	14	2.0	730BB-1	87AV	35164	00042
-	1.063	1-1/16"	27.0	-	14	2.0	730BB-1-1/16	1763AV	1764AV	00042
3/4"	1.115	-	28.3	Pg 21	10	3.5	K3BB-3/4	K3P-3/4	KD-3/4	DSBB-3/4
3/4"	1.115	-	28.3	Pg 21	14	2.0	36910	36882	32006	00042
-	1.125	1-1/8"	28.6	-	14	2.0	730BB-1-1/8	91AV	92AV	00042
-	1.219	1-7/32"	30.5	-	16	1.5	36506	36282	36279	00042
-	1.250	1-1/4"	31.8	-	16	1.5	730BB-1-1/4	117AV	12310	00042
-	1.280	-	32.5	ISO-32	10	3.5	24476	24459	35168	249AVBB
-	1.313	1-5/16"	33.4	-	16	1.5	730BB-1-5/16	1747AV	1746AV	00042
1"	1.362	-	34.6	-	10	3.5	K3BB-1	K3P-1	KD-1	DSBB-3/4
-	1.375	1-3/8"	34.9	-	10	3.5	730BB-1-3/8	3205AV	3206AV	249AVBB
-	1.457	-	37.0	Pg 29	10	3.5	730EBB-37	18331	32008	249AVBB
-	1.500	1-1/2"	38.1	-	10	3.5	730BB-1-1/2	3207AV	3208AV	249AVBB
-	1.595	-	40.5	ISO-40	10	3.5	24477	24462	35159	249AVBB
-	1.625	1-5/8"	41.3	-	10	3.5	730BB-1-5/8	1794AV	1793AV	249AVBB
1-1/4"	1.701	-	43.2	-	10	3.5	K3BB-1-1/4	K3P-1-1/4	KD-1-1/4	DSBB-3/4
-	1.750	1-3/4"	44.5	-	10	3.5	730BB-1-3/4	1816AV	1815AV	249AVBB
-	1.850	-	47.0	Pg 36	10	3.5	730EBB-47.0	17687	32009	304AVBB
-	1.875	1-7/8"	47.6	-	10	3.5	730BB-1-7/8	1791AV	1792AV	304AVBB
1-1/2"	1.951	-	49.6	-	10	3.5	K3BB-1-1/2	K3P-1-1/2	KD-1-1/2	DSBB-3/4
-	2.000	2"	50.8	ISO-50	10	3.5	730BB-2	1756AV	35161	304AVBB
-	2.125	2-1/8"	54.0	-	10	3.5	730BB-2-1/8	1783AV	36173	304AVBB
-	2.250	2-1/4"	57.2	-	10	3.5	730BB-2-1/4	437AV	438AV	304AVBB
-	2.362	-	60.0	Pg 48	10	3.5	730EBB-60.0	17690	32011	304AVBB
2"	2.416	-	61.4	-	10	3.5	K3BB-2	K3P-2	KD-2	DSBB-3/4
-	2.500	2-1/2"	63.5	-	10	3.5	730BB-2-1/2	1758AV	1757AV	304AVBB
-	2.520	-	64.0	ISO-63	-	-	-	-	-	304AVBB

## STANDARD ROUND SETS AND PARTS (CONT'D)

CONDUIT SIZE	HOLE SIZE			CAPACITY MILD STEEL		CAT. NO.						
	ACTUAL		PG/ISO	ga	mm	SET	PUNCH	DIE	MANUAL DS	BB NUT	BUSHING	
	SIZE	mm										
-	2.625	2-5/8"	66.7	-	10	3.5	730PBB-2-5/8	1795AV	1796AV	1434AV	1433AVBB	-
-	2.750	2-3/4"	69.9	-	10	3.5	730BB-2-3/4	1790AV	1789AV	1434AV	1433AVBB	-
-	2.781	-	70.6	-	10	3.5	730MBB	730101A	730100A	1434AV	1433AVBB	-
2-1/2"	2.914	-	74.0	-	10	3.5	K3BB-2-1/2	K3P-2-1/2	KD-2-1/2	DSBB-1-1/8	3036AVBB	-
-	3.000	3"	76.2	-	10	3.5	730BB-3	1821AV	1820AV	1434AV	1433AVBB	-
-	3.125	3-1/8"	79.4	-	10	3.5	730TBB	1798AV	1797AV	1434AV	1433AVBB	-
-	3.228	-	82.0	-	10	3.5	730EBB-82	18905	18906	1434AV	1433AVBB	-
3"	3.539	-	89.9	-	10	3.5	K3BB-3	K3P-3	KD-3	DSBB-1-1/8	3036AVBB	-
-	3.750	3-3/4"	95.3	-	10	3.5	730PBB-3-3/4	4640AV	4641AV	1434AV	1433AVBB	3037AV
3-1/2"	4.011	-	102.7	-	10	3.5	K3BB-3-1/2	K3P-3-1/2	KD-3-1/2	DSBB-1-1/8	3036AVBB	3037AV
4"	4.544	-	115.4	-	10	3.5	K3BB-4	K3P-4	KD-4	DSBB-1-1/8	3036AVBB	3037AV
-	4.724	-	120.0	-	10	3.5	730EBB-120	21489	21491	DSBB-1-1/8	3036AVBB	3037AV
5"	5.675	-	144.1	-	10	3.5	743BB	5135AV	5136AV	DSBB-1-1/8	3036AVBB	3037AV
6"	6.375	-	161.9	-	10	3.5	744BB	5137AV	5138AV	DSBB-1-1/8	3036AVBB	3037AV

# REPLACEMENT THREADED DRAW STUDS FOR HYDRAULIC DRIVERS

Use with LS100X, LS50L2, 746A Ram

3/8"-24 x 4-13/16"



20963 / 783310209638

7/16"-20 x 5"



 DSH-7/16 / 783310090632

3/4"-16 x 5-5/8"



 DSH-3/4 / 783310090663

1 1/8"-12 x 6"



 DSH-1-1/8 / 783310090670

Use with Quick Draw®, LS50L

3/4"-x 3/8"  
internal



33967 / 783310339670

3/8"-24 x 2-13/16"



1614SS / 783310300434

7/16-20"-x 4-1/4"



 DSH-S7/16 / 783310090649

3/4"-16 x 4-13/16"



 DSH-S3/4 / 783310090656

# REPLACEMENT DRAW STUDS FOR MANUAL USE

• For proper size selection, see page 71 – 73

3/8"-24 x 1-3/4"



00042 / 783310000426

1/4"-28 x 1-1/2"



1675AV / 783310042181

7/16"-20 x 3"



**N** DSBB-7/16 / 783310090601

3/4"-16 x 3-3/8"



**N** DSBB-3/4 / 783310090625

3/4"-16 x 2-1/8"



249AVBB / 783310040408

3/4"-16 x 2-15/16"



304AVBB / 783310040422

Use with KRW-1

# REPLACEMENT DRAW STUDS FOR MANUAL USE

• For proper size selection, see page 73



1433AVBB / 783310041870  
1"-12 UNF, 1-1/2" hex



1434AV / 783310041870  
3/4" -15 x 5-3/8"



 DSBB-1-1/8 / 783310090687  
1-1/8"-16 x 8-3/8"



3036AVBB / 783310046851  
1-3/8"-12, 2" hex



3037AV / 783310046868  
1.125" x 1.87"

## HYDRAULIC C-FRAME KITS



1731

- Fast, one-shot punching – eliminates need for pilot hole
- Throat measures 8" (203 mm) deep
- Punch up to 10 ga mild steel

### 1731 HYDRAULIC C-FRAME KITS

- Great for punching junction boxes and small enclosures
- Punch can be used with ram inside or outside of the junction box
- For use with 1/2" – 1" conduit size and accessory sizes only

### 1732 HYDRAULIC C-FRAME KIT

- Use with Greenlee 1/2" – 4" conduit size standard round punches and dies only

### HYDRAULIC C-FRAME KITS

CAT. NO.	UPC NO.	DESCRIPTION
1731	783310159117	Hydraulic C-Frame Kit
1731H767	783310204862	Hydraulic C-Frame Kit with Hand Pump
1732	783310273615	Hydraulic C-Frame Kit with Hand Pump



1732

CAT. NO.	DESCRIPTION	1731	1731H767	1732
12079	C-Frame (1731)	X	X	-
11903	C-Frame (1732)	-	-	X
15631	Ram (1731)	X	X	-
13577	Ram (1732)	-	-	X
06301	Hydraulic Hose – 1/4" x 3'	-	X	-
767	Hydraulic Hand Pump	-	X	-
13266	Punch Adapter – 3/8"	X	X	X
13267	Punch Adapter – 3/4"	X	X	X
13268	Punch Adapter – 1-1/8"	-	-	X
13261	Pilot Pin 1/2"	X	X	X
13262	Pilot Pin 3/4"	X	X	X
11791	Die Adapter – 3/4" x 3/8"	-	-	X
11790	Die Adapter – 3/4" x 3/4"	-	-	X
11789	Die Adapter – 3/4" x 1-7/8"	-	-	X
121AV	1/2" Conduit Size Standard Round Punch	X	X	-
12087	1/2" Conduit Size C-Frame Knockout Die	X	X	-
K3P-3/4	3/4" Conduit Size Standard Round Punch	X	X	-
12086	3/4" Conduit Size C-Frame Knockout Die	X	X	-
K3P-1	1" Conduit Size Standard Round Punch	X	X	-
12085	1" Conduit Size C-Frame Knockout Die	X	X	-
07714	Carrying Case	X	X	-
27335	Carrying Case	-	-	X

# BATTERY-HYDRAULIC KITS WITH SLUG SPLITTER® PUNCHES



- Slug Splitter® punches are the best solution for frequent usage in stainless steel
- Premium-grade tool steel for longer life in stainless steel
- Over 11 tons of punching force
- Punch 4" conduit up to 10 ga stainless and mild steel

## LS100X INTELLI-PUNCH™ 11-TON BATTERY-HYDRAULIC KNOCKOUT KITS

CAT NO.	UPC NO.	DESCRIPTION
LS100X11SS4	783310064879	Slug Splitter® 1/2" to 4" Conduit
LS100X11SS4X	783310064886	Slug Splitter® 1/2" to 3" and 4" Conduit
LS100X11SS	783310064862	Slug Splitter® 1/2" to 2" Conduit



## LARGE DIAMETER KNOCKOUT EXPANSION SET

CAT NO.	UPC NO.	DESCRIPTION
7308	783310006176	Stainless Steel 2-1/2", 3", 3-1/2" and 4" Conduit

## PARTS LIST

CONDUIT SIZE	HOLE SIZE			CAT. NO.	DESCRIPTION	LS100X1SS4	LS100X1SS4X	LS100X1SS
	ACTUAL		mm					
	IN							
1/2"	7/8"	0.885	22.5	28154	1/2" Slug Splitter® Punch	X	X	X
				28155	1/2" Knockout Die	X	X	X
3/4"	-	1.115	28.3	28156	3/4" Slug Splitter® Punch	X	X	X
				28157	3/4" Knockout Die	X	X	X
1"	-	1.362	34.6	28158	1" Slug Splitter® Punch	X	X	X
				28159	1" Knockout Die	X	X	X
1-1/4"	1-11/16"	1.701	43.2	28160	1-1/4" Slug Splitter® Punch	X	X	X
				28161	1-1/4" Knockout Die	X	X	X
1-1/2"	1-15/16"	1.951	49.6	28162	1-1/2" Slug Splitter® Punch	X	X	X
				28163	1-1/2" Knockout Die	X	X	X
2"	2-3/8"	2.416	61.5	28164	2" Slug Splitter® Punch	X	X	X
				28165	2" Knockout Die	X	X	X
2-1/2"	2-7/8"	2.914	74.0	00622	2-1/2" Stainless Steel Punch	X	X	-
				00626	2-1/2" Knockout Die	X	X	-
3"	3-1/2"	3.539	89.9	00623	3" Stainless Steel Punch	X	X	-
				00627	3" Knockout Die	X	X	-
3-1/2"	4"	4.011	102.7	00624	3-1/2" Stainless Steel Punch	X	-	-
				00629	3-1/2" Knockout Die	X	-	-
4"	4-1/2"	4.544	115.4	00625	4" Stainless Steel Punch	X	X	-
				00630	4" Knockout Die	X	X	-
				29451	7/16" x 4-1/4" Hydraulic Draw Stud	X	X	X
				29452	3/4" x 5-1/2" Hydraulic Draw Stud	X	X	X
				1557SS	Sleeve Adapter, SS	X	X	-
				15908	Spacer Group (Includes 1 of each of the following 3 items)	X	-	-
				1924AA	Spacer-Short	X	-	-
				1925AA	Spacer-Medium	X	-	-
				1926AA	Spacer-Long	X	X	-
				LS100X	LS100X Intelli-PUNCH™ 11-Ton Battery-Hydraulic Driver	X	X	X
				52189	18V Li-ion 3.0Ah Battery	2	2	2
				52186	120V AC Charger	X	X	X
				LS100XCC	Case for Battery-Hydraulic Kits	X	X	X

# MANUAL-HYDRAULIC RAM AND PUMP KITS WITH SLUG SPLITTER® PUNCHES



7506

## SLUG SPLITTERS

- Slug Splitter® punches are the best solution for frequent usage in stainless steel
- Premium-grade tool steel for longer life in stainless steel
- Unique punch profile splits slugs for easy slug removal
- 1/2" – 2" conduit size punches feature a self-centering design – aligns itself on pilot hole - no need to draw crosshairs
- 11 tons of puncing force
- Punch 4" conduit up to 10 ga stainless and mild steel

## 11-TON HYDRAULIC KNOCKOUT KITS WITH HAND PUMP

CAT NO.	UPC NO.	DESCRIPTION
7506	783310303855	Slug Splitter® 1/2" to 2" Conduit



744  
(driver not included)

## KNOCKOUT SETS

CAT NO.	UPC NO.	DESCRIPTION
744	783310296195	Slug Splitter® 1/2" to 1-1/4" Conduit
7307	783310295280	Slug Splitter® 1/2" to 2" Conduit, 30.5 mm
7308	783310006176	Stainless Steel 2-1/2", 3", 3-1/2" and 4" Conduit



7307  
(driver not included)



7308  
(driver not included)

## PARTS LIST

CONDUIT SIZE	HOLE SIZE		CAT. NO.	DESCRIPTION	7506	744	7307	7308	
	ACTUAL								
	IN	mm							
1/2"	7/8"	0.885	22.5	28154	1/2" Slug Splitter® Punch	X	X	X	-
				28155	1/2" Knockout Die	X	X	X	-
3/4"	-	1.115	28.3	28156	3/4" Slug Splitter® Punch	X	X	X	-
				28157	3/4" Knockout Die	X	X	X	-
-	1/7/32"	1.219	30.5	36490	30.5 mm Slug Splitter® Punch	-	-	X	-
				36489	30.5 mm Knockout Die	-	-	X	-
1"	-	1.362	34.6	28158	1" Slug Splitter® Punch	X	X	X	-
				28159	1" Knockout Die	X	X	X	-
1-1/4"	1-11/16"	1.701	43.2	28160	1-1/4" Slug Splitter® Punch	X	X	X	-
				28161	1-1/4" Knockout Die	X	X	X	-
1-1/2"	1-15/16"	1.951	49.6	28162	1-1/2" Slug Splitter® Punch	X	-	X	-
				28163	1-1/2" Knockout Die	X	-	X	-
2"	2-3/8"	2.416	61.5	28164	2" Slug Splitter® Punch	X	-	X	-
				28165	2" Knockout Die	X	-	X	-
2-1/2"	2-7/8"	2.914	74.0	00622	2-1/2" Stainless Steel Punch	-	-	-	X
				00626	2-1/2" Knockout Die	-	-	-	X
3"	3-1/2"	3.539	89.9	00623	3" Stainless Steel Punch	-	-	-	X
				00627	3" Knockout Die	-	-	-	X
3-1/2"	4"	4.011	102.7	00624	3-1/2" Stainless Steel Punch	-	-	-	X
				00629	3-1/2" Knockout Die	-	-	-	X
4"	4-1/2"	4.544	115.4	00625	4" Stainless Steel Punch	-	-	-	X
				00630	4" Knockout Die	-	-	-	X
				29451	7/16" x 4-1/4" Hydraulic Draw Stud	X	X	X	-
				29452	3/4" x 5-1/2" Hydraulic Draw Stud	X	X	X	X
				1557SS	Sleeve Adapter, SS	-	-	-	X
				15908	Spacer Group (includes 1 of ea. - 1924AA, 1925AA, 1926AA)	X	-	-	-
				746A	Ram	X	-	-	-
				767	Hydraulic Hand Pump	X	-	-	-
				06302	High Pressure Hose - 1/4" X 3"	X	-	-	-
				29529	Metal Case (7307)	-	-	X	-
				19193	Metal Case (744)	-	X	-	-
				31068	Metal Case (7506)	X	-	-	-
				08659	Metal Case (7308)	-	-	-	X

# SLUG SPLITTER® SETS AND PARTS



745H-2-1/2

- Slug Splitter® punches are the best solution for frequent usage in stainless steel
- Premium-grade tool steel for longer life in stainless steel
- Unique punch profile splits slugs for easy slug removal
- Heavy-duty dies and stainless steel draw studs for longer life
- Patent Pending self-centering punch aligns itself on pilot hole – no need to draw crosshairs or line up die alignment marks

CONDUIT SIZE	HOLE SIZE			CAPACITY		CAT NO.				
	ACTUAL					ga	mm	SET	PUNCH	DIE
	IN	mm	PG/ISO							
-	0.638	16.2	ISO-16	12	2.5	745M-16.2	04599	04598	29451	-
-	0.732	18.6	Pg 11	12	2.5	-	31119	31128	29451	-
-	0.803	20.4	ISO-20	12	2.5	745M-20.4	31120G	31129	29451	-
1/2"	0.885	22.5	Pg 16	10	3.5	745H-1/2 *	28154 *	28155	29451	-
-	1.000	25.4	ISO-25	10	3.5	745M-25.4	04602	04601	29451	-
3/4"	1.115	28.3	Pg 21	10	3.5	745H-3/4 *	28156 *	28157	29452	-
-	1.219	30.5	-	10	3.5	740H-1-7/32 *	36490 *	36489	29452	-
-	1.280	32.5	ISO-32	10	3.5	745M-32.5	04605	04603	29452	-
1"	1.362	34.6	-	10	3.5	745H-1 *	28158 *	28159	29452	-
-	1.457	37.0	Pg 29	10	3.5	-	31122	31135	29452	-
-	1.595	40.5	ISO-40	10	3.5	745M-40.5	04608	04607	29452	-
1-1/4"	1.701	43.2	-	10	3.5	745H-1-1/4 *	28160 *	28161	29452	-
-	1.850	47.0	Pg 36	10	3.5	-	31123	31131	29452	-
1-1/2"	1.951	49.6	-	10	3.5	745H-1-1/2 *	28162 *	28163	29452	-
-	2.000	50.8	ISO-50	10	3.5	745M-50.8	04611	04609	29452	-
-	2.125	54.0	-	10	3.5	-	31124	31132	29452	-
-	2.362	60.0	Pg 48	10	3.5	-	31125G	31133	29452	-
2"	2.416	61.5	-	10	3.5	745H-2 *	28165 *	28166	29452	-
-	2.520	64.0	ISO-63	10	3.5	745M-64	04614	04613	29452	-
2-1/2"	2.914	74.0	-	10	3.5	745H-2-1/2	00622	00626	29452	-
3"	3.539	89.9	-	10	3.5	745H-3	00623	00627	29452	-
3-1/2"	4.011	102.7	-	10	3.5	745H-3-1/2	00624	00629	29452	1557SS
4"	4.544	115.4	-	10	3.5	745H-4	00625	00630	29452	1557SS

\*Self-Centering Punch Design

# REPLACEMENT THREADED DRAW STUDS FOR HYDRAULIC DRIVERS – STAINLESS STEEL

- For proper size selection, see page 82

Use with LS100X, LS50L2, 746A Ram

7/16"-20 x 4-1/4"



29451 / 783310294511

3/4"-16 x 5-1/2"



29452 / 783310294528

1-1/8"-12 x 2.64"



1557SS / 783310007852

# BATTERY-HYDRAULIC KITS WITH SLUG BUSTER® SPEED PUNCH® PUNCHES



LS100X11SBSP4X

- Available in 1/2" to 4" conduit sizes
- Punch up to 10 ga mild steel
- Knockouts Made in the USA

## LS100X INTELLI-PUNCH™ 11-TON BATTERY-HYDRAULIC KNOCKOUT KITS

CAT NO.	UPC NO.	DESCRIPTION
LS100X11SBSP4	783310064954	SPEED PUNCH® 1/2" to 4" Conduit
LS100X11SBSP4X	783310064961	SPEED PUNCH® 1/2" to 3" and 4" Conduit
LS100X11SBSP	783310064893	SPEED PUNCH® 1/2" to 2" Conduit

## LS50L2 7-TON BATTERY-HYDRAULIC KNOCKOUT KITS

CAT NO.	UPC NO.	DESCRIPTION
LS50L11SBSP	783310022572	SPEED PUNCH® 1/2" to 2" Conduit

## PARTS LIST

CONDUIT SIZE	HOLE SIZE		CAT. NO.	DESCRIPTION	LS100X11SBSP4	LS100X11SBSP4	LS100X11SBSP	LS50L11SBSP	
	ACTUAL								
	IN	mm							
1/2"	7/8"	0.885	22.5	7212SP-1/2P	1/2" SPEED PUNCH® Punch	X	X	X	X
				7212SP-1/2D	1/2" SPEED PUNCH® Die	X	X	X	X
3/4"	-	1.115	28.3	7212SP-3/4P	3/4" SPEED PUNCH® Punch	X	X	X	X
				7212SP-3/4D	3/4" SPEED PUNCH® Die	X	X	X	X
1"	-	1.362	34.6	7212SP-1P	1" SPEED PUNCH® Punch	X	X	X	X
				7212SP-1D	1" SPEED PUNCH® Die	X	X	X	X
1-1/4"	1-11/16"	1.701	43.2	7212SP-1-1/4P	1-1/4" SPEED PUNCH® Punch	X	X	X	X
				7212SP-1-1/4D	1-1/4" SPEED PUNCH® Die	X	X	X	X
1-1/2"	1-15/16"	1.951	49.6	7212SP-1-1/2P	1-1/2" SPEED PUNCH® Punch	X	X	X	X
				7212SP-1-1/2D	1-1/2" SPEED PUNCH® Die	X	X	X	X
2"	2-3/8"	2.416	61.5	7212SP-2P	2" SPEED PUNCH® Punch	X	X	X	X
				7212SP-2D	2" SPEED PUNCH® Die	X	X	X	X
2-1/2"	2-7/8"	2.914	74.0	7212SP-2-1/2P	2-1/2" SPEED PUNCH® Punch	X	X	-	-
				7212SP-2-1/2D	2-1/2" SPEED PUNCH® Die	X	X	-	-
3"	3-1/2"	3.539	89.9	7212SP-3P	3" SPEED PUNCH® Punch	X	X	-	-
				7212SP-3D	3" SPEED PUNCH® Die	X	X	-	-
3-1/2"	4"	4.011	102.7	7212SP-3-1/2P	3-1/2" SPEED PUNCH® Punch	X	-	-	-
				7212SP-3-1/2D	3-1/2" SPEED PUNCH® Die	X	-	-	-
4"	4-1/2"	4.544	115.4	7212SP-4P	4" SPEED PUNCH® Punch	X	X	-	-
				7212SP-4D	4" SPEED PUNCH® Die	X	X	-	-
				7212SP12	SPEED PUNCH® Draw Stud 3/4" x 5.64"	X	X	X	X
				7212SP13	SPEED PUNCH® Draw Stud 3/8" x 4.70"	X	X	X	X
				SP-LOCK	Speed Lock, 3/4"	X	X	X	X
				SP-LOCK2	Speed Lock, 3/8"	X	X	X	X
				7212AA2	Sleeve Adapter, LS Tools	2	2	-	-
				34403	Step Bit, 7/8"	X	X	X	X
				LS100X	LS100X Intelli-PUNCH™ 11-Ton Battery-Hydraulic Driver	X	X	X	-
				LS50L2	7-Ton Battery-Hydraulic Knockout Driver	-	-	-	X
				52189	18V 3.0Ah Li-ion Battery	2	2	2	-
				52190	18V 2.0Ah Li-ion Battery	-	-	-	X
				52186	120V Charger	X	X	X	X
				LS100XCC	Case for LS100X Kits	X	X	X	-
				KK50LFLEX	Case for LS50L2 Kits	-	-	-	X

# MANUAL-HYDRAULIC KITS WITH SLUG-BUSTER® SPEED PUNCH® PUNCHES



7310SBSP

- 11 tons of punching force
- Time Saver – punches 10 times faster than wrench method
- Compact, lightweight design for easy portability and fast, one-person operation
- Punch 4" conduit up to 10 ga mild steel and 12 ga stainless steel
- Also punches brass, copper, aluminum, fiberglass and plastics

## SPEED PUNCH® 11-TON HYDRAULIC KNOCKOUT KITS WITH HAND PUMP

CAT NO.	UPC NO.	DESCRIPTION
7310SBSP	783310017165	SPEED PUNCH® 1/2" to 4" Conduit
7304SP	783310017158	SPEED PUNCH® 2-1/2" to 4" Conduit



7908SBSP

## QUICK DRAW 90® 8-TON HYDRAULIC KNOCKOUT KIT

CAT NO.	UPC NO.	DESCRIPTION
7908SBSP	783310022589	SPEED PUNCH® 1/2" to 2" Conduit

## PARTS LIST

CONDUIT SIZE	HOLE SIZE			CAT. NO.	DESCRIPTION	7310SBSP	7904SP	7908SBSP
	ACTUAL		mm					
	IN							
1/2"	7/8"	0.885	22.5	7212SP-1/2P	1/2" SPEED PUNCH® Punch	X	-	X
				7212SP-1/2D	1/2" SPEED PUNCH® Die	X	-	X
3/4"	-	1.115	28.3	7212SP-3/4P	3/4" SPEED PUNCH® Punch	X	-	X
				7212SP-3/4D	3/4" SPEED PUNCH® Die	X	-	X
1"	-	1.362	34.6	7212SP-1P	1" SPEED PUNCH® Punch	X	-	X
				7212SP-1D	1" SPEED PUNCH® Die	X	-	X
1-1/4"	1-11/16"	1.701	43.2	7212SP-1-1/4P	1-1/4" SPEED PUNCH® Punch	X	-	X
				7212SP-1-1/4D	1-1/4" SPEED PUNCH® Die	X	-	X
1-1/2"	1-15/16"	1.951	49.6	7212SP-1-1/2P	1-1/2" SPEED PUNCH® Punch	X	-	X
				7212SP-1-1/2D	1-1/2" SPEED PUNCH® Die	X	-	X
2"	2-3/8"	2.416	61.5	7212SP-2P	2" SPEED PUNCH® Punch	X	-	X
				7212SP-2D	2" SPEED PUNCH® Die	X	-	X
2-1/2"	2-7/8"	2.914	74.0	7212SP-2-1/2P	2-1/2" SPEED PUNCH® Punch	X	X	-
				7212SP-2-1/2D	2-1/2" SPEED PUNCH® Die	X	X	-
3"	3-1/2"	3.539	89.9	7212SP-3P	3" SPEED PUNCH® Punch	X	X	-
				7212SP-3D	3" SPEED PUNCH® Die	X	X	-
3-1/2"	4"	4.011	102.7	7212SP-3-1/2P	3-1/2" SPEED PUNCH® Punch	X	X	-
				7212SP-3-1/2D	3-1/2" SPEED PUNCH® Die	X	X	-
4"	4-1/2"	4.544	115.4	7212SP-4P	4" SPEED PUNCH® Punch	X	X	-
				7212SP-4D	4" SPEED PUNCH® Die	X	X	-
				7212SP11	SPEED PUNCH® Draw Stud 3/4" x 4.77"	-	-	X
				7212SP12	SPEED PUNCH® Draw Stud 3/4" x 5.64"	X	X	-
				7212SP13	SPEED PUNCH® Draw Stud 3/8" x 4.70"	X	-	-
				7212SP14	SPEED PUNCH® Draw Stud 3/8" x 3.83"	-	-	X
				SP-LOCK	Speed Lock, 3/4"	X	X	X
				SP-LOCK2	Speed Lock, 3/8"	X	-	X
				7212AA1	Sleeve Adapter, 746A	2	2	-
				7212AA2	Sleeve Adapter, LS Tools	-	2	-
				34403	Step Bit, 7/8"	X	X	X
				746A	Hydraulic Ram	X	-	-
				06302	High Pressure Hose - 1/4" x 3'	X	-	-
				767	Hydraulic Hand Pump	X	-	-
				33786G	Quick Draw 90° Driver	-	-	X
				05387	Case for 7310 Sets	X	-	-
				02868	Case (7908SBSP)	-	-	X

# SLUG SPLITTER® SPEED PUNCH® KITS AND SETS

- Punch up to 10 ga stainless and mild steel
- Use with hydraulic knockout drivers

## SLUG SPLITTER® SPEED PUNCH® KITS AND SETS

CAT NO.	UPC NO.	DESCRIPTION
LS100X11SSSP	783310064978	SPEED PUNCH®, Stainless Steel, 1/2" to 2" Conduit
7307SP	783310017202	SPEED PUNCH® Set, Stainless Steel, 1/2" to 2" Conduit



## PARTS LIST

CONDUIT SIZE	HOLE SIZE			CAT. NO.	DESCRIPTION	LS100X11SSSP	7307SP
	ACTUAL						
	IN		mm				
1/2"	7/8"	0.885	22.5	745SP-1/2P	1/2" SPEED PUNCH®, SS Punch	X	X
				745SP-1/2D	1/2" SPEED PUNCH®, SS Die	X	X
3/4"	-	1.115	28.3	745SP-3/4P	3/4" SPEED PUNCH®, SS Punch	X	X
				745SP-3/4D	3/4" SPEED PUNCH®, SS Die	X	X
1"	-	1.362	34.6	745SP-1P	1" SPEED PUNCH®, SS Punch	X	X
				745SP-1D	1" SPEED PUNCH®, SS Die	X	X
1-1/4"	1-11/16"	1.701	43.2	745SP-1-1/4P	1-1/4" SPEED PUNCH®, SS Punch	X	X
				745SP-1-1/4D	1-1/4" SPEED PUNCH®, SS Die	X	X
1-1/2"	1-15/16"	1.951	49.6	745SP-1-1/2P	1-1/2" SPEED PUNCH®, SS Punch	X	X
				745SP-1-1/2D	1-1/2" SPEED PUNCH®, SS Die	X	X
2"	2-3/8"	2.416	61.5	745SP-2P	2" SPEED PUNCH®, SS Punch	X	X
				745SP-2D	2" SPEED PUNCH®, SS Die	X	X
				7212SP22	SPEED PUNCH® Draw Stud 3/4" x 4.77"	X	X
				7212SP21	SPEED PUNCH® Draw Stud 3/4" x 5.83"	X	X
				SP-LOCK	Speed Lock, 3/4"	X	X
				SP-LOCK2	Speed Lock, 3/8"	X	X
				LS100X	LS100X Intelli-PUNCH™ Battery-Hydraulic Driver	X	-
				52189	18V 3.0Ah Li-ion Battery	2	-
				52186	120V Charger	X	-
				LS100XCC	Case for Battery-Hydraulic Kits	X	-
				02868	Case (7307SP)	-	X

# SPEED PUNCH® PARTS

CONDUIT SIZE	HOLE SIZE				CAT. NO.			
	IN		mm	PG/ISO	MILD STEEL		STAINLESS STEEL	
					PUNCH	DIE	PUNCH	DIE
-	0.638	-	16.2	ISO-16	7212SP-M16P	7212SP-M16D	-	-
-	0.803	-	20.4	Pg 13.5 / ISO-20	7212SP-M20P	7212SP-M20D	-	-
1/2"	0.885	-	22.5	Pg 16	7212SP-1/2P	7212SP-1/2D	745SP-1/2P	745SP-1/2D
-	1.000	1"	25.4	ISO-25	7212SP-M25P	7212SP-M25D	-	-
3/4"	1.115	-	28.3	Pg 21	7212SP-3/4P	7212SP-3/4D	745SP-3/4P	745SP-3/4D
-	1.219	1-7/32"	30.5	-	7212SP-1-7/32P	7212SP-1-7/32D	745SP-1-7/32P	745SP-1-7/32D
-	1.280	-	32.5	ISO-32	7212SP-M32P	7212SP-M32D	-	-
1"	1.362	-	34.6	-	7212SP-1P	7212SP-1D	745SP-1P	745SP-1D
-	1.595	-	40.5	ISO-40	7212SP-M40P	7212SP-M40D	-	-
1-1/4"	1.701	-	43.2	-	7212SP-1-1/4P	7212SP-1-1/4D	745SP-1-1/4P	745SP-1-1/4D
1-1/2"	1.951	-	49.6	-	7212SP-1-1/2P	7212SP-1-1/2D	745SP-1-1/2P	745SP-1-1/2D
-	2.000	2"	50.8	ISO-50	7212SP-M50P	7212SP-M50D	-	-
2"	2.416	-	61.4	-	7212SP-2P	7212SP-2D	745SP-2P	745SP-2D
2-1/2"	2.914	-	74.0	-	7212SP-2-1/2P	7212SP-2-1/2D	-	-
3"	3.539	-	89.9	-	7212SP-3P	7212SP-3D	-	-
3-1/2"	4.011	-	102.7	-	7212SP-3-1/2P	7212SP-3-1/2D	-	-
4"	4.544	-	115.4	-	7212SP-4P	7212SP-4D	-	-

# REPLACEMENT SPEED PUNCH® DRAW STUDS

Use with LS100X, LS50L2, 746A Ram

Mild Steel

3/8" x 4.70"  
3/4" x 5.63"



Stainless Steel

3/8" x 4.77"  
3/4" x 5.83"



1-3/8" x 2.65"



For use with 3-1/2" and 4" SPEED PUNCH® punches

Use with Quick Draw®, LS50L

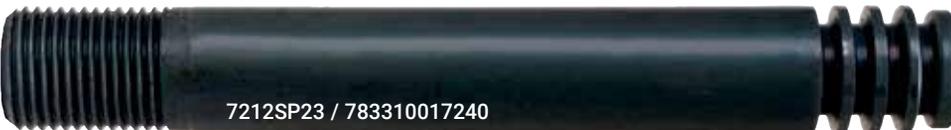
Mild Steel

3/8" x 3.82"  
3/4" x 4.77"



Stainless Steel

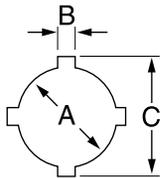
3/8" x 3.82"  
3/4" x 5.01"



# SPECIAL APPLICATION PUNCHES

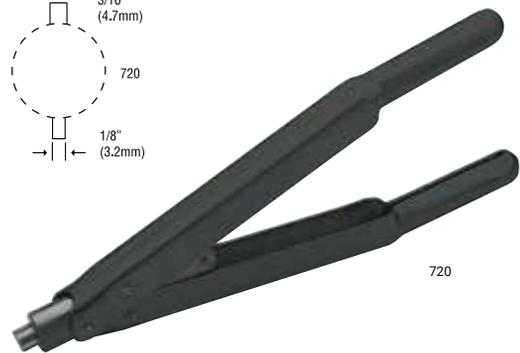
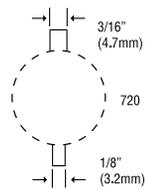
## Oiltight Punches with Notches

Oiltight sizes also available without notches. Standard, Slug-Buster® and Slug Splitter® designs.



### CAT./UPC NO

HOLE SIZE						MAXIMUM CAPACITY MILD STEEL		OPERATION TYPE	SET (INCLUDES PUNCH, DIE DRAW STUD AND NUTS)	PUNCH	DIE	DRAW STUD	BB DRIVE NUT	COUNTER NUT	MINIMUM PILOT HOLE		WEIGHT		OPTIONAL ADAPTER FOR HYDRAULIC DRIVERS
IN			mm			ga	mm								IN	mm	LB	KG	
.875	.125	1.000	22.5	3.2	25.4	14	2.0	Hand/Hydr.	60238	60239	60250	60117	60165	60258	.625	15.9	2.1	.95	601670
1.210	.190	1.380	30.5	4.8	36.0	10	3.5	Hand/Hydr.	60242	60243	60249	60117	60165	60258	.625	15.9	2.7	1.2	601670



## 720 Keyway Punch

- Eliminates time-consuming hand sawing and filing when making keyways for push-button switches
- Use as a nibbler to make wider or deeper keyways in up to 10 ga mild steel
- Punches 1/8" (3.2 mm) or 3/16" (4.8 mm) keyways for 7/8" (22.5 mm) or 1-7/32" (30.5 mm) push-button holes

### REPLACEMENT DRAW STUDS FOR RATCHET WRENCH

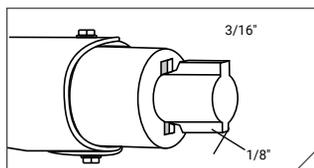
CAT NO.	UPC NO.	DESCRIPTION	WEIGHT	
			LB	KG
720	783310265344	Keyway Punch	2.8	1.27
<b>R</b> 26536	783310265368	Punch	-	-
<b>R</b> 26538	783310265382	Die	-	-

**NOTE:** Not for Stainless Steel

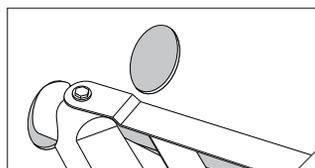
∅For use with any Greenlee Hydraulic Driver or Battery-Powered Driver

For maximum draw stud life, Greenlee recommends the use of battery or hydraulic drivers

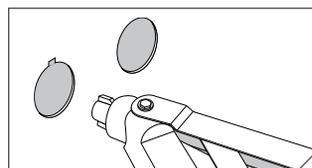
\*\*Sold as Unit only



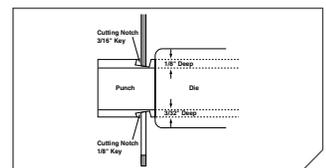
1. Locate proper cutting notch on the cutting head.



2. Place cutting notch inside edge of hole and cut keyway.

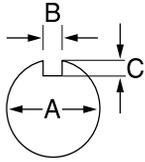


3. Withdraw the punch.



4. Use as a nibbler to make wider or deeper keyways.

## Key Punches

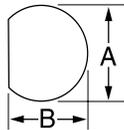


### CAT. NO

HOLE SIZE						MAXIMUM CAPACITY MILD STEEL		OPERATION TYPE	SET (INCLUDES PUNCH, DIE DRAW STUD AND NUTS)	PUNCH	DIE	DRAW STUD	BB DRIVE NUT	COUNTER NUT	MINIMUM PILOT HOLE		WEIGHT		OPTIONAL ADAPTER FOR HYDRAULIC DRIVERS
IN			mm			ga	mm								IN	mm	LB	KG	
A	B	C	A	B	C														
0.481	0.055	.030	12.2	1.4	.8	16	1.5	Hand/Hydr.	60101	60102	60103	60115	60120	2046AV	.375	9.5	.88	.4	60114*
1.171	0.123	.097	29.7	3.1	2.5	14	2.0	Hand/Hydr.	60104	60105	60106	60166	60165	60258	.875	23.8	2.3	1.0	60167*
1.265	0.156	.097	32.1	4.0	2.5	14	2.0	Hand/Hydr.	60107	60108	60109	60166	60165	60258	.875	23.8	2.4	1.1	60167*
1.328	0.102	.097	33.7	2.6	2.5	14	2.0	Hand/Hydr.	60110	-	-	60166	60165	60258	.875	23.8	2.4	1.1	60167*

\*For use with any Greenlee 746/746A Hydraulic Driver or Battery-Hydraulic Driver. For maximum draw stud life, Greenlee recommends the use of battery or hydraulic drivers

## "D" Punches

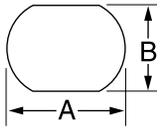


### CAT. NO.

HOLE SIZE				MAXIMUM CAPACITY MILD STEEL		OPERATION TYPE	SET (INCLUDES PUNCH, DIE DRAW STUD AND NUTS)	PUNCH	DIE	DRAW STUD	BB DRIVE NUT	COUNTER NUT	MINIMUM PILOT HOLE		WEIGHT		OPTIONAL ADAPTER FOR HYDRAULIC DRIVERS
IN		mm		ga	mm								IN	mm	LB	KG	
A	B	A	B														
0.500	0.469	12.7	11.9	16	2.0	Hand/Hydr.	60077	60078	60079	60115	60120	2046AV	.375	9.5	.9	.41	60114∅
0.625	0.594	15.9	15.1	14	2.0	Hand/Hydr.	61080**	-	-	34421	34733G	2929AV	.500	12.7	1.1	.50	33967∅
0.750	0.703	19.1	19.1	14	2.0	Hand/Hydr.	61083**	-	-	34421	34733G	2929AV	.500	12.7	1.2	.50	33967∅

∅For use with any Greenlee Hydraulic Driver or Battery-Powered Driver  
 For maximum draw stud life, Greenlee recommends the use of battery or hydraulic drivers  
 \*\*Sold as Unit only

## Double "D" Punches

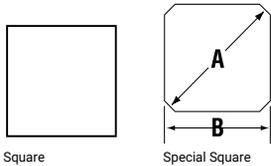


### CAT. NO

HOLE SIZE				MAXIMUM CAPACITY MILD STEEL		OPERATION TYPE	SET (INCLUDES PUNCH, DIE DRAW STUD AND NUTS)	DRAW STUD	BB DRIVE NUT	COUNTER NUT	MINIMUM PILOT HOLE		WEIGHT		OPTIONAL ADAPTER FOR HYDRAULIC DRIVERS
IN		mm		ga	mm						IN	mm	LB	KG	
A	B	A	B												
0.769	0.642	19.5	16.3	14	2.0	Hand/Hydr.	61086**	34421	34733G	2929AV	.500	12.7	1.1	.50	339670
0.795	0.697	20.2	17.6	14	2.0	Hand/Hydr.	61089**	34421	34733G	2929AV	.500	12.7	1.1	.50	339670
0.913	0.756	23.2	19.2	14	2.0	Hand/Hydr.	61092**	34421	34733G	2929AV	.500	12.7	1.2	.54	339670
0.913	0.795	23.2	20.2	14	2.0	Hand/Hydr.	61095**	34421	34733G	2929AV	.500	12.7	2	.9	339670
1.375	1.125	34.9	28.6	14	2.0	Hand/Hydr.	60098**	60166	60165	60258	.875	23.8	2.5	1.1	601670

ØFor use with any Greenlee Hydraulic Driver or Battery-Powered Driver  
 For maximum draw stud life, Greenlee recommends the use of battery or hydraulic drivers  
 \*\*Sold as Unit only

## Square and Special Square Punches



### CAT. NO

HOLE SIZE				MAXIMUM CAPACITY MILD STEEL		OPERATION TYPE	SET (INCLUDES PUNCH, DIE DRAW STUD AND NUTS)	PUNCH	DIE	DRAW STUD	BB DRIVE NUT	COUNTER NUT	MINIMUM PILOT HOLE		WEIGHT		OPTIONAL ADAPTER FOR HYDRAULIC DRIVERS
IN		mm		ga	mm								IN	mm	LB	KG	
1/2"	0.500 x 0.500	12.7 x 12.7	16	1.5	ØHand/Hydr.	60001	-	-	60115	60120	2046AV	.375	9.5	1.1	.50	601140	
5/8"	0.625 x 0.625	15.9 x 15.9	14	2.0	ØHand/Hydr.	61004	-	-	34421	34733G	2929AV	.500	12.7	1.5	.68	339670	
3/4"	0.750 x 0.750	19.1 x 19.1	14	2.0	ØHand/Hydr.	61007**	-	-	34421	34733G	2929AV	.500	12.7	1.5	.68	339670	
7/8"	0.882 x 0.882	22.4 x 22.4	14	2.0	ØHand/Hydr.	61010**	-	-	34421	34733G	2929AV	.500	12.7	1.8	.82	339670	
-	0.945 x 0.945	24.0 x 24.0	14	2.0	ØHand/Hydr.	61013**	-	-	34421	34733G	2929AV	.500	12.7	2.3	1.0	339670	
1"	1.000 x 1.000	25.4 x 25.4	14	2.0	ØHand/Hydr.	60016	60017	60018	60117	60165	60258	.625	15.9	2.4	1.1	601670	
-	1.772 x 1.772	45.0 x 45.0	10	3.5	ØHydr. Only	60287	60288	60289	60118	-	60235	1.188	30.2	6.0	2.7	Ø	
1-13/16"	1.811 x 1.811	46.0 x 46.0	10	3.5	ØHydr. Only	60019	60020	60021	60118	-	60235	1.188	30.2	6.2	2.8	Ø	
2"	2.000 x 2.000	50.8 x 50.8	10	3.5	ØHydr. Only	60168	60169	60170	60118	-	60235	1.188	30.2	6.9	3.1	Ø	
2-11/16"	2.677 x 2.677	68.0 x 68.0	10	3.5	ØHydr. Only	60171	60172	60173	60118	-	60235	1.188	30.2	10.1	4.6	Ø	
3-5/8"	3.622 x 3.622	92.0 x 92.0	10	3.5	*Hydr. Only	60174	60175	60176	60118	-	60235	1.188	30.2	14.8	6.7	*	
4-1/8"	4.125 x 4.125	104.8 x 104.8	10	3.5	*Hydr. Only	60177	60178	60179	60118	-	60235	1.188	30.2	18.8	8.5	*	
-	5.433 x 5.433	138.0 x 138.0	14	2.0	*Hydr. Only	60234	60023	60024	60118	-	60235	1.188	30.2	20	9.1	*	

### Special Square

0.886(A)	0.791(B)	22.5 Ø(A) 20.1(B)	14	2.0	Hand/Hydr.	61125**	-	-	34421	34733G	2929AV	.500	12.7	.7	.3	33967
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\*For use with with Hand and Foot Pump Hydraulic Drivers with Ram. For use with any Greenlee Hydraulic Driver or Battery-Powered Driver. \*\* Sold as Unit only  
 ØFor use with any Greenlee Hydraulic Driver or Battery-Powered Driver. For maximum draw stud life, Greenlee recommends the use of battery or hydraulic drivers

## Rectangular Punches



Rectangle



Counter Nut



Punch



Die



Draw Stud



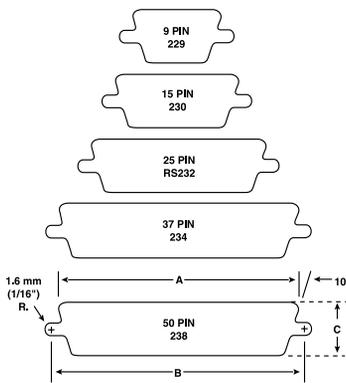
Ball Bearing Drive Nut

### CAT. NO

HOLE SIZE		MAXIMUM CAPACITY MILD STEEL		OPERATION TYPE	SET (INCLUDES PUNCH, DIE DRAW STUD AND NUTS)	PUNCH	DIE	DRAW STUD	BB DRIVE NUT	COUNTER NUT	MINIMUM PILOT HOLE		WEIGHT		OPTIONAL ADAPTER FOR HYDRAULIC DRIVERS
IN	mm	ga	mm								IN	mm	LB	KG	
A	A														
0.437 x 0.875	11.1 x 22.2	16	1.5	∅Hand/Hydr.	60025	60026	60027	60115	60120	2046AV	.375	9.5	1.2	.5	60114∅
0.670 x 0.749	17.0 x 19.0	14	2.0	∅Hand/Hydr.	61028	-	-	34421	34733G	2929AV	.500	12.7	1.5	.68	33967∅
0.750 x 1.140	19.1 x 29.0	14	2.0	∅Hand/Hydr.	60031	60032	60033	60117	60165	60258	.625	15.9	2.3	1.0	60167∅
0.750 x 1.310	19.1 x 33.3	14	2.0	∅Hand/Hydr.	60034	60035	60036	60117	60165	60258	.625	15.9	2.3	1.0	60167∅
0.861 x 1.018	21.9 x 25.9	14	2.0	∅Hand/Hydr.	60037	60038	60039	60117	60165	60258	.625	15.9	2.3	1.0	60167∅
0.866 x 1.181	22.0 x 30.0	14	2.0	∅Hand/Hydr.	60040	60041	60042	60117	60165	60258	.625	15.9	2.4	1.1	60167∅
0.866 x 1.654	22.0 x 42.0	14	2.0	∅Hand/Hydr.	60043	60045	60046	60117	60165	60258	.625	15.9	2.9	1.3	60167∅
0.990 x 1.140	25.1 x 29.0	14	2.0	∅Hand/Hydr.	60047	60048	60049	60117	60165	60258	.625	15.9	2.6	1.2	60167∅
1.250 x 1.380	31.8 x 35.1	14	2.0	∅Hand/Hydr.	60050	60051	60052	60117	60165	60258	.625	15.9	3.1	1.4	60167∅
1.312 x 2.625	33.3 x 67.9	10	3.5	∅Hand/Hydr.	60053	60054	60055	60118	-	60235	1.188	30.2	5.1	2.3	∅
1.378 x 2.047	35.0 x 52.0	10	3.5	∅Hand/Hydr.	60056	60057	60058	60118	-	60235	1.188	30.2	6.1	2.8	∅
1.378 x 2.559	35.0 x 65.0	10	3.5	∅Hand/Hydr.	60059	60060	60061	60118	-	60235	1.188	30.2	6.8	3.1	∅
1.378 x 3.228	35.0 x 82.0	14	2.0	∅Hand/Hydr.	60062	60063	60064	60118	-	60235	1.188	30.2	7.7	3.5	*
1.378 x 4.409	35.0 x 112.0	14	2.0	∅Hand/Hydr.	60065	60066	60067	60118	-	60235	1.188	30.2	9.2	4.2	*
1.811 x 3.622	46.0 x 92.0	10	3.5	∅Hand/Hydr.	60068	60069	60070	60118	-	60235	1.188	30.2	8.9	4.0	*
2.250 x 3.500	57.2 x 88.9	10	3.5	∅Hand/Hydr.	60071	60072	60073	60118	-	60235	1.188	30.2	10.1	4.6	*
2.677 x 5.433	68.0 x 138.0	14	2.0	∅Hand/Hydr.	60074	60075	60076	60118	-	60235	1.188	30.2	16.1	7.3	*

\*For use with with Hand and Foot Pump Hydraulic Drivers with Ram  
 For maximum draw stud life, Greenlee recommends the use of battery or hydraulic drivers  
 ∅For use with any Greenlee Hydraulic Driver or Battery-Powered Driver

## Electronic Connector Panel Punches



- Cut-out and mounting slots are punched in one operation
- Drill only one 7/16" (11.1 mm) pilot hole (see page 118 for Kwik Stepper® step bits)
- Fast, accurate panel punching with no sawing or filing required
- Universal size punches for front or back mount of TRW Cinch and ITT Cannon-type or equivalent connectors in 9, 15, 25, 37 or 50-pin configurations

### SPECIFICATIONS

Capacity	16 ga (1.5 mm) mild steel; 10 ga (3.5 mm) aluminum
Operation	Manual with a wrench; Quick Draw® and Quick Draw 90® hydraulic drivers, Battery Driver, Ram and Pump hydraulic drivers aluminum

SET			DIMENSIONS			WEIGHT				
CAT NO.	UPC NO.	NO. OF PINS	A	B	C	DRAW STUD	BB DRIVE NUT	SQUARE COUNTER NUT	LB	KG
229	783310344360	9	.787" (20.0 mm)	.982" (24.9 mm)	.469" (11.9 mm)	34421	34733G	2929AV	1.4	.64
231	783310344377	15	1.127" (28.6 mm)	1.309" (33.3 mm)	.469" (11.9 mm)	34421	34733G	2929AV	1.5	.68
RS232	783310344209	25	1.6555" (42.0 mm)	1.853" (47.1 mm)	.469" (11.9 mm)	34421	34733G	2929AV	2.0	.91
234	783310344292	37	2.296" (58.3 mm)	2.497" (58.3 mm)	.469" (11.9 mm)	34421	34733G	2929AV	2.0	.91
238	783310344445	50	2.201" (55.9 mm)	2.402" (61.0 mm)	.579" (14.7 mm)	34421	34733G	2929AV	2.0	.91

\*For maximum draw stud life, Greenlee recommends the use of battery or hydraulic drivers

## REPLACEMENT DRAW STUDS FOR SPECIAL SHAPE PUNCHES

- Refer to the ACTUAL SIZE images and information below when ordering a replacement draw stud. Sizes given are diameter X working length
- For maximum draw stud life, Greenlee recommends the use of hydraulic drivers



60118 / 783310601180  
3/4" x 6-3/4"



60166 / 783310601661  
1/2" x 4-5/8"



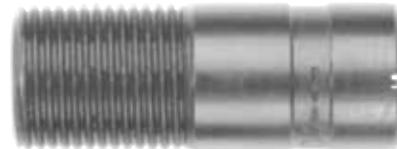
60117 / 783310601173  
1/2" x 4-5/8"



60167 / 783310601678  
(Adapter) - 3/4" x 1/2" internal



34421 / 783310344216  
3/8" x 3-1/2"



33967 / 7883310339670  
(Adapter) - 3/4" x 3/8" internal



60115 / 783310601159  
1/4" x 3-7/16"



60114 / 783310601142  
(Adapter) - 3/4" x 1/4" internal

# STUD PUNCHES



ESP710L11

## Battery-Hydraulic Stud Punch

- Quickly and easily punches 1-11/32" (34.1 mm) diameter holes in 16 and 18 ga structural studs
- 4" throat depth from center of punch

CAT NO.	UPC NO.	DESCRIPTION
ESP710L11	783310521655	Punch, 3.0Ah 18V, Li-Ion Battery, 120V Charger

### SPECIFICATIONS

Actual Hole Size	1-11/32" (34.1 mm)
Weight	9.2 lb (4.2 kg)
Length	15" (381 mm)
Height	11-3/4" (298 mm)
Capacity	16 ga (1.5 mm)



## Plumber Stud Punch

- Punches 2-5/8" (66.7 mm) diameter hole in metal studs for installation of 2" water, vent, and waste pipes
- Two-speed lever action for fast, easy punching of 24 to 20 ga thick metal studs
- 2-1/8" (54 mm) throat width fits over most studs and channels
- High strength alloy aluminum c-frame and handle provide lightweight tool for easy handling—10.6 lb (4.8 kg)
- Lever action punch retraction strips punch out of metal stud fast and easy

### SPECIFICATIONS

Actual Hole Size	2-5/8" (66.7 mm)
Weight	10.6 lb (4.8 kg)
Length	23-1/2" (596 mm)
Height	9-3/4" (247 mm)
Capacity	24-20 ga (0.9 mm)

CAT NO.	UPC NO.	DESCRIPTION
713	783310064305	Plumber Stud Punch
 08377	783310083771	Punch for 713
 08379	783310083795	Die for 713
 08375	7833100835757	Link
 55316	783310553168	Pin, Groove .31 x 1.75

## Metal Stud Punches



- Punch up through 20 ga (0.9 mm) steel studs in one stroke
- Aluminum head provides strength with minimum weight, reducing operator fatigue
- Contoured handle design gives better operator leverage and makes it possible to punch in tight places
- Self-stripping design eliminates punch hang-ups
- Automatically centers holes on standard studs
- Conversion kit available to upgrade early models from 24 ga to 20 ga maximum capacity

### SPECIFICATIONS

<b>Capacity</b>	709 – 1-5/8" (41.3 mm) and wider studs. 20 ga (0.9 mm) steel studs 710 – 2-1/2" (63.4 mm) and wider studs. 20 ga (0.9 mm) steel studs
-----------------	--

CAT NO.	UPC NO.	DESCRIPTION
709	783310222804	7/8" (22.2 mm) Diameter Stud Punch
710	783310212850	1-11/32" (34.1 mm) Diameter Stud Punch
30968G	783310309680	Conversion Kit – upgrades early model 709 or 710 from 24 to 20 ga maximum capacity
<b>R</b> 121AV	783310040064	Punch for 709
<b>R</b> 22286	783310222866	Die for 709
<b>R</b> 24823	783310248231	Punch for 710
<b>R</b> 21297	783310212973	Die for 710
06015	783310060154	Pin Kit
05932	783310059325	Link and Pin Kit (709/710)
21557	783310215578	Compression Spring

## Bushings for Metal Stud Punches



- Triple lock design holds bushing securely
- Locks securely into 24-ga – 12-ga (0.6 mm – 2.5 mm) metal studs
- Helps protect wire insulation from sharp edges of metal studs
- Makes pulling smooth and easy by preventing cable hang-ups on raw metal edges

CAT NO.	UPC NO.	DESCRIPTION
711C	783310222880	100 Bushings for Hole Punched by 709 for 7/8" (22.2 mm) Diameter Hole
711M	783310222897	1,000 Bushings for Hole Punched by 709 for 7/8" (22.2 mm) Diameter Hole
712A100	783310059271	100 Bushings for Pre-Punched Hole or 1-11/32" (34.1 mm) Diameter Hole Punched by 710
712A1000	783310059288	1,000 Bushings for Pre-Punched Hole or 1-11/32" (34.1 mm) Diameter Hole Punched by 710





724

## Manual Stud Punch

- Punch up through 20 ga (0.9 mm) steel studs in one stroke
- Unique patented punch rolls the edge over for smooth installation of armored cable; cable won't hang up
- Contoured handle design gives better operator leverage and makes it possible to punch in tight places
- Automatically centers holes on standard studs

### SPECIFICATIONS

<b>Actual Hole Size</b>	1-1/4" (31.7 mm)
<b>Weight</b>	4.0 lb (1.8 kg)
<b>Length</b>	16-3/4" (426 mm)
<b>Height</b>	4-1/2" (247 mm)
<b>Capacity</b>	24-20 ga (0.9 mm)

CAT NO.	UPC NO.	DESCRIPTION
724	783310104155	Manual Stud Punch
 10419	783310104193	Punch for 724

## MANUAL – HYDRAULIC PUMPS



767

### Hydraulic Hand Pump

- Lightweight and portable, for use with Greenlee Punch Drivers
- Versatile, operates in any position
- Rugged steel pump body/reservoir with cast aluminum handle
- Has mounting holes for easy, permanent mounting

#### SPECIFICATIONS

Operation	Manual – Hand
Capacity	6,500 psi (448 bar), .0823 in <sup>3</sup> (13 mm <sup>3</sup> ) per stroke
Length	13" (330 mm)
Width	4" (102 mm)
Height	4" (102 mm)

CAT NO.	UPC NO.	DESCRIPTION
767	783310132844	Hydraulic Hand Pump
<b>R</b> 04343	783310043430	Seal Kit Repair for Serial Code ABM
<b>R</b> 13800	783310138006	*Seal Kit Repair for Serial Code 55D & Up
<b>R</b> 30242	783310302421	*Seal Kit Repair for Serial Code 68BG to BG33181628, BG331816 & Up
<b>R</b> 30241	783310302414	Reservoir Follower

**\*NOTE:** Must also purchase 30241 Follower

**NOTE:** See next page to select the proper hydraulic hose for this pump.

### Hydraulic Foot Pump

- Free both hands to position and hold the working tool
- Foot activated release lever
- Hold-down pin keeps pedal down for storage and transport
- Angled base bar keeps the pump upright and stable
- Includes 1/4" (6.4 mm) female coupler with dust cap



1725

#### SPECIFICATIONS

Operation	Manual – Foot
Capacity	6,500 psi (448 bar), .117 in <sup>3</sup> (19 mm <sup>3</sup> ) per stroke
Length	16" (406 mm)
Width	8" (203 mm)
Height	Pedal down 6" (152 mm), Pedal up 12" (305 mm)

CAT NO.	UPC NO.	DESCRIPTION
1725	783310313533	Hydraulic Foot Pump
<b>R</b> 33336	783310333364	Seal Kit w/ VK Serial Code

**NOTE:** See next page to select the proper hydraulic hose for this pump.

# HYDRAULIC PUMP ACCESSORIES

## Hydraulic Hose Selection Guide

TOOL CAT. NO.	DESCRIPTION	TOOL COUPLER	PUMP CAT. NO.	HOSE CAT. NO.
750	Cable Cutter	1/4" Female Coupler	767	38316
750	Cable Cutter	1/4" Female Coupler	1725	37729
750	Cable Cutter	1/4" Female Coupler	755 or EHP700	17707
777	Bender	3/8" Female Coupler	755, 975, or 980	11289
782	Bender	3/8" Female Coupler	755 or 975	11289
800	Cable Bender	1/4" Female Coupler	1725	37729
880	Bender	3/8" Female Coupler	755 or 975	11289
882	Bender	3/8" Female Coupler	755 or 975	11289
884	Bender	3/8" Female Coupler	980	11289
885	Bender	3/8" Female Coupler	980	11289
1731	C-Frame Driver	1/4" Female Coupler	767	06302
1731	C-Frame Driver	1/4" Female Coupler	1725	37729
1731	C-Frame Driver	1/4" Female Coupler	755 or 975	11289
SDK2021GL	Remote Crimping Tool	3/8" Male Coupler	EHP700, 7475H, 975 or 980	05850, 05851
RK06AT, RK06FT	Remote Crimping Tool	3/8" Male Coupler	EHP700, 7475H, 975 or 980	05850, 05851
RK1240,	Remote Crimping Tool	3/8" Male Coupler	EHP700, 7475H, 975 or 980	05850, 05851
RK1550	Remote Crimping Tool	3/8" Male Coupler	EHP700, 7475H, 975 or 980	05850, 05851



## Hydraulic Hoses

- High pressure hydraulic hose units for use with Greenlee hydraulic pumps
- Equipped with couplers and dust caps

CAT NO.	UPC NO.	DESCRIPTION
05850*	783310058502	10' X 1/4" Hose with (1) 3/8" Male Coupler and (1) 3/8" Female Coupler
05851*	783310058519	10' X 1/4" Non-Conductive Hose with (1) 3/8" Male Coupler and (1) 3/8" Female Coupler
11289*	783310112891	6' X 3/8" Hose with (2) 3/8" Male Couplers
17707*	783310177074	10' X 1/4" Hose with (1) 3/8" Male Coupler and (1) 1/4" Male Coupler
37729*	783310377290	10' X 1/4" Hose with (2) 1/4" Male Couplers
38316	783310383161	3' X 1/4" Hose with (1) 1/4" Male Coupler and (1) 1/4" NPT Swivel Threaded Fitting
06302	783310063025	3' X 1/4" Hose with (1) 1/4" NPT Male Threaded Fitting and (1) 1/4" NPT Swivel Threaded Fitting

\*Filled with hydraulic oil.

CAT NO.	UPC NO.	DESCRIPTION	HOSE UNIT CAT. NO.							COUPLER SET CAT. NO.		
			05850	05851	11289	17707	37729	38316	20573	37614	3548GB/ 20573	
54167G	783310541677	1/4" (6.4 mm) Female Coupler without Dust Cap	-	-	-	-	-	-	-	-	1	-
54168	783310541684	1/4" (6.4 mm) Dust Cap for Female Coupler	-	-	-	-	-	-	-	-	1	-
54169	783310541691	1/4" (6.4 mm) Male Coupler without Dust Cap	-	-	-	-	1	2	1	1	1	-
54170	783310541707	1/4" (6.4 mm) Dust Cap for Male Coupler	-	-	-	-	1	2	1	1	1	-
4018GB	783310508076	3/8" (9.6 mm) Female Coupler with Dust Cap	-	-	-	-	-	-	-	-	-	1
4033GB	783310508236	3/8" (9.6 mm) Male Coupler with Dust Cap	-	-	2	1	-	-	-	-	-	1
F021627	783310418771	3/8" (9.6 mm) Female Coupler without Dust Cap	1	1	-	-	-	-	-	-	-	-
F022061	783310419419	3/8" (9.6 mm) Male Coupler without Dust Cap	1	1	-	-	-	-	-	-	-	-
F021406	783310418344	3/8" (9.6 mm) Dust Cap for 41941/41877 Couplers	2	2	-	-	-	-	-	-	-	-

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# POWER TOOL ACCESSORIES

Greenlee delivers power tool accessories that are second-to-none in the industry. From the double-flute cutting power of Kwik Stepper® step bits to Nail Eater® auger bits, Greenlee power tool accessories cut faster, last longer, and improve your productivity on the job site. Get through it with Greenlee.

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# SELECTION GUIDES

## Holemaking Selection Guide by Material/Application

MATERIAL APPLICATION TYPE	MATERIAL THICKNESS	NUMBER OF HOLES	PRODUCTS	APPLICATION CONSIDERATIONS	PAGE NO.
Mild Steel 	10 ga	Highest	Slug Splitter® Punches	Maximum durability and universal material usage Maximum hole size 4-1/2 inches	78 – 82
	–	–	SPEED PUNCH® Punches	Maximum hole size 4-1/2 inches	84 – 89
	10 ga	High	Slug-Buster® Punches	Maximum hole size 2-3/8 inches	60 – 63, 66 – 71
	10 ga	High	Standard Round Punches	Maximum hole size 6-3/8 inches	64 – 65, 72 – 73, 77
	8 ga	High	Carbide-Tipped Hole Cutters	Maximum hole size 4-1/2 inches	107 – 109
	10 ga	Medium-High	Ultra Cutters	Maximum hole size 2-1/2 inches	109
	10 ga	Medium-High	Step Bits	Maximum hole size 1-3/8 inches	118 – 119
	10 ga	Medium	Hole Saws	Maximum hole size 6 inches	110 – 112
Stainless Steel 	10 ga	Highest	Slug Splitter® Punches	Maximum durability and universal material usage Maximum hole size 2-3/8 inches	78 – 82
	10 ga	Highest	Lrg. Dia. Punches for Stainless	Hole size 2-1/2 – 4 inches	78 – 82
	8 ga	Medium-High	Carbide-Tipped Cutters	Maximum hole size 4-1/2 inches	107 – 109
Wood 	18"	High	Nail Eater® RT	Cuts through nails, good chip removal, Max hole size 1 inch	123
	18"	High	Nail Eater® Extreme Bits	Cuts through nails, good chip removal, Max hole size 1-1/4 inches	122 – 123
	2–2 x 4's	High	E-Z Bore® Bits	Self feed screw for hard or soft woods, Max hole size 4-5/8 inches	130
	2 x 4	High	Step Bits	Maximum hole size 1-3/8 inches, low chip removal	118 – 119
	16"	Medium	Spade Bits	Maximum hole size 1-1/2 inches	128 – 129
	1-5/8" or 2 x 4	High	Hole Saws	Maximum hole size 6 inches	110 – 112
Aluminum 	10 ga	Highest	Slug Splitter® Punches	Maximum durability and universal material usage Maximum hole size 2-3/8 inches	78 – 82
	–	–	SPEED PUNCH® Punches	Maximum hole size 2-3/8 inches	84 – 89
	10 ga	High	Slug-Buster® Punches	Maximum hole size 2-3/8 inches	60 – 63, 66 – 71
	10 ga	High	Standard Punches	Maximum hole size 6-3/8 inches	64 – 65, 72 – 73, 77
	10 ga	High	Ultra Cutters	Maximum hole size 2-1/2 inches	109
	10 ga	High	Step Bits	Maximum hole size 1-3/8 inches	118 – 119
	10 ga	Medium	Hole Saws	Maximum hole size 6 inches	110 – 112
	Fiberglass/Plastic  	approx. 1/8"	Highest	Slug Splitter® Punches	Maximum durability and universal material usage Maximum hole size 4-1/2 inches
–		–	SPEED PUNCH® Punches	Maximum hole size 4-1/2 inches	84 – 89
approx. 1/8"		High	Slug-Buster® Punches	Maximum hole size 2-3/8 inches	60 – 63, 66 – 71
approx. 1/8"		High	Standard Punches	Maximum hole size 6-3/8 inches	64 – 65, 72 – 73, 77
–		High	Ultra Cutters	Maximum hole size 2-1/2 inches	109
–		Medium-High	Step Bits	Maximum hole size 1-3/8 inches	118 – 119
1-5/8"		Medium	Hole Saws	Maximum hole size 6 inches	110 – 112
Drywall/Ceiling Tile 	7/8"	High	Recessed Light Hole Saws	Replaceable blades	117
	7/8"	Medium-Low	Quick Cutter	Adjustable or fixed, sprinkler heads or lighting	117
	7/8"	Medium	Keyhole Saw	Non-round holes	147
Quazite® Enclosures	–	High	Slug-Buster® Punches	–	60-63, 66-71
	Approx. 1/8"	High	Carbide-Grit Hole Saws	–	116
Cement Board/Hardy Board Siding	–	High	Carbide-Grit Hole Saws	–	116
Existing Wall	–	–	D'versibits®	Remodeling, phone, cable, alarm installation	125 – 127
Non-Round	–	High	Non-Round Punches	Square, rectangular, electronic connector holes	92 – 96
	–	Medium	Reciprocating Blades	–	131
Metal Studs	20 ga	–	Stud Punches	–	98 – 100

# HOLE SAWS



628

## One-Piece and Quick-Change Carbide-Tipped Hole Cutters

- Split-Point Cobalt Steel Pilot Drill with stepped design – for fast, accurate cutting with less force
- Tungsten Carbide Teeth – optimized design for fast, easy cutting and maximum life in stainless steel – no oil required
- Flange Stop – eliminates over-drilling
- Slug Ejector Spring – quick, easy slug removal
- Cuts round, burr-free holes
- Maximum cutting depth: 8 ga (4 mm)

## One-Piece Carbide-Tipped Hole Cutters

- Strong, durable one-piece construction for even longer life

### ONE-PIECE CARBIDE-TIPPED HOLE CUTTER SETS

CAT NO.	UPC NO.	DESCRIPTION
628	783310064008	6PC Carbide-Tipped Hole Cutter Set (7/8" – 2-1/2")
635	783310035992	3PC Carbide-Tipped Hole Cutter Set (7/8", 1-1/8", 1-3/8")

### ONE-PIECE CARBIDE-TIPPED HOLE CUTTERS

HOLE SIZE		CONDUIT SIZE	PG/ ISO	MINIMUM CHUCK SIZE	CAT. NO.	SET CAT. NO.	
IN	mm					628	635
3/4	19.1	-	Pg 11	3/8	625-3/4	-	-
7/8	22.2	1/2"	Pg 16		625-7/8	X	X
1	25.4	-	ISO-25		625-1	-	-
1-1/8	28.6	3/4"	Pg 21		625-1-1/8	X	X
1-7/32	30.5	-	-		625-1-7/32	-	-
1-3/8	34.9	1"	-		625-1-3/8	X	X
1-1/2	38.1	-	-		625-1-1/2	-	-
1-3/4	44.4	1-1/4"	-		625-1-3/4	X	-
2	50.8	1-1/2"	ISO-50		625-2	X	-
2-1/2	63.5	2"	ISO-63		625-2-1/2	X	-
3	76.2	2-1/2"	-	1/2	625-3 <b>N</b>	-	-
3-5/8	92.1	3"	-		625-3-5/8 <b>N</b>	-	-
4-1/8	104.8	3-1/2"	-		625-4-1/8 <b>N</b>	-	-
4-1/2	114.3	4"	-		625-4-1/2 <b>N</b>	-	-

### ONE-PIECE CARBIDE-TIPPED HOLE CUTTER REPLACEMENT PARTS

CAT NO.	UPC NO.	DESCRIPTION
<b>R</b> 625-001	783310398721	Small pilot drill for 3/4" – 2" cutters
<b>R</b> 625-002	783310383901	Large pilot drill for 2-1/2" -- 4-1/2" cutters
<b>R</b> 54274	783310542742	6 mm Set Screw for 3/4" – 2" cutters
<b>R</b> 54295	783310542957	8 mm Set Screw for 2-1/2" – 4-1/2" cutters
<b>R</b> 03581G	783310035817	3 mm hex key for 3/4" – 2" cutters
<b>R</b> 04743G	783310047438	4 mm hex key for 2-1/2" – 4-1/2" cutters
<b>R</b> 55225	783310552253	Ejector spring



648

## Quick-Change Carbide-Tipped Hole Cutters

- Switch quickly between cutter sizes without re-chucking with a simple push and turn connection
- Split-Point Cobalt Steel Pilot Drill with step design – for fast, accurate cutting with less force
- Tungsten Carbide Teeth – optimized design for fast, easy cutting and maximum life in stainless steel – no oil required
- Flange Stop – eliminates over-drilling
- Slug Ejector Spring – quick, easy slug removal
- Cuts round, burr-free holes

### QUICK-CHANGE CARBIDE-TIPPED HOLE CUTTER SETS

CAT NO.	UPC NO.	DESCRIPTION
648	783310064015	8PC Quick-Change Carbide-Tipped Hole Cutter Set (7/8" - 2-1/2")
660	783310057666	6PC Quick-Change Carbide-Tipped Hole Cutter Set (7/8" - 2")
655	783310058205	4PC Quick-Change Carbide-Tipped Hole Cutter Set (7/8", 1-1/8", 1-3/8")

### QUICK-CHANGE CARBIDE-TIPPED HOLE CUTTERS

HOLE SIZE		CONDUIT SIZE	PG/ISO	MINIMUM CHUCK SIZE	CAT. NO.	SET CAT. NO.		
IN	mm					648	660	655
5/8	15.9	–	–	3/8"	645-5/8	–	–	–
11/16	17.4	–	Pg 16		645-11/16	–	–	–
3/4	19.1	–	Pg 11		645-3/4	–	–	–
13/16	20.6	–	Pg 13, ISO-20		645-13/16	–	–	–
7/8	22.2	1/2"	Pg 16		645-7/8	X	X	X
1	25.4	–	ISO 25		645-1	–	–	–
1-1/16	27.0	–	–		645-1-1/16	–	–	–
1-1/8	28.6	3/4"	Pg 21		645-1-1/8	X	X	X
1-7/32	30.5	–	–		645-1-7/32	–	–	–
1-1/4	31.8	–	–		645-1-1/4	–	–	–
1-5/16	33.3	–	Pg 32		645-1-5/16	–	–	–
1-3/8	34.9	1"	–		645-1-3/8	X	X	X
1-7/16	36.5	–	–		645-1-7/16	–	–	–
1-1/2	38.1	–	–		645-1-1/2	–	–	–
1-3/4	44.4	1-1/4"	–		645-1-3/4	X	X	–
2	50.8	1-1/2"	ISO-50		645-2	X	X	–
2-1/8	54.0	–	–		645-2-1/8	–	–	–
2-1/4	57.2	–	–		645-2-1/4	–	–	–
2-3/8	60.3	–	–		645-2-3/8	–	–	–
2-1/2	63.5	2"	ISO-63		645-2-1/2	X	–	–
2-5/8	66.7	–	–	645-2-5/8	–	–	–	
3	76.2	2-1/2"	–	645-3	–	–	–	
3-5/8	92.1	3"	–	645-3-5/8 <b>N</b>	–	–	–	
4-1/8	104.8	3-1/2"	–	645-4-1/8 <b>N</b>	–	–	–	
4-1/2	114.3	4"	–	645-4-1/2 <b>N</b>	–	–	–	
645-011	Small Quick-Change Arbor (for 5/8" - 2-1/4" cutters) with pilot drill, set screw and 3 mm hex key					X	X	X
645-022	Large Quick-Change Arbor (for 2-3/8" - 4-1/2" cutters) with pilot drill, set screw and 4 mm hex key					X	–	–



## Quick-Change Carbide-Tipped Hole Cutters (Cont.)

### QUICK-CHANGE CARBIDE-TIPPED HOLE CUTTER ACCESSORIES AND REPLACEMENT PARTS

CAT NO.	UPC NO.	DESCRIPTION
<b>A</b> 645-011	783310057529	Small Quick-Change Arbor
<b>A</b> 645-022	783310057536	Large Quick-Change Arbor
<b>R</b> 645-001	783310057611	Small pilot drill for 645-011 arbor
<b>R</b> 645-002	783310057628	Large pilot drill for 645-022 arbor
<b>R</b> 54274	783310542742	6 mm set screw for 645-011 arbor
<b>R</b> 04744G	783310047445	8 mm set screw for 645-022 arbor
<b>R</b> 03581G	783310035817	3 mm hex key for 645-011 arbor
<b>R</b> 04743G	783310047438	4 mm hex key for 645-022 arbor
<b>R</b> 55225	783310552253	Ejector spring



930

## Ultra Cutters

- Lasts 10 times longer than standard hole saws
- Precision-ground teeth cut smooth, burr-free holes with ease
- Cut up to 1/4" (6.35 mm) mild steel
- Split-point helps eliminate "walking" and makes accurate hole placement easy
- No tool required to change cutter sizes
- Manufactured from high-speed steel

### ULTRA CUTTERS SET

CAT NO.	UPC NO.	DESCRIPTION
930	783310102144	7/8" to 2-1/2" cutters, two small arbors, large arbor, hex wrench and case. For conduit sizes 1/2" through 2".

### ULTRA CUTTERS

CAT NO.	UPC NO.	HOLE SIZE		CONDUIT	PG/ ISO	COPPER PIPE
		IN	mm			
925-7/8	783310101574	7/8	22.5	1/2"	Pg 16	5/8"
925-1-1/8	783310101581	1-1/8	28.6	3/4"	Pg 21	-
925-1-7/32	783310016434	1-7/32	30.5	-	-	-
925-1-3/8	783310101598	3/8	35.0	1"	-	-
925-1-3/4	783310101604	1-3/4	44.4	1-1/4"	-	1-1/2"
925-2	783310101611	2	50.8	1-1/2"	ISO-50	-
925-2-1/2	783310101628	2-1/2	63.5	-	ISO-63	2"



925-1-3/4

### ARBORS AND PILOT DRILLS

CAT NO.	UPC NO.	DESCRIPTION
<b>R</b> 925-011	783310101635	Small Arbor with Pilot Drill for 7/8" to 1-7/32" Size Cutter
<b>R</b> 925-022	783310101857	Large Arbor with Pilot Drill for 1-3/8" to 2-1/2" Size Cutter
<b>R</b> 925-001	783310101864	Small Pilot Drill
<b>R</b> 925-002	783310102113	Large Pilot Drill

**NOTE:** To extend the life of your tool, see Cutting/Threading Oil on page 133.



## Bi-Metal Hole Saws

- Cut through steel, tin, aluminum, fiberglass, wood and plastics
- 1-5/8" (41.3 mm) cutting depth allows for cutting through 2" thick wood studs
- Bi-metal blade with steam oxide finish – saw runs cooler, no pait to gum up and slow cutting means longer saw life and better performance
- Extra-thick backplate minimizes vibration for smoother and easier cutting

### BI-METAL HOLE SAW SETS

CAT NO.	UPC NO.	DESCRIPTION
830	783310191926	9-Piece hole saw set with 7/8" – 2-1/2" saws
834	783310199137	5-Piece hole saw set with 3" – 4-1/2" saws
835	783310275381	13-Piece hole saw set with 7/8" – 4-1/2" saws
889	783310034780	9-Piece plumber's hole saw set with 3-3/4" – 2-1/4" saws
890	783310034797	19-Piece industrial maintenance hole saw set with 3/4" – 4-3/4" saws
891	783310034803	12-Piece hole saw set with 3/4" – 2-1/2" saws

## Quick-Change Bi-Metal Hole Saws

- Quick-change option for quick assembly and removal of hole saws – works with any brand hole saw

### QUICK-CHANGE BI-METAL HOLE SAW SET

CAT NO.	UPC NO.	DESCRIPTION
830Q	783310028062	9-piece quick-change hole saw set with 7/8" – 2-1/2" saws

### ACCESSORIES

CAT NO.	UPC NO.	DESCRIPTION
02800	783310028000	5/16" Quick-Change arbor
02801	783310028017	7/16" Quick-Change arbor
02803	783310028031	Small adapter (10 pack)
02804	783310028048	Large adapter (3 pack)
02805	783310028055	Bushing (5 pack)

# PARTS LIST

CAT. NO.	UPC NO.	DESCRIPTION	SET CAT. NO.						
			830	834	835	889	890	891	830Q
825-3/4	783310191346	3/4" Hole Saw	-	-	-	X	X	X	-
825-7/8	783310191360	7/8" Hole Saw	X	-	X	X	X	X	X
825-1	783310191384	1" Hole Saw	-	-	-	-	X	-	-
825-1-1/8	783310191414	1-1/8" Hole Saw	X	-	X	X	X	X	X
825-1-3/8	783310191469	1-3/8" Hole Saw	X	-	X	-	X	X	X
825-1-1/2	783310191483	1-1/2" Hole Saw	-	-	-	X	X	X	-
825-1-3/4	783310191520	1-3/4" Hole Saw	X	-	X	X	X	X	X
825-2	783310191551	2" Hole Saw	X	-	X	-	X	X	X
825-2-1/4	783310191599	2-1/4" Hole Saw	-	-	-	X	X	X	-
825-2-1/2	783310191629	2-1/2" Hole Saw	X	-	X	-	X	X	X
825-3	783310191674	3" Hole Saw	-	X	X	-	X	-	-
825-3-1/4	783310191698	3-1/4" Hole Saw	-	-	-	-	X	-	-
825-3-5/8	783310191728	3-5/8" Hole Saw	-	X	X	-	X	-	-
825-3-3/4	783310191742	3-3/4" Hole Saw	-	-	-	-	X	-	-
825-4-1/8	783310191773	4-1/8" Hole Saw	-	X	X	-	X	-	-
825-4-1/2	783310191803	4-1/2" Hole Saw	-	X	X	-	-	-	-
825-4-3/4	783310191810	4-3/4" Hole Saw	-	-	-	-	X	-	-
38522	783310385226	Arbor w/Pilot Drill	X	-	-	-	-	-	-
37157	783310371571	Arbor w/Pilot Drill	-	-	X	-	-	-	-
37155	783310371557	Arbor w/Pilot Drill	-	-	X	X	X	X	-
37156	783310371564	Arbor w/Pilot Drill	X	X	X	X	X	X	-
38526	783310385264	Pilot Drill	-	-	-	X	X	X	-
02801	783310028017	7/16" Quick-Change arbor	-	-	-	-	-	-	X



## Bi-Metal Hole Saws

HOLE SIZE		CONDUIT	PG/ISO	COPPER PIPE	CAT. NO.	UPC. NO.	BULK CAT. NO.	BULK UPC. NO.	BULK QTY.	USE WITH STD. ARBOR NO.	USE WITH QUICK-CHANGE ARBOR NO.
IN	mm										
5/8	15.9	-	-	-	825-5/8	783310191322	-	-	-	37157, 37155, or 38522	02800*
11/16	17.5	-	ISO-16	3/8"	825-11/16	783310191339	-	-	-		
3/4	19.0	-	Pg 11	1/2"	825-3/4	783310191346	825B-3/4	783310298281	25		
7/8	22.2	1/2"	Pg 16	3/4"	825-7/8	783310191360	825B-7/8	783310298298	50		
1	25.4	-	ISO-25	-	825-1	783310191384	825B-1	783310034476	50		
1-1/8	28.6	3/4"	Pg 21	1"	825-1-1/8	783310191414	825B-1-1/8	783310298311	50	37156 or 37154	02800*
1-1/4	31.7	-	-	-	825-1-1/4	783310191445	825B-1-1/4	783310034568	24		
1-5/16	33.3	-	ISO-32	-	825-1-5/16	783310191452	-	-	-		
1-3/8	35.0	1"	-	-	825-1-3/8	783310191469	825B-1-3/8	783310298328	24		
1-7/16	36.5	-	-	-	825-1-7/16	783310191476	-	-	-		
1-1/2	38.1	-	-	1-1/4"	825-1-1/2	783310191483	-	-	-		
1-5/8	41.3	-	ISO-40	-	825-1-5/8	783310191506	-	-	-		
1-3/4	44.4	1-1/4"	-	1-1/2"	825-1-3/4	783310191520	825B-1-3/4	783310298342	24		
1-7/8	47.6	-	-	-	825-1-7/8	783310191544	-	-	-		
2	50.8	1-1/2"	ISO-50	-	825-2	783310191551	825B-2	783310298359	24		
2-1/8	54.0	-	-	-	825-2-1/8	783310191582	825B-2-1/8	783310380313	24		
2-1/4	57.2	-	-	-	825-2-1/4	783310191599	825B-2-1/4	783310034575	24		
2-3/8	60.3	-	-	-	825-2-3/8	783310191612	825B-2-3/8	783310380344	24		
2-1/2	63.5	2"	ISO-63	-	825-2-1/2	783310191629	825B-2-1/2	783310298366	24		
2-9/16	65.1	-	-	-	825-2-9/16	783310191636	825B-2-9/16	-	20		
2-5/8	66.7	-	-	2-1/2"	825-2-5/8	783310191643	825B-2-5/8	783310380368	18		
2-3/4	69.8	-	-	-	825-2-3/4	783310191650	-	-	-		
2-7/8	73.0	-	-	-	825-2-7/8	783310191667	-	-	-		
3	76.2	2-1/2"	-	-	825-3	783310191674	825B-3	783310298373	18		
3-1/4	82.5	-	-	3"	825-3-1/4	783310191698	-	-	-	37156	02801*
3-3/8	85.7	-	-	-	825-3-3/8	783310191704	-	-	-		
3-1/2	88.9	-	-	-	825-3-1/2	783310191711	825B-3-1/2	783310034582	18		
3-5/8	92.1	3"	-	-	825-3-5/8	783310191728	825B-3-5/8	783310298380	18		
3-3/4	95.2	-	-	3-1/2"	825-3-3/4	783310191742	825B-3-3/4	783310380450	10		
3-7/8	98.4	-	-	-	825-3-7/8	783310191759	-	-	-		
4	101.6	-	-	-	825-4	783310191766	825B-4	783310034698	10		
4-1/8	104.8	3-1/2"	-	-	825-4-1/8	783310191773	-	-	-		
4-1/4	108.0	-	-	4"	825-4-1/4	783310191780	825B-4-1/4	783310380498	10		
4-3/8	111.1	-	-	-	825-4-3/8	783310191797	-	-	-		
4-1/2	114.3	4"	-	-	825-4-1/2	783310191803	825B-4-1/2	783310380511	10	37156	02801*
4-3/4	120.6	-	-	4-1/2"	825-4-3/4	783310191810	-	-	-		
5	127.0	-	-	-	825-5	783310191827	825B-5	783310380535	5		
5-1/2	139.7	-	-	5"	825-5-1/2	783310191834	825B-5-1/2	783310380542	5		
6	152.4	-	-	-	825-6	783310191841	825B-6	783310034810	5		

\*See page 114 for Quick Change adapter information

Recommended Hole Saw Cutting Speeds

HOLE SAW SIZE		RPM			
IN	mm	Mild Steel	Cast Iron	Brass	Aluminum
9/16	14.3	577	407	781	883
5/8	15.9	519	367	703	794
11/16	17.5	472	333	639	722
3/4	19.1	433	306	586	662
13/16	20.6	400	282	541	611
7/8	22.2	371	262	502	567
15/16	23.8	346	244	468	530
1	25.4	325	229	439	496
1-1/16	27.0	306	216	413	467
1-1/8	28.6	289	204	390	441
1-3/16	30.2	273	193	370	418
1-1/4	31.8	260	183	351	397
1-5/16	33.3	247	175	335	378
1-3/8	34.9	236	167	319	361
1-7/16	36.5	226	159	306	345
1-1/2	38.1	216	153	293	331
1-9/16	39.7	208	147	281	318
1-5/8	41.3	200	141	270	306
1-11/16	42.9	192	136	260	294
1-3/4	44.5	185	131	251	284
1-13/16	46.0	179	126	242	274
1-7/8	47.6	173	122	234	265
2	50.8	162	115	220	248
2-1/16	52.4	157	111	213	241
2-1/8	54.0	153	108	207	234
2-1/4	57.2	144	102	195	221

HOLE SAW SIZE		RPM			
IN	mm	Mild Steel	Cast Iron	Brass	Aluminum
2-5/16	58.7	140	99	190	215
2-3/8	60.3	137	96	185	209
2-1/2	63.5	130	92	176	199
2-9/16	65.1	127	89	171	194
2-5/8	66.7	124	87	167	189
2.677	68.3	121	85	163	185
2-3/4	69.9	118	83	160	181
2-7/8	73.0	113	80	153	173
2.913	74.6	111	78	150	169
3	76.2	108	76	146	165
3-1/8	79.4	104	73	141	159
3-1/4	82.6	100	71	135	153
3-3/8	85.7	96	68	130	147
3-1/2	88.9	93	65	125	142
3-5/8	92.1	90	63	121	137
3-3/4	95.3	87	61	117	132
3-7/8	98.4	84	59	113	128
4	101.6	81	57	110	124
4-1/8	104.8	79	56	106	120
4-1/4	108.0	76	54	103	117
4-3/8	111.1	74	52	100	113
4-1/2	114.3	72	51	98	110
4-3/4	120.7	68	48	92	105
5	127.0	65	46	88	99
5-1/2	139.7	59	42	80	90
6	152.4	54	38	73	83

## Arbors and Pilot Drill Bits

- The best arbor in the industry ensures a solid connection without any gaps or wobbling
- Arbors include replaceable, high-speed steel pilot drill
- Pilot drills have unique split-point tip design
- Use with Greenlee bi-metal hole saws, recessed light hole saws and carbide-grit hole saws (carbide-tipped pilot drill sold separately)
- Can be used with Greenlee #901 or #904 bit extensions



### ARBORS

	CAT. NO.						
Standard Pack	37157	38522	37155	37154	37156	N/A	N/A
POP Pack	38507	38524	38505	38504	38506	02800	02801
Bulk Pack	37157B	38522B	37155B	37154B	37156B	N/A	N/A
Shank	-	Hex	Hex	Hex	Hex	Hex	Hex
Shank Size	1/4" (6.4 mm)	5/16" (7.9 mm)	7/16" (11.1 mm)	5/16" (7.9 mm)	7/16" (11.1 mm)	5/16" (7.9 mm)	7/16" (11.1 mm)
Min. Chuck Size	1/4" (6.4 mm)	3/8" (9.5 mm)	1/2" (12.7 mm)	3/8" (9.5 mm)	1/2" (12.7 mm)	3/8" (9.5 mm)	1/2" (12.7 mm)
Locking Collar	No	No	No	Yes	Yes	No	No
Use With	9/16" – 1-3/16" (14.3 – 30.2 mm) Hole Saws	9/16" – 1-3/16" (14.3 – 30.2 mm) Hole Saws	9/16" – 1-3/16" (14.3 – 30.2 mm) Hole Saws	1-1/4" – 2" (31.8 – 50.8 mm) Hole Saws	1-1/4" – 6" (31.8 – 152.4 mm) Hole Saws and all Greenlee Recessed Light Hole Saws	9/16" – 2" (14.3 – 50.8 mm)	9/16"-6" (14.3 – 152.4 mm)



### PILOT DRILL BITS

	CAT. NO.	
Standard Pack Qty: 6 per pack	37623	38526
POP Pack	39873	39893
Bulk Pack Qty: 50 per pack	37623B	38526B
Length	4-1/8" (104.8 mm)	3-1/4" (82.5 mm)
Diameter	1/4" (6.4 mm)	1/4" (6.4 mm)
Use With Greenlee Arbor #'s	37154, 37155, 37156 & 37157	37154, 37155, 37156 & 38522

### CARBIDE-TIPPED PILOT DRILL BITS

	CAT. NO.
Standard Pack	325-001
Length	4-1/8" (104.8 mm)
Diameter	1/4" (6.4 mm)
Use With Greenlee Arbor #'s	37157, 37155, 37156 & 37154

## Bit Extensions

- Extend bit lengths – Hole saw arbors, spade bits, auger bits, and step bits
- Use for boring deeper into wood



### BIT EXTENSIONS

CAT NO.	UPC NO.	LENGTH		HEX SHANK		HOLE DIAMETER		HEAD DIAMETER	
		IN	mm	IN	mm	IN	mm	IN	mm
901-12	783310027065	12	304.8	1/4	6.4	1/4	6.4	9/16	14.3
902-18	783310027072	18	457.2	5/16	7.9	23/64	9.1	21/32	16.7
902-24	783310027089	24	609.6	5/16	7.9	23/64	9.1	21/32	16.7
904H-12	783310349808	12	304.8	7/16	11.1	**	–	23/32	18.3
904H-18	783310353560	18	457.2	7/16	11.1	**	–	23/32	18.3
904H-24	783310353584	24	609.6	7/16	11.1	**	–	23/32	18.3
904H2-5-1/2	783310012665	5-1/2"	140.0	7/16"	11.1	–	–	–	–

\*\*For 7/16" Hex or 1/2" Round with 3 Flats, 1/4" Wide

### REPLACEMENT PARTS

CAT NO.	UPC NO.	DESCRIPTION
<b>R</b> 3713GB	783310509622	Set Screw for 901-12
<b>R</b> 3678GB	783310507536	Set Screw for 902-18 and 902-24
<b>R</b> 3693GB	783310507659	Set Screw for 904H-12, 904H-18 and 904H-24

## Deburring Tool

- Cleans burrs from both sides of the hole in seconds
- Works with any hole size or shape 3/4" or larger
- Deburrs up to 10 ga mild and stainless steel, copper, brass, aluminum
- 5/16" Shank
- Run tool clockwise to deburr, counterclockwise to clear chips



CAT NO.	UPC NO.	DESCRIPTION
11170	783310111702	Deburring Tool
<b>R</b> 11180	783310111801	Cutter 3-pack

**NOTE:** To extend the life of your tool, see Cutting/Threading Oil on page 133.



725-1-3/8

## Carbide-Grit Hole Saws

- Long-lasting tungsten carbide-grit delivers extremely clean, smooth cuts through tile, cement board, and other abrasive materials
- Perfect for cutting holes in Quazite® enclosure or hardy board siding for 3-0 box installation
- Rugged construction for enduring performance
- Use with Arbors listed on page 114

CARBIDE GRIT HOLE SAWS		HOLE SIZE		CONDUIT	PG /ISO
CAT NO.	UPC NO.	IN	mm		
725-7/8	783310100720	7/8	22.2	1/2"	Pg 16
725-1-1/8	783310100737	1-1/8	28.6	3/4"	Pg 21
725-1-3/8	783310100751	1-3/8	35.0	1"	-
725-1-3/4	783310100775	1-3/4	44.4	1-1/4"	-
725-2	783310100782	2	50.8	1-1/2"	ISO-50
725-2-1/2	783310100805	2-1/2	63.5	2"	ISO-63
725-3-5/8	783310100812	3-5/8	92.1	3"	-
725-4-1/8	783310106876	4-1/8	104.8	3-1/2"	-
725-4-1/2	783310018797	4-1/2	114.3	4"	-

## PILOT DRILL

CAT NO.	UPC NO.	DESCRIPTION
725-001	783310100829	1/4" Carbide Tipped Pilot Drill



35712

### Recessed Light Hole Saws

- Industry's only interchangeable replacement blades
- Strong durable back plate
- Cut up to 7/8" (22.2 mm) thick plywood, wood, acoustical tile and ceiling tile
- Use with a power drill
- Use with arbors listed on page 114

CAT NO.	UPC NO.	DIAMETER	USE FOR	BLADE CAT NO.	BLADE UPC NO.
35712G	783310357124	4-3/8" (111 mm)	Mini Juno, and Capri	35720G <b>R</b>	783310357209
35728G	783310357285	5-3/8" (137 mm)	Capri, Juno, Lightolier, Progress and Precolite	35730G <b>R</b>	783310357308
35713	783310357131	6-3/8" (162 mm)	Halo and Capri	35721 <b>R</b>	783310357216
35714	783310357148	6-5/8" (168 mm)	Juno and Progress	35722 <b>R</b>	783310357223
35715	783310357155	6-7/8" (175 mm)	Lithonia and Marco	35723 <b>R</b>	783310357230

### REPLACEMENT PARTS

CAT NO.	UPC NO.	DESCRIPTION
<b>R</b> 35708	783310357087	Set of 5 Blade Screws



06923

### Quick Cutter™ Hole Saws

- Most affordable way to cut clean, precise holes in ceiling tile to help ensure proper fitting installations
- Self-sharpening, carbide-sprayed cutting tips can cut dozens of holes in very abrasive materials and still stay sharp
- Stabilizer spring balances cutting forces and offers more control of the tool when drilling drywall
- 5/16" shank that can be used with a cordless drill
- Included dust shield helps eliminate flying dust and debris

CAT NO.	UPC NO.	DESCRIPTION
06923	783310069232	Quick Cutter Recessed Hole Saw, Adjustable in 1/2" Increments for Cuts of 2-1/2" to 7"

# STEP BITS



## Step Bits

- Split-point tip - for quick penetration and easy, more accurate drilling
- Dual-flute design - two cutting edges help drill faster with less force
- Steam oxide finish - runs cooler and extends the life of the bit
- 3/8" hex shank
- XT Cobalt step bits are made from cobalt high speed steel for maximum life in stainless steel
- XT Cobalt step bits are capable of cutting up through 10 ga stainless steel, mild steel, copper, brass, aluminum, wood, plastic and laminates
- Kwik Stepper® step bits are capable of cutting up through 3/8" (9.5 mm) mild steel, copper, brass, aluminum, wood, plastic and laminates

### XT COBALT STEP BIT SET

CAT NO.	UPC NO.	DESCRIPTION
35884C	783310057932	3-piece XT Cobalt Sep Bit Set – 1/2", 7/8", 1-1/8"

### KWIK STEPPER® STEP BIT SETS

CAT NO.	UPC NO.	DESCRIPTION
35884	783310358848	3-piece Kwik Stepper® Step Bit Set – 1/2", 7/8", 1-1/8"
03607	783310036074	2-piece Kwik Stepper® Step Bit Set – 1/2", 7/8"



# POWER TOOL ACCESSORIES

## STEP BITS

CAT NO.	UPC NO.	BULK QTY. CAT NO. (QTY: 25)	BULK QTY. UPC NO.	DESCRIPTION	SET CAT. NO.		
					35884	03607	35884C
34401C	783310057895	-	-	1/2" XT Cobalt Step Bit with 13 sizes – 1/8", 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 13/32", 7/16", 15/32", 1/2"	-	-	X
34403C	783310057901	-	-	7/8" XT Cobalt Step Bit with 12 sizes – 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8"	-	-	X
30008C	783310057925	-	-	7/8" XT Cobalt Step Bit with 3 sizes – 1/2", 4/8", 1-1/8"	-	-	X
34410	783310344100	-	-	1/2" Kwik Stepper® Step Bit	X	X	
34401	783310344018	-	-	1/2" Kwik Stepper® Step Bit with 13 sizes – 1/8", 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 13/32", 7/16", 15/32", 1/2"	-	-	-
36402	783310364023	-	-	1/2" Kwik Stepper® Step Bit with 6 sizes – 3/16", 1/4", 5/16", 3/8", 7/16", 1/2"	-	-	-
30005	783310300052	-	-	13/16" Kwik Stepper® Step Bit with 11 sizes – 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16"	-	-	-
34411	783310344117	-	-	7/8" Kwik Stepper® Step Bit	-	-	-
34403	783310344032	34403-B	783310015017	7/8" Kwik Stepper® Step Bit with 12 sizes – 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8"	X	X	-
30008	783310300083	30008-B	783310015000	7/8" Kwik Stepper® Step Bit with 3 sizes – 1/2", 4/8", 1-1/8"	X	-	-
36414	783310364146	36414-B	783310015024	1-3/8" Kwik Stepper® Step Bit with 6 sizes – 7/8", 1-1/8", 30.5 mm, 1-7/32", 1-1/4", 1-3/8"	-	-	-
36018G	783310360186	-	-	9.7 mm Kwik Stepper® Step Bit	-	-	-
36020	783310360209	-	-	30.5 mm Kwik Stepper® Step Bit with 8 sizes – 9.7 mm, 12.5 mm, 15.2 mm, 18.6 mm, 20.4 mm, 22.5 mm, 28.3 mm, 30.5 mm	-	-	-
36022	783310360223	-	-	32.5 mm Kwik Stepper® Step Bit with 4 sizes – 16.2 mm, 20.4 mm, 25.4 mm, 32.5 mm	-	-	-

# DRILL/TAP BITS



DTAPKIT

## Drill/Tap Bits

- Quickly drill, tap and countersink in one operation
- Tap holes up to 4X faster than traditional methods\*
- One-piece Drill/Tap design ensures proper hole for tap size
- Split-tip resists walking and drills fast
- Back-taper prevents thread damage
- Drill and tap up to 1/8" mild steel, copper, brass, aluminum
- Hardened high-speed steel construction
- Fast, secure 1/4" quick-change hex shank
- Quick-change adapter included in all kits
- Most common coarse and fine thread available



DTAP1/4-20

## DRILL/TAP BIT SETS

CAT NO.	UPC NO.	DESCRIPTION
DTAPKIT	783310176206	6-32 to 1/4-20 6-Piece Drill Tap Set
DTAPKITM	783310121510	Metric, M3-M10 6-Piece Drill/Tap Set

## STANDARD DRILL/TAP BITS

CAT NO.	UPC NO.	DESCRIPTION	DTAPKIT
DTAP6-32	783310176114	6-32NC Drill/Tap Bit	X
DTAP8-32	783310176121	8-32NC Drill/Tap Bit	X
DTAP10-24	783310176138	10-24NC Drill/Tap Bit	X
DTAP10-32	783310176145	10-32NF Drill/Tap Bit	X
DTAP12-24	783310176152	12-24NC Drill/Tap Bit	X
DTAP1/4-20	783310176169	1/4-20NC Drill/Tap Bit	X
DTAP5/16-18	783310116271	5/16-18NC Drill/Tap Bit	-
DTAP3/8-16	783310116288	3/8-16NC Drill/Tap Bit	-



DRILL



TAP



COUNTERSINK

## METRIC DRILL/TAP BITS

CAT NO.	UPC NO.	DESCRIPTION	DTAPKITM
DTAPM3C	783310121602	M3 X 0.50 Drill/Tap Bit	X
DTAPM4C	783310121619	M4 X 0.70 Drill/Tap Bit	X
DTAPM5C	783310121626	M5 X 0.80 Drill/Tap Bit	X
DTAPM6C	783310121633	M6 X 1.00 Drill/Tap Bit	X
DTAPM8C	783310121640	M8 X 1.25 Drill/Tap Bit	X
DTAPM10C	783310121657	M10 X 1.50 Drill/Tap Bit	X

\*When compared to standard drill, tap, and countersink tools. \*For best results, use Greenlee cutting oil with Drill/Tap bits. Always reverse drill rotation when backing bit out of hole. For material thicker than 1/4 ; stop and reverse drill to clear chips mid-way through tapping process.



DDKIT-1-68

### Electrician's Drill/Driver Set

- 1/4" Quick Change technology
- Professional grade driver bits
- Titanium Nitride coated self-centering high speed drill bits
- High quality shock resistant case stays intact even after accidental drops
- Hammer drill rated carbide grade tips and hardened shank masonry drill bits
- Hardened forged magnetic nut drivers fit most TapCon® fasteners
- Quick release chuck for easy and precise fit
- Includes security bits that fit most security fasteners frequently used in public facilities

#### SPECIFICATIONS

Length	12.32" (313 mm)
Width	10.75" (273 mm)
Height	1.95" (49 mm)
Weight	2.35 lb (1.06 kg)

CAT NO.	UPC NO.	DESCRIPTION
DDKIT-1-68	783310263135	68-Piece Electrician's Drill/Driver Kit

# AUGER BITS



## Auger Bits

- Patented, self-feeding screw point tip draws the bit completely through the wood – no need to push the bit while drilling
- Design/Cutting Edge feature
- Over-center flude design for fast chip evacuation – no clogging or chip flyback
- Made from hardened carbon alloy steel for durability and longer life
- 7/16" hex shank with quick-change groove for impact drivers
- Nail Eater® design with patented cutting edge cuts nails and staples
- Nail Eater® bits made in the USA
- See "Bit Extensions" if more length is required (see page 115)



## Nail Eater® Extreme

- 7-5/8" (5" twist) and 18" (15" twist) lengths available

### NAIL EATER® EXTREME

CAT. NO.	UPC NO.	BULK CAT. NO.	BULK UPC NO.	BULK QTY.	HOLE DIA.		HEX SHANK	
					IN	mm	IN	mm
66PT-1/2	783310309154	–	–	–	1/2	12.7	5/16	7.9
66PT-5/8	783310309192	–	–	–	5/8	15.9	7/16	11.1
66PT-11/16	783310309215	–	–	–	11/16	17.5	7/16	11.1
66PT-3/4	783310309239	66PT-B-3/4	783310366591	24	3/4	19.1	7/16	11.1
66PT-13/16	783310020066	–	–	–	13/16	20.6	7/16	11.1
66PT-7/8	783310309277	66PT-B-7/8	783310366621	24	7/8	22.2	7/16	11.1
66PT-15/16	783310309291	–	–	–	15/16	23.8	7/16	11.1
66PT-1	783310309314	66PT-B-1	783310366645	24	1	25.4	7/16	11.1
66PT-1-1/8	783310309352	–	–	–	1/8	28.6	7/16	11.1
66PT-1-1/4	783310309376	–	–	–	1-1/4	31.8	7/16	11.1

### SHORT NAIL EATER® EXTREME

CAT. NO.	UPC NO.	BULK CAT. NO.	BULK UPC NO.	BULK QTY.	HOLE DIA.		HEX SHANK	
					IN	mm	IN	mm
62PTS-5/8	783310317883	–	–	–	5/8	15.9	7/16	11.1
62PTS-11/16	783310317906	–	–	–	11/16	17.5	7/16	11.1
62PTS-3/4	783310317920	62PTS-B-3/4	783310366409	12	3/4	19.1	7/16	11.1
62PTS-13/16	783310317944	–	–	–	13/16	20.6	7/16	11.1
62PTS-7/8	783310317968	62PTS-B-7/8	783310366423	12	7/8	22.2	7/16	11.1
62PTS-1	783310317982	62PTS-B-1	783310366430	12	1	25.4	7/16	11.1
61/62PTS-1-1/8	783310304319	–	–	–	1-1/8	28.6	7/16	11.1
61/62PTS-1-1/4	783310304333	–	–	–	1-1/4	31.8	7/16	11.1



### Nail Eater® RT

- No need to sharpen with the quick-change replaceable cutting edge and self-feed screw point tip

CAT NO.	UPC NO.	DESCRIPTION
66RT-7/8	783310125556	Auger Bit 7/8" x 18"
66RT-1	783310125563	Auger Bit 1" x 18"
63RT-7/8	783310125587	Auger Bit 7/8" x 8-5/8"
63RT-1	783310125594	Auger Bit 1" x 8-5/8"
PTR-7/8	783310125617	Replacement Tip 7/8"
PTR-1	783310125624	Replacement Tip 1"



### Nail Eater® Extreme Impact Bits

- Quickly bore through creosoted and salt-treated utility poles

#### NAIL EATER® EXTREME

CAT NO.	UPC NO.	HARDWARE DIAMETER		HOLE DIAMETER		OVERALL LENGTH		HEX SHANK	
		IN	mm	IN	mm	IN	mm	IN	mm
37868	783310378686	9/16	14.3	5/8	15.9	18	457.2	7/16	11.1
37869	783310378693	11/16	17.5	3/4	19.1	18	457.2	7/16	11.1
37870G	783310378709	13/16	20.6	7/8	22.2	18	457.2	7/16	11.1
37871	783310378716	15/16	23.8	1	25.4	18	457.2	7/16	11.1



### Nail Eater® Extreme Black Utility Auger Bits

- Teflon® coating resists heat and friction for fast and smooth operation

#### NAIL EATER® EXTREME BLACK UTILITY AUGER BITS

CAT NO.	UPC NO.	HARDWARE DIAMETER		HOLE DIAMETER		OVERALL LENGTH		HEX SHANK	
		IN	mm	IN	mm	IN	mm	IN	mm
66TF-9/16	783310020042	9/16	14.3	5/8	15.9	18	457.2	7/16	11.1
66TF-11/16	783310020059	11/16	17.5	3/4	19.1	18	457.2	7/16	11.1
66TF-13/16	783310020066	13/16	20.6	7/8	22.2	18	457.2	7/16	11.1
66TF-15/16	783310020073	15/16	23.8	1	25.4	18	457.2	7/16	11.1

## Long Auger Bits

- Quickly and easily drill clean holes through salt-treated utility poles
- Cutting edge can be re-sharpened multiple times and continues to self feed
- Not a Nail Eater® – should not be used in wood with nails or other hard objects



70PT-11/16



70PT-13/16



70PT-15/16

CAT NO.	UPC NO.	DESCRIPTION
70PT-11/16	783310110972	11/16" x 24" Impact Auger Wood Bit
71PT-11/16	783310111009	11/16" x 30" Impact Auger Wood Bit
70PT-13/16	783310110989	13/16" x 24" Impact Auger Wood Bit
71PT-13/16	783310111016	13/16" x 30" Impact Auger Wood Bit
70PT-15/16	783310110996	15/16" x 24" Impact Auger Wood Bit
71PT-15/16	783310111023	15/16" x 30" Impact Auger Wood Bit

# D'VersiBIT® FLEXIBLE INSTALL BITS

## D'VersiBIT® System

- Drill and fishwire or cable through existing walls
- Flexible steel shaft will bend in the direction you want to drill
- Bits range from 3/8" to 1" (9.5 to 25.4 mm) in diameter and in shaft length from 54" and 72" (1372 to 1828.8 mm)



### Type A, Auger



- Wood-type auger bit with screw point
- Pulls itself through wood, avoids walking or skidding
- Excellent for drilling in soft woods or through thin sections
- Slow back-taper allows for easy retrieval

### Type B, Combination with Screw Point



- For aggressive chip removal in many types of woods
- Screw point for easy starting and pulling through wood
- With screw point removed, this bit can be ground to function like a standard combination bit

BIT DIAMETER IN (mm) COLOR CODE	SHAFT LENGTH		SHAFT DIAMETER		TYPE A AUGER		TYPE B COMBINATION WITH SCREW POINT	
	IN	cm	IN	mm	CAT. NO.	UPC NO.	CAT. NO.	UPC NO.
3/8" (9.5 mm) Black	54	137.16	3/16	4.8	06-03-54A	783310380689	06-03-54B	783310380931
	72	182.88	3/16	4.8	06-03-72A	783310380696	06-03-72B	783310380948
1/2" (12.7 mm) Green	54	137.16	3/16	4.8	08-03-54A	783310380733	08-03-54B	783310380986
	72	182.88	3/16	4.8	08-03-72A	783310380740	08-03-72B	783310380993
9/16" (14.3 mm) Orange	54	137.16	3/16	4.8	09-03-54A	783310380788	09-03-54B	783310381037
	72	182.88	3/16	4.8	09-03-72A	783310380795	09-03-72B	783310381044
3/4" (19.1 mm) Red	54	137.16	1/4	6.4	12-04-54A	783310380832	-	-
	72	182.88	1/4	6.4	12-04-72A	783310380849	-	-
1" (25.4 mm) White	54	137.16	1/4	6.4	16-04-54A	783310380887	-	-
	72	182.88	1/4	6.4	16-04-72A	783310380894	-	-



DBITKIT

## D'VersiBIT® Starter Kit

- All the tools to complete a typical wiring job
- Includes 09-03-54B bit, 712P placement tool and 150 pulling grip

CAT NO.	UPC NO.	DESCRIPTION
DBITKIT	783310122784	D'VersiBIT® Kit with 9/16" Bit, Placement Tool and Grip for Pulling 1/2" OD Wire

## Extensions

- Connect to chuck end of D'VersiBIT® shaft to increase the length of the bit



CAT NO.	UPC NO.	CONNECTING END DIA.	SHAFT DIA.	LENGTH
3XT-54	783310386865	7/16" (11.1 mm)	3/16" (4.8 mm)	54" (1371.6 mm)
4XT-54	783310386896	5/8" (15.9 mm)	1/4" (6.4 mm)	54" (1371.6 mm)

CAT NO.	UPC NO.	DESCRIPTION
 54333	783310543336	Screws for 3XT
 3678GB	783310507536	Screws for 4XT



712P

## Placement Tool

- Allows placement of the drill bit at any point within the wall
- Useful for vertical and horizontal placements

CAT NO.	UPC NO.	DESCRIPTION
712P	783310383505	D'VersiBIT® Placement Tool



168Q

150Q

125Q

## Wire and Cable Pulling Grips

- Grip can attach to standard D'Versibit® or to any standard 1/4" Quick-Connect adapter for pulling wire, cable or fish tape through walls
- Swivel design reduces twisting
- Mesh design holds wire or cable during pull
- 100 lb pulling force capacity

CAT NO.	UPC NO.	DESCRIPTION
125Q	783310127918	Quick Change Grip for Pulling Single Wire with 3/8" to 1/2" (9.5 mm to 12.7 mm).
150Q	783310127925	Quick Change Grip for Pulling 1/2" (12.7 mm) OD Wire with 1/2" to 9/16" (12.7 to 14.3 mm).
168Q	783310127932	Quick Change Grip for Pulling 3/4" (19.1 mm) OD Wire with 3/4" to 1" (19.1 to 25.4 mm)



## Quick Change D'VersiBIT® System Kit

- Flexible shaft allows easy access to difficult and tight areas
- Convenient 1/4" quick connect receiver accepts most standard quick change accessories
- Multiple extensions can be easily joined to create the perfect length for any job
- Capacity: Any 1/4" quick change accessory 3/4" diameter and under

### QUICK-CHANGE D'VeRSIBIT® SETS

CAT NO.	UPC NO.	DESCRIPTION
941	783310313885	Quick-Change D'VersiBIT® Set, 1/4" shaft
921	783310124115	Quick-Change D'VersiBIT® Set, 3/16" shaft

### QUICK-CHANGE EXTENSIONS

CAT NO.	UPC NO.	SHAFT LENGTH	SHAFT DIAMETER	941	921
921-18	783310124139	18"	3/16"	-	X
921-36	783310124153	36"	3/16"	-	X
941-18	783310313908	18"	1/4"	X	-
941-36	783310313892	36"	1/4"	X	-

### GRIPS

CAT NO.	UPC NO.	SIZE	CAPACITY	941	921
125Q	783310127918	3/8"	100 lb	-	-
150Q	783310127925	1/2"	100 lb	X	X
168Q	783310127932	3/4"	100 lb	-	-

### AUGER BITS

CAT NO.	UPC NO.	HOLE SIZE	941	921
60A-3/4	783310124177	3/4"	X	X
60A-7/8	783310124184	7/8"	-	-
60A-1	783310105381	1"	-	-

### PLACEMENT TOOL

CAT NO.	UPC NO.	941	921
712P	783310383505	X	-



941

# SPADE BITS



33AR-6

## Spade Bits

- Bore hardwood, softwood, plywood and drywall
- Hole in top center of bit for wire pulling
- Forged and heat treated for long life
- 1/4" Quick change hex shank
- See "Bit Extensions" (page 115) if more length required

### SPADE BIT SET

CAT NO.	UPC NO.	DESCRIPTION
33AR-6	783310203643	6-Piece Spade Bit Set, 3/8" - 1"

### 33A SPADE BITS – LENGTH 6-1/4" (158.8 mm)

CAT NO.	UPC NO.	HOLE DIAMETER		SET CAT. NO.
		IN	mm	33AR-6
33A-1/2	783310203483	1/2	12.7	X
33A-5/8	783310203506	5/8	15.9	X
33A-3/4	783310203520	3/4	19.1	X
33A-7/8	783310203544	7/8	22.2	X
33A-1	783310203575	1	25.4	X
33A-1-1/8	783310203582	1-1/8	28.6	-
33A-1-1/2	783310203612	1-1/2	38.1	-

### 33L SPADE BITS – LENGTH 16" (406.4 mm)

CAT NO.	UPC NO.	HOLE DIAMETER	
		IN	mm
33L-3/8	783310315360	3/8	9.5
33L-1/2	783310315377	1/2	12.7
33L-5/8	783310315391	5/8	15.9
33L-3/4	783310315407	3/4	19.1
33L-7/8	783310315414	7/8	22.2
33L-1	783310315421	1	25.4



34AR-6

### Self-Feeding Spade Bits

- Innovative self-feeding design requires less effort and reduces vibration
- Unique tapered design allows existing hole enlargement

#### SELF-FEEDING SPADE BIT SET

CAT NO.	UPC NO.	DESCRIPTION
34AR-6	783310037101	6-Piece Self-Feeding Spade Bit Set, 3/8" - 1"

#### 34A SPADE BITS – LENGTH 6-1/4" (158.8 mm)

CAT NO.	UPC NO.	HOLE DIAMETER	
		IN	mm
34A-3/8	783310037118	3/8	9.5
34A-1/2	783310037125	1/2	12.7
34A-5/8	783310037132	5/8	15.9
34A-3/4	783310037149	3/4	19.1
34A-7/8	783310037156	7/8	22.2
34A-1	783310037163	1	25.4



149H2KIT

## E-Z Bore® Self-Feed Bits Set

- Double-end replaceable screw point. Choose the right feed for the material you are drilling. Fine thread for hardwoods, coarse thread for fast, effortless drilling even in soft, gummy woods
- Tapered backside for easier removal
- Open dual-flute design for faster chip evacuation
- Heavy-duty 7/16" three-flat shank

### E-Z BORE® SELF-FEED BIT SET

CAT NO.	UPC NO.	DESCRIPTION
149H2KIT	783310012733	E-Z Bore® set with 1" to 2-3/4"



149H2-1-3/8

### E-Z BORE® SELF-FEED BITS

HOLE DIAMETER		PIPE & CONDUIT SIZE			LENGTH		SET CAT. NO.
IN	mm				IN	mm	149HZKIT
1"	25.4	1/2"	149H2-1	783310012474	5"	127.0	X
1-1/8"	28.6	1/2"	149H2-1-1/8	783310012504	5"	127.0	X
1-1/4"	31.8	3/4"	149H2-1-1/4	783310012498	5"	127.0	X
1-3/8"	34.9	3/4"	149H2-1-3/8	783310012528	5"	127.0	-
1-1/2"	38.1	1"	149H2-1-1/2	783310012481	5"	127.0	X
1-3/4"	44.4	1-1/4"	149H2-1-3/4	783310012511	5"	127.0	X
2"	50.8	1-1/4"	149H2-2	783310012573	5"	127.0	-
2-1/8"	54	1-1/2"	149H2-2-1/8	783310012603	5"	127.0	X
2-1/4"	57.2	1-1/2"	149H2-2-1/4	783310012580	5"	127.0	-
2-9/16"	65.1	2"	149H2-2-9/16	783310012610	5"	127.0	X
3"	76.2	2-1/2"	149H2-3	783310012627	5"	127.0	-
3-5/8"	92.1	3"	149H2-3-5/8	783310012634	6-1/4"	158.8	-
4-5/8"	117.5	4"	149H2-4-5/8	783310012726	6-1/4"	158.8	-

### REPLACEMENT PARTS

CAT NO.	UPC NO.	DESCRIPTION	SCREW POINT DIA.		LENGTH	
			IN	mm	IN	mm
<b>R</b> 149H2-1/4	783310012542	Screw Point	1/4"	6.4	2"	50.8
<b>R</b> 149H2-3/8	783310012719	Screw Point	3/8"	9.5	2-3/4"	69.9

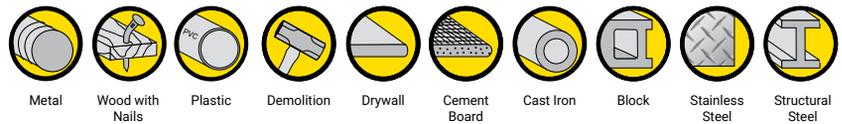
# RECIPROCATING SAW BLADES



### BI-METAL BLADES

- Greenlee blades feature improved bi-metal material with added cobalt for increased toughness, durability and blade life
- Precision cutting teeth are designed to stay sharp and cut fast, saving valuable time on the job
- Available in a variety of blade types for cutting wood, nail embedded wood, metal, and other demanding construction materials

## Reciprocating Saw Blades



	CAT. NO.	LENGTH x WIDTH x THICKNESS IN / mm	MATERIAL	QTY/ PK	TEETH PER IN	SPEED AND QUALITY OF CUT
<b>BI-METAL</b>						
NOTE: Minimum blade length = Material width + 3"						
	353-624	6 x 3/4 x .035 / 152 x 19 x .9	<b>BETTER</b> for sheet metal (1/8" and less)	5	24T	
	353-818	8 x 3/4 x .035 / 203 x 19 x .9	<b>BETTER</b> for thin metal (1/16" - 3/16")	5	18T	
	353-618	6 x 3/4 x .035 / 152 x 19 x .9	<b>BETTER</b> for thin metal (1/16" - 3/16")	5	18T	
	353-814	8 x 3/4 x .050 / 203 x 19 x 1.3	<b>BETTER</b> for medium metal (3/32" - 3/8")	5	14T	
	353-614	6 x 3/4 x .035 / 152 x 19 x .9	<b>BETTER</b> for medium metal (3/32" - 3/8")	5	14T	
	353-110	12 x 3/4 x .050 / 305 x 19 x 1.3	<b>BETTER</b> for general purpose	5	10/14T	
	353-123	6 x 3/4 x .035 / 152 x 19 x .9	<b>BETTER</b> for general purpose	5	8/18T	
	353-969	9 x 7/8 x .063 / 229 x 22 x 1.6	<b>BEST</b> for demolition projects	5	8/10T	
	353-646	6 x 3/4 x .050 / 152 x 19 x 1.3	<b>BETTER</b> for clean wood and wood with nails	5	6T	
	353-656	6 x 3/4 x .050 / 153 x 19 x 1.3	<b>BETTER</b> for clean wood and wood with nails (plunge cutting)	5	6T	
	353-956	9 x 3/4 x .050 / 229 x 19 x 1.3	<b>BETTER</b> for clean wood and wood with nails (plunge cutting)	5	6T	
	353-156	12 x 3/4 x .050 / 305 x 19 x 1.3	<b>BETTER</b> for clean wood and wood with nails (plunge cutting)	5	6T	

# ANCHORS AND FASTENERS

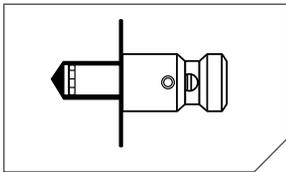


## Screw Anchor Expanders for Calk-In™ Style Anchors

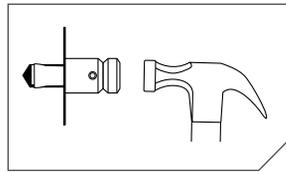
- Quickly and securely set expansive screw anchors in masonry, regardless of thickness
- Hardened alloy steel

### SCREW ANCHOR EXPANDERS

CAT NO.	UPC NO.	EXPANSIVE BOLT SIZE	USE WITH ANCHOR NO.
866	783310026679	#10 - 24	84299
868	783310026693	1/4" - 20	84299
870	783310026716	3/8" - 16	84305



1. Drill hole of required size and put anchor screw on expander. Insert screw anchor into drilled hole.



2. Strike head of expander with hammer or mallet until anchor is held securely in wall. Unscrew expander.

### REPLACEMENT PARTS

CAT NO.	UPC NO.	DESCRIPTION
 4451AV	783310051916	Anchor Screw for 866
 4457AV	783310051978	Anchor Screw for 868
 4717AV	783310053002	Anchor Screw for 870
 1125GB	783310504238	Roll Pin 1/4" x 1-1/8"

## Machine Screw Anchors

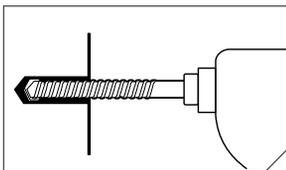
- Zinc alloy and lead anchor can be set flush or subset. Greenlee setting tool required
- Rustproof, use interior or exterior
- For setting in hollow block or for setting anchors at same depth, use Greenlee screw anchor expander



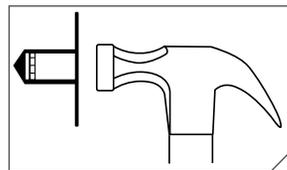
CAT. NO.	UPC NO.	THREAD SIZE	REQ. HOLE		QTY. PER BOX	WORKING LOAD PULLOUT	
			DIA.	MIN. DEPTH		LB	KG
84299	783310842996	1/4"-20	1/2"	7/8"	100	125	56.6
84305	783310843054	3/8"-16	3/4"	1-1/4"	50	312.5	141.6

\*One Setting Tool included with each box of anchors. Approvals: Conforms to the description in Federal Specification FFS-325, Group I, Type 1, Class 1.

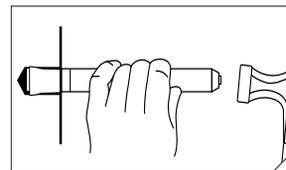
**NOTE:** Working load is one fourth the ultimate/maximum capacity. For critical or unusual applications, site testing is recommended.



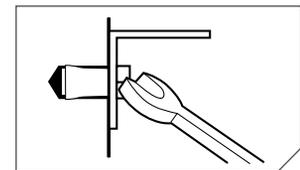
1. Drill hole in masonry.



2. Insert anchor, conical end first, until flush with surface.



3. Using setting tool, caulk lead outer sleeve with sharp blows. Position fixture.



4. Insert screw or bolt and tighten.

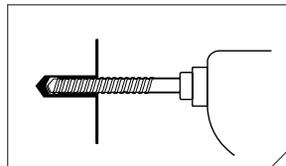
## Plastic Conical Anchors



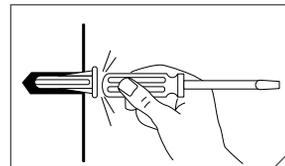
- Light-duty, multi-size anchor for use in concrete, block, tile and brick
- Use with sheet metal, wood and lag screws
- Has collar for hollow materials
- Moisture and chemical resistant, for indoor/outdoor use
- Anchor kits include 100 anchors, 100 screws and one masonry bit

### ANCHOR KITS

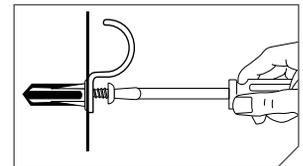
CAT. NO.	UPC NO.	ANCHOR SIZE	SCREW SIZE	TYPE	BIT SIZE
84012	783310840121	#10, #12	#10 x 1"		1/4"
84019	783310840190	#10, #12	#10 x 1"		1/4"



1. Drill hole full length of anchor or 1/8" deeper.



2. Tap anchor into hole flush with surface.



3. Insert screw through fixture into plastic plug and tighten.

## Cutting/Threading Oil

- Premium quality, high lubricity for easier cutting and long tool life
- Choice of light or dark



### SPECIFICATIONS

CAT. NO.	SIZE	WEIGHT
462-Q, 463-Q	1 Qt. (.9 l)	2.3 lb (1 kg)
462-1, 463-1	1 Gal. (3.8 l)	8.7 lb (4 kg)

CAT NO.	UPC NO.	DESCRIPTION
462-Q	783310282372	Dark Cutting/Threading Oil – 1 Qt.
462-1	783310260967	Dark Cutting/Threading Oil – 1 Gal
463-Q	783310282389	Light Cutting/Threading Oil – 1 Qt
463-1	783310282396	Light Cutting/Threading Oil – 1 Gal

Calk-In is a trademark of Powers Fasteners, Inc.  
 Quazite is a registered trademark of Hubbell Inc.  
 TapCon is a registered trademark of Illinois Tool Works Inc.  
 Teflon is a registered trademark of E.I. DuPont de Nemours and Company



# CUTTING

Designed for the professional, our cutting solutions are made for high performance and productivity. From large-batch shearing to every day cutting, Greenlee offers a complete lineup of cutting tools built for speed, precision and safety.

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# SHEAR 30T

MAXIMIZE PRODUCTIVITY. FROM PREPERATION TO JOBSITE.

### Quick Die Change System

Easily swap out dies with no tools or loose parts

### Automatic Retraction

Retaining spring arm brings back dies into starting position for next cut

### Material Rest

Keeps material perpendicular for clean cuts and extended die life

### Die Grooves

Ensures the dies are inserted correctly every time



### Hydraulic Hose Through-Hole

Securely contains hydraulic hose from the pump to the ram



### Powerful 30-Ton Hydraulic Ram

Easily and quickly shears through tough material



### Laser-Marked Measuring System

Accurately shear each piece to precise length with movable arm and measuring stop



GLSS980KIT002

### Hydraulically Powered

Use with Greenlee 980 electric pump or EHP700L11 battery-powered pump



GREENLEE

Power Team  
30 TO

# STRONG, DURABLE DIES

## HIGH-GRADE STEEL ENSURES LONG LIFE



**158SSSTRT**  
Dual-Profile Strut  
1-5/8" x 1-5/8" &  
1-5/8" x 13/16"



**158STRDSTRT**  
Strut  
1-5/8" x 1-5/8"



**78SSSTRT**  
Strut  
7/8" x 1-5/8"



**1316SSSTRT**  
Strut  
13/16" x 1-5/8"



**1458T ROD**  
Threaded Rod  
1/4", 3/8", 1/2", 5/8"



**158DSTRT**  
Back to Back Strut  
1-5/8" x 3-1/4"



**78DSTRT**  
Back-to-Back Strut  
7/8"



**1316DSTRT**  
Back-to-Back Strut  
13/16"



**4STRT21**  
Cooper B-Line® Strut  
4D21 2-1/8" x 1-1/16"



**4STRT22**  
Cooper B-Line® Strut  
4D22 2-1/8" x 2-1/8"



**THDR7515**  
Top-Hat DIN Rail  
Combo Die  
7.5 mm & 15 mm x 35 mm



**GSDR15**  
DIN Rail – G-Section



**3000SSRB**  
Legrand 3000  
Series Raceway  
1-15/32" x 2-3/4" (Base)



**3000SSRC**  
Legrand 3000  
Series Raceway  
2-3/4" (Cover)

# CUTTING



GLSSB



GLSS980KIT002



GLSSEHPKIT003

## SHEAR 30T KIT OPTIONS

KIT TYPE	BARE KIT	KIT WITH NO PUMP	KIT WITH 980 PUMP	KIT WITH EHP PUMP
<b>CAT. NO.</b>	GLSSB	GLSSKIT001	GLSS980KIT002	GLSSEHPKIT003
<b>UPC. NO.</b>	783310087267	783310082606	783310082613	783310082620

### COMPONENTS

	BARE KIT	KIT WITH NO PUMP	KIT WITH 980 PUMP	KIT WITH EHP PUMP
<b>N</b> Shearing Unit	X	X	X	X
<b>N</b> Mobile Cart	X	X	X	X
Measurement Arm	X	X	X	X
<b>N A</b> Dual Profile Strut Die (1-5/8" & 13/16" x 1-5/8")	—	X	X	X
<b>N A</b> Threaded Rod Die (1/4", 3/8", 1/2", 5/8")	—	X	X	X
<b>A</b> 980 Electric Hydraulic Pump	—	—	X	—
<b>A</b> EHP Battery Hydraulic Pump	—	—	—	X

**NOTE:** See pages 173 – 174 for more information on hydraulic pumps.

### OTHER DIE OPTIONS AVAILABLE (SOLD SEPARATELY)

	CAT. NO.	UPC. NO.	DESCRIPTION
<b>N A</b>	158SSTRT	783310082255	Dual Profile (1-5/8" & 13/16" x 1-5/8")
<b>N A</b>	1458TROD	783310082293	Threaded Rod (3/8", 1/4", 1/2", 5/8")
<b>N A</b>	4STRT21	783310082279	Cooper B-Line® 4D21 Strut
<b>N A</b>	4STRT22	783310082286	Cooper B-Line® 4D22 Strut
<b>N A</b>	158STRDSTRT	783310088424	Strut – 1-5/8"
<b>N A</b>	1316SSTRT	783310088417	Strut – 13/16"
<b>N A</b>	78SSTRT	783310510123	Strut – 7/8"
<b>N A</b>	158DSTRT	783310082262	Back to Back Strut – 1-5/8"
<b>N A</b>	1316DSTRT	783310510130	Back to Back Strut – 13/16"
<b>N A</b>	78DSTRT	783310510123	Back to Back Strut – 7/8"
<b>N A</b>	3000SSRB	783310037347	Legrand 3000 Series Raceway – 1-15/32" x 2-3/4" (Base)
<b>N A</b>	3000SSRC	783310037354	Legrand 3000 Series Raceway – 2-3/4" (Cover)
<b>N A</b>	THDR7515	783310037521	DIN Rail Combo Die – 7.5 mm & 15 mm x 35 mm
<b>N A</b>	GSDR15	783310037385	DIN Rail – G Section

## BAND SAWS



1399

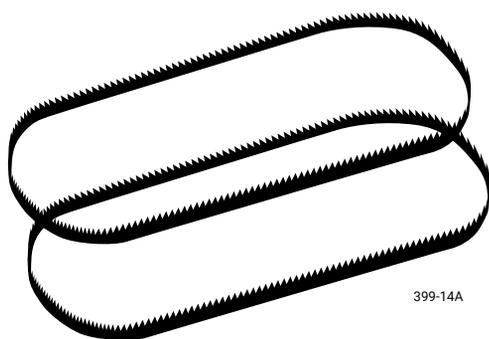
### Heavy-Duty Band Saw

- Cuts up to 8" pipe and 9-1/2" x 11" (241 x 280 mm) tray or duct
- Convertible to wet cutting systems with optional accessories
- Three sawing speeds 76, 141, and 268 feet per minute (23, 43, and 82 meters per minute)
- Converts to vertical in seconds
- Automatic shut-off after cut is complete
- Sturdy wheels for mobility and stability
- Heavy-duty, adjustable hydraulic feed
- Heavy-duty-steel bed with welded steel legs

#### SPECIFICATIONS

<b>Capacity</b>	Rectangular 9-1/2" x 11" (241.3 x 279.4 mm) Round 9-1/2" Dia. or 8" Pipe (241.3 mm) 45° Angle 5-1/2" (139.7 x 139.7 mm) Vertical Work Table 7-5/8" x 10" (193.7 x 254.0 mm) Throat Height 9-1/2" (241.3 mm) Throat Depth 6-1/4" (158.8 mm)
<b>Dimensions</b>	52" H x 47" L x 27" W (13208 H x 11938 L x 685.8 W mm)
<b>Power Source</b>	1399 – 120 VAC 1/2 Horsepower 1399-22 – 220 VAC
<b>Weight</b>	346 lb (157 kg)
<b>Blade Size</b>	1/2" x .025" x 93" (12.7 mm x 0.64 mm x 2362 mm)

CAT NO.	UPC NO.	DESCRIPTION
1399	783310319610	9-1/2" x 11: Capacity Mobile Band Saw (241.3 x 279.4 mm)
32322	783310323228	Wet Cutting System for 120VAC 1399
32237	783310322375	Vertical Work Table



399-14A

### Band Saw Blades

- Top-quality bi-metal blades feature high-speed steel teeth that can handle tough metals like stainless steel with ease
- Bonded to a tough alloy back for maximum hardness and heat resistance
- Fits most popular models of portable band saws

#### MOBILE BAND SAW BLADES

CAT. NO.	UPC NO.	DESCRIPTION	TEETH PER INCH
 399-14A	783310323365	1/2" x .025" x 93" Mobile Band Saw Blade <sup>1</sup>	10/14
 399-18A	783310323372	1/2" x .025" x 93" Mobile Band Saw Blade <sup>1</sup>	18
 399-24A	783310323389	1/2" x .025" x 93" Mobile Band Saw Blade <sup>1</sup>	24
 389-1014-5	783310025931	1/2" x .020" x 44-7/8" Portable Saw Blade	10/14
 389-1418-5	783310025948	1/2" x .020" x 44-7/8" Portable Saw Blade	14/18
 389-24-5	783310025955	1/2" x .020" x 44-7/8" Portable Saw Blade	24

<sup>1</sup>Use with 1399 (31961)

## BOLT CUTTERS



HDFBC18

### Heavy-Duty Bolt Cutters with Fiberglass Handles

- Unique cam bolt blade adjustment for easy cutter alignment
- Forged steel blades for long life
- Clevis-mounted blades for greater cutting strength
- Custom rubber grips provide maximum power
- Fiberglass handles are tough and lightweight

CAT. NO.	UPC NO.	DESCRIPTION	CAPACITY	
			RB85	RC40
HDFBC18	783310112778	Heavy-Duty Bolt Cutter with Fiberglass Handles 18 in (457 mm) Long	5/16" (7.9 mm)	7/32" (5.6 mm)
HDFBC24	783310112785	Heavy-Duty Bolt Cutter with Fiberglass Handles 24 in (610 mm) Long	3/8" (9.5 mm)	9/32" (7.1 mm)
HDFBC30	783310112792	Heavy-Duty Bolt Cutter with Fiberglass Handles 30 in (762 mm) Long	1/2" (12.7 mm)	5/16" (7.9 mm)
HDFBC36	783310112808	Heavy-Duty Bolt Cutter with Fiberglass Handles 36 in (914 mm) Long	5/8" (15.9 mm)	11/32" (8.7 mm)
<b>R</b> 11367	783310113676	Blade Unit for HDFBC18	—	—
<b>R</b> 11342	783310113423	Blade Unit for HDFBC24	—	—
<b>R</b> 11344	783310113447	Blade Unit for HDFBC30	—	—
<b>R</b> 11346	783310113461	Blade Unit for HDFBC36	—	—



HDBC42

HDBC24

### Heavy-Duty Bolt Cutters

- Unique cam bolt blade adjustment for easy cutter alignment
- Forged steel blades for long life
- Clevis-mounted blades for greater strength
- Custom rubber grips for maximum power

CAT. NO.	UPC NO.	DESCRIPTION	CAPACITY	
			RB85	RC40
HDBC24	783310112730	Heavy-Duty Bolt Cutter – 24 in (610 mm) Long	3/8" (9.5 mm)	9/32" (7.1 mm)
HDBC30	783310112747	Heavy-Duty Bolt Cutter – 30 in (762 mm) Long	1/2" (12.7 mm)	5/16" (7.9 mm)
HDBC36	783310112754	Heavy-Duty Bolt Cutter – 36 in (914 mm) Long	5/8" (15.9 mm)	11/32" (8.7 mm)
HDBC42	783310112761	Heavy-Duty Bolt Cutter – 42 in (1067 mm) Long	3/4" (19.1 mm)	3/8" (9.5 mm)
<b>R</b> 11342	783310113423	Blade Unit for HDBC24	—	—
<b>R</b> 11344	783310113447	Blade Unit for HDBC30	—	—
<b>R</b> 11346	783310113461	Blade Unit for HDBC36	—	—
<b>R</b> 11348	783310113485	Blade Unit for HDBC42	—	—



BC14

## Bolt Cutters

- Unique cam bolt blade adjustment for easy cutter alignment
- Forged steel blades for long life
- Clevis-mounted blades for greater strength
- Custom rubber grips for maximum power

CAT. NO.	UPC NO.	DESCRIPTION	CAPACITY	
			RB85	RC40
BC14	783310112679	Standard Bolt Cutter – 14 in (356 mm) Long	1/4" (6.4 mm)	3/16" (4.8 mm)
BC18	783310112686	Standard Bolt Cutter – 18 in (457 mm) Long	5/16" (7.9 mm)	1/4" (6.4 mm)
BC24	783310112693	Standard Bolt Cutter – 24 in (610 mm) Long	3/8" (9.5 mm)	5/16" (7.9 mm)
BC30	783310112709	Standard Bolt Cutter – 30 in (762 mm) Long	1/2" (12.7 mm)	11/32" (8.7 mm)
BC36	783310112716	Standard Bolt Cutter – 36 in (914 mm) Long	5/8" (15.9 mm)	3/8" (9.5 mm)
 11281	783310112815	Blade Unit for BC14	–	–
 11301	783310113010	Blade Unit for BC18	–	–
 11306	783310113065	Blade Unit for BC24	–	–
 11316	783310113164	Blade Unit for BC30	–	–
 11321	783310113218	Blade Unit for BC36	–	–



36587

## Threaded Rod Cutter

- Capacity: 1/4"-20 and 3/8"-16 soft steel rod
- One stroke produces clean cut, eliminating the need to grind or file
- Wide base provides stable cutting operation
- Mounting hole allows fast and easy permanent mounting to work table
- Forged steel cutting head and tool steel cutting die for longer life
- Includes:
  - Threaded rod cutter
  - 1/4"-20 Cutting Die Set
  - 3/8"-16 Cutting Die Set

CAT. NO.	UPC NO.	DESCRIPTION
36587	783310365877	Threaded Rod Cutter
 37186	783310371861	1/4"-20 Cutting Die Set
37187	783310371878	3/8"-16 Cutting Die Set

## PVC CUTTERS



864

### PVC Cutter for up to 1-1/4"

- Cuts up to 1-1/4" schedule 40 PVC
- Ratchet action for fast, easy cutting
- Heat-treated, replaceable steel blade for long cutting life
- Rugged metal alloy frame for durability

CAT. NO.	UPC NO.	DESCRIPTION
864	783310042532	PVC Cutter for up to 1-1/4"
<b>R</b> 00355	783310003557	Blade Kit



865

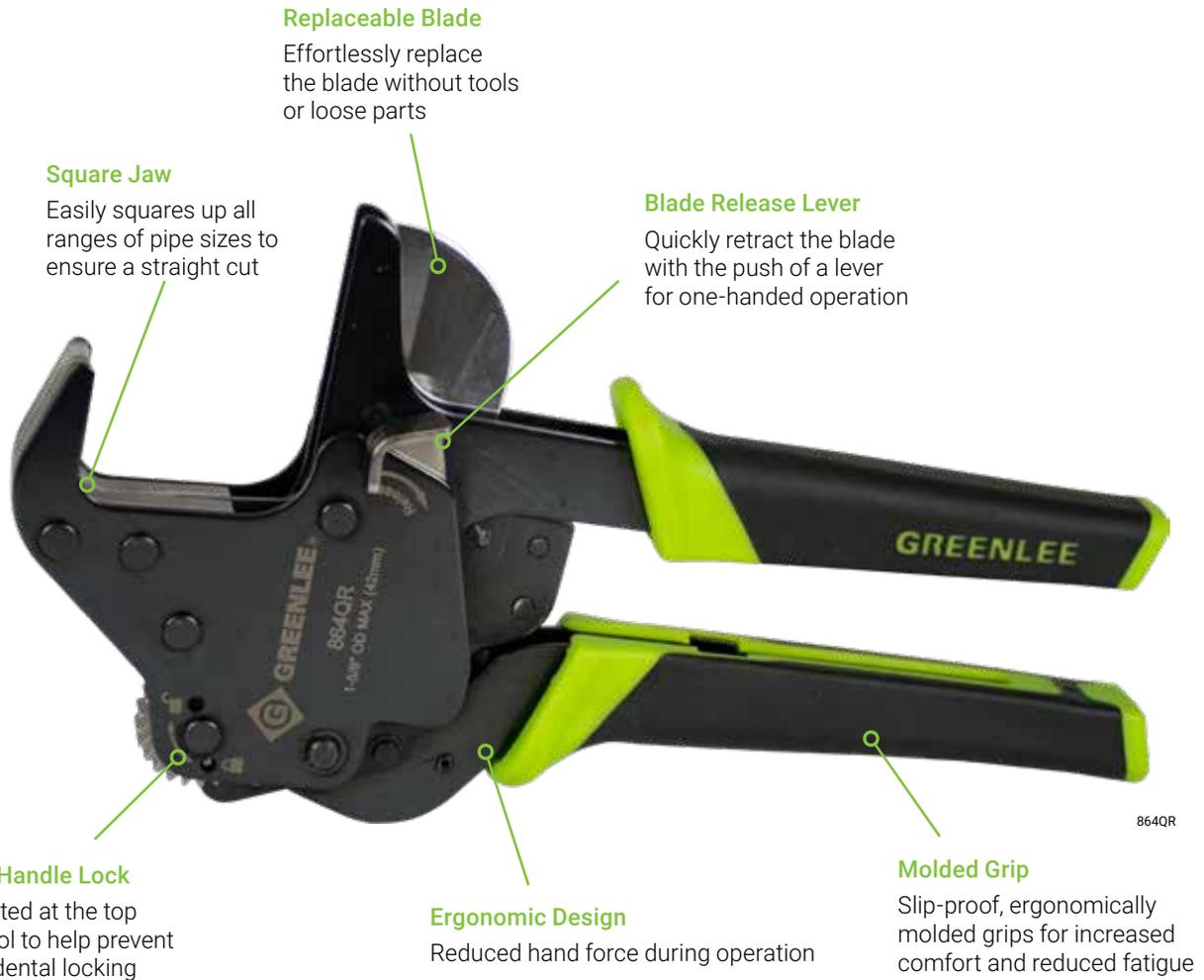
### PVC Cutter for up to 2"

- Cuts up to 2" schedule 40 PVC
- High-leverage compound ratchet action and long handles reduce effort
- Heavy-duty metal frame for cutting large diameters
- Replaceable steel blade may be sharpened

CAT. NO.	UPC NO.	DESCRIPTION
865	783310098652	PVC Cutter for up to 2"
07978	783310079781	Blade
<b>R</b> 07982	783310079828	Pressing Spring
<b>R</b> 07987	783310079873	Ratchet Spring

# PVC CUTTER

## EASIER CUTTING WITH LESS FORCE



**Replaceable Blade**

Effortlessly replace the blade without tools or loose parts

**Square Jaw**

Easily squares up all ranges of pipe sizes to ensure a straight cut

**Blade Release Lever**

Quickly retract the blade with the push of a lever for one-handed operation

**Dial Handle Lock**

Located at the top of tool to help prevent accidental locking

**Ergonomic Design**

Reduced hand force during operation

**Molded Grip**

Slip-proof, ergonomically molded grips for increased comfort and reduced fatigue

CAT. NO.	UPC NO.	DESCRIPTION
 864QR	783310080428	PVC Cutter
 864QRBL	783310079798	Blade Replacement (864QR)

**SPECIFICATIONS**

<b>Cutting Capacity:</b>	1-5/8" O.D. PVC
<b>Length:</b>	9"
<b>Width:</b>	5"
<b>Weight:</b>	1.35 lb (0.61 kg)



**GREENLEE**  
864QR  
1-5/8" OD MAX (42mm)

**GREENLEE**

# HAND SAWS



## SPECIFICATIONS

Capacity	12" (304.8 mm) Blade
Weight	1.4 lb (0.7 kg)

## 12" HACK SAW

CAT NO.	UPC NO.	DESCRIPTION
333A	783310236351	12" (305 mm) Heavy-Duty Hack Saw

## REPLACEMENT HACK SAW BLADES

CAT NO.	UPC NO.	DESCRIPTION	QTY. PER PK.
333-1218	783310100379	12" (305 mm) Bi-metal Blade, 18 Teeth Per Inch	5
333-1224	783310100386	12" (305 mm) Bi-metal Blade, 24 Teeth Per Inch	5
333-1232	783310100393	12" (305 mm) Bi-metal Blade, 32 Teeth Per Inch	5

## CUTTING



### Keyhole / Jab Saw

- Integrated blade and handle design provides maximum strength
- Ergonomic handle with non-slip grip
- Hardened steel blade with clog-free teeth
- Pointed tip easily punches through drywall for plunge cuts
- Blade cuts on both push and pull strokes
- Hole in handle may be used for lanyard or convenient storage

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT
301A	783310236412	6" Keyhole Saw	.27 lb



### Retractable Saw Set

- Cuts drywall, wood, conduit, metal, PVC and plastics
- 6" blade retracts into the handle for convenience and safety
- Accepts most 6" (or shorter) standard reciprocating saw blades and jab saw blades
- Ergonomically designed handle allows force to be applied both on the push and pull stroke
- Built-in blade storage area can hold 2 additional blades
- Adjustable blade can be used at any length or the 3 hard stops can be used for aggressive sawing
- Jab blade and a bi-metal blade included

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT
311	783310131106	Retractable Saw Set	.35 lb
<b>R</b> 311-JAB	783310719458	Jab Blades	—



### PVC Saws

- "V" tooth design enables straight cuts on both push and pull saw strokes
- Sharpenable blade
- Pointed blade nose makes drywall surface penetration easy
- Ergonomic handle is interchangeable with most popular PVC saw brands

CAT. NO.	UPC NO.	DESCRIPTION	BLADE LENGTH
322-013	783310001133	PVC Saw	13" (330 mm)

**NOTE:** See pages 29 – 30 for additional cutting tools.

B-Line is a registered trademark of Cooper Technologies Company



# BENDING

Save money with every bend using Greenlee benders. Trust Greenlee as the industry standard for bending stubs, offsets, saddles, U-bends in EMT, IMC, Rigid and PVC coated conduit.

## CONTENTS

Electric Benders .....	153
Accessory Shoe Groups .....	158
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PVC Accessories .....	183
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# BENDING- SELECTION GUIDE

<b>RIGID</b>	<b>PG. NO.</b>	<b>1/2"</b>	<b>3/4"</b>	<b>1"</b>	<b>1-1/4"</b>	<b>1-1/2"</b>	<b>2"</b>	<b>2-1/2"</b>	<b>3"</b>	<b>3-1/2"</b>	<b>4"</b>	<b>5"</b>	<b>6"</b>
Electric Benders	153												
Hydraulic Benders	161												
Hand Benders	176												
Mechanical Benders	178												

<b>EMT</b>	<b>PG. NO.</b>	<b>1/2"</b>	<b>3/4"</b>	<b>1"</b>	<b>1-1/4"</b>	<b>1-1/2"</b>	<b>2"</b>	<b>2-1/2"</b>	<b>3"</b>	<b>3-1/2"</b>	<b>4"</b>	<b>5"</b>	<b>6"</b>
Electric Benders	153												
Hydraulic Benders	161												
Hand Benders	176												
Mechanical Benders	178												

<b>IMC</b>	<b>PG. NO.</b>	<b>1/2"</b>	<b>3/4"</b>	<b>1"</b>	<b>1-1/4"</b>	<b>1-1/2"</b>	<b>2"</b>	<b>2-1/2"</b>	<b>3"</b>	<b>3-1/2"</b>	<b>4"</b>	<b>5"</b>	<b>6"</b>
Electric Benders	153												
Hydraulic Benders	161												
Hand Benders	176												
Mechanical Benders	178												

<b>PVC COATED RIGID</b>	<b>PG. NO.</b>	<b>1/2"</b>	<b>3/4"</b>	<b>1"</b>	<b>1-1/4"</b>	<b>1-1/2"</b>	<b>2"</b>	<b>2-1/2"</b>	<b>3"</b>	<b>3-1/2"</b>	<b>4"</b>	<b>5"</b>	<b>6"</b>
Electric Benders	153												
Hydraulic Benders	161												

<b>PVC CONDUIT</b>	<b>PG. NO.</b>	<b>1/2"</b>	<b>3/4"</b>	<b>1"</b>	<b>1-1/4"</b>	<b>1-1/2"</b>	<b>2"</b>	<b>2-1/2"</b>	<b>3"</b>	<b>3-1/2"</b>	<b>4"</b>	<b>5"</b>	<b>6"</b>
PVC Heaters & Blankets	180												

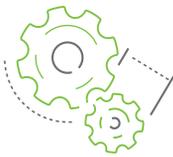
\*1818, 1818R, 555C, 555CX, 555DX can also bend Stainless Steel Rigid conduit in the same size conduit ranges as steel Rigid conduit using the Rigid shoe group.  
 \*For Stainless Steel EMT conduit bending 855GX can bend 1"-2"; 555C, 555CX, 555DX can bend 1/2", 3/4" & 1-1/2"; and 1818 & 1818T can bend 3/4" & 1" with respective EMT shoe groups.

# BENDWORKS®

IT JUST KEEPS GETTING EASIER.

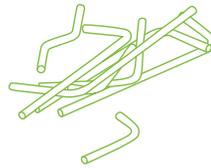
UP TO  
**40%**

**Improved Fabrication  
Productivity**



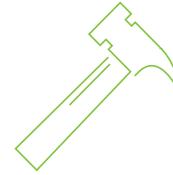
UP TO  
**35%**

**Reduction in Scrap**



UP TO  
**80%**

**Less Rework**



## Benefits Include:

### Error Checking

Verifies design against conduit bending rules and the Greenlee bender-specific parameters

### Material Optimization

Optimizes conduit runs for fewest cuts and segments

### Waste Reduction

Reduces the conduit bone pile and workflow inefficiencies

### Bill of Material Accuracy

Provides output files of required conduit length and removes guesswork from conduit bill of material

### Quality Control and Assurance

Retains run information automatically during changes

Details output of conduit segments with unique identification for traceability on the jobsite

### Automated Calculations for Bending Operator

Greenlee bender-specific output files provide bending instructions and reduce operator error

### Fully Integrated with Autodesk® Revit® and Revit® MEP

Supports collaboration between multiple design users, and allowing for compatibility back and forth between Autodesk® Revit® and BendWorks™



## BendWorks® FREE 30-DAY TRIAL

Download your free trial at Autodesk® App Store  
[apps.exchange.autodesk.com](https://apps.exchange.autodesk.com)

For more information, view BendWorks® videos at:  
[BendingRevolution.com](https://BendingRevolution.com)



## ELECTRIC BENDERS – SELECTION GUIDE



MODEL	855GX	854DX	555°CX	555°C
Weight	532 lb	550 lb	300 lb (Bender Only)	260 lb (Bender Only)
# Of Shoes Needed To Bend Rigid/IMC/EMT	ALL-IN-1	ALL-IN-1	2	2
UL Listed	X	X	X	X
1/2" – 2" Capacity	3/4" - 2" Rigid 1"-2" IMC/EMT	X	X	X
Horizontal Orientation	X	X	X *may lay on backside	X *may lay on backside
Vertical Orientation	X	X	X	X
Solid State Electronics	X	X	X	-
Improved Frame Rigidity	X	X	X	-
Digital Readout	X	X	-	-
Digital Angle Selection	X	X	-	-
Auto Spring Back Adjustment	X	-	-	-
Auto Conduit Selection	X	-	-	-
USB Port	X	-	-	-
Complete Programmability	X	-	-	-
Accessory - Shotgun Shoe	-	X	X	X
Accessory - PVC Coated Shoe	X	X	X	X
Compatible with Bendworks® TXT File	X	X	X	X
Compatible with Bendworks® CSV File	X	-	-	-

# 855GX INTELLIBENDER®

## GREENLEE'S MOST ADVANCED PROGRAMMABLE BENDER

### Capacity

1 shoe bends 3/4" to 2" Rigid,  
1" to 2" EMI/IMC

### Simple

Ready to bend in 2 steps:  
orient shoes and select  
angle to bend

### Accurate

Absolute encoder stops bending  
at exact angles, no guesswork  
involved. Digital pendant sets  
angle and monitors process

### Reliable

Solid state electronics decreases  
down time, rated for 1,000,000+ bends



855GX

### Productive

4X faster setup<sup>1</sup>



### 855GX BENDING RADII

Conduit Size	Conduit Type	Inches	mm
1"	EMT	7	177.8
1-1/4"	EMT	8-13/16	223.8
1-1/2"	EMT	8-3/8	212.7
2"	EMT	9-1/4	235.0
3/4"	Rigid <sup>4</sup>	6-13/16	173.0
1"	IMC/Rigid	6-15/16	176.2
1-1/4"	IMC/Rigid	8-3/16	208.0
1-1/2"	IMC/Rigid	8-1/4	209.6
2"	IMC/Rigid	9	228.6
1/2"	PVC Coated	4-1/2	108.0
3/4"	PVC Coated	5-7/16	138.1
1"	PVC Coated	6-15/16	176.2
1-1/4"	PVC Coated	8-3/4	222.3
1-1/2"	PVC Coated	8-1/4	209.6
2"	PVC Coated	9	228.6

### SPECIFICATIONS

Capacity	3/4" – 2" Rigid 1" – 2" EMT/IMC 1/2" – 2" PVC Coated
Power Source	120 VAC, 20 AMP GFCI-Protected Receptacle
Weight	532 lb (214 kg)

CAT. NO.	UPC NO.	DESCRIPTION
855GX	783310125792	Bender, Electric Conduit – Programmable (120 VAC, 20A)
A 12582	783310125822	Shoe Group, 1/2" – 2" PVC Coated Rigid (855GX)

<sup>1</sup>Speed claims based on timed 4-bend saddle comparisons between the 855GX and similar benders. Using 1" IMC/Rigid groove to bend 3/4" Rigid

# 854DX

## ELECTRIC BENDER

**Capacity**

1 shoe bends 1/2" to 2" EMT, IMC, and Rigid conduit

**Accurate**

Absolute encoder stops bending at exact angles, no guesswork involved. Digital pendant sets angle and monitors process

**Easy to Use**

Digital pendant sets angles and monitors progress

**Reliable**

Solid state electronics decreases down time, rated for 1,000,000+ bends

**Versatile**

Simple switching between vertical and horizontal bending configurations



**854DX BENDING RADII**

Conduit Size	Conduit Type	Inches	mm
1/2"	EMT	4-5/16	109.5
3/4"	EMT	5-1/2	139.7
1"	EMT	7	177.8
1-1/4"	EMT	8-1/4	209.6
1-1/2"	EMT	8-3/8	212.7
2"	EMT	9-1/4	235.0
1/2"	IMC/Rigid	4-1/4	108.0
3/4"	IMC/Rigid	5-7/16	138.1
1"	IMC/Rigid	6-15/16	176.2
1-1/4"	IMC/Rigid	8-3/16	208.0
1-1/2"	IMC/Rigid	8-1/4	209.6
2"	IMC/Rigid	9	228.6
1/2"	PVC Coated	4-1/4	108.0
3/4"	PVC Coated	5-7/16	138.1
1"	PVC Coated	6-15/16	176.2
1-1/4"	PVC Coated	8-3/4	222.3
1-1/2"	PVC Coated	8-1/4	209.6
2"	PVC Coated	9	228.6

**SPECIFICATIONS**

Capacity	1/2" – 2" Rigid / EMT / IMC / PVC Coated
Power Source	120 VAC, 20 AMP GFCI
Weight	550 lb (250 kg)

CAT. NO.	UPC NO.	DESCRIPTION
854DX	783310026709	854DX Electric Bender
A 02840	783310028406	Shoe Group, PVC Rigid 1/2" – 2" (854DX)
A SG4-854	783310040347	Shotgun Shoe for 854DX

# 555® CLASSIC

## ELECTRIC BENDER

### Reliable

Greenlee's classic "triple-nickel" electric bender features simple relay controls for easy field repairs

### Capacity

Bend 1/2" to 2" Rigid/IMC/EMT on 2 shoes

### Mobility

Lightweight, compact design for easy jobsite portability



555C



### 555C BENDING RADII

Conduit Size	Conduit Type	Inches	mm
1/2"	EMT	4-5/16	109.5
3/4"	EMT	5-1/2	139.7
1"	EMT	7	177.8
1-1/4"	EMT	8-13/16	223.8
1-1/2"	EMT	8-3/8	212.7
2"	EMT	9-1/4	235.0
1/2"	IMC/Rigid	4-1/4	108.0
3/4"	IMC/Rigid	5-7/16	138.1
1"	IMC/Rigid	6-15/16	176.2
1-1/4"	IMC/Rigid	8-3/4	222.3
1-1/2"	IMC/Rigid	8-1/4	209.6
2"	IMC/Rigid	9	228.6
1/2"	PVC Coated	4-1/4	108.0
3/4"	PVC Coated	5-7/16	138.1
1"	PVC Coated	6-15/16	176.2
1-1/4"	PVC Coated	8-3/4	222.3
1-1/2"	PVC Coated	8-1/4	209.6
2"	PVC Coated	9	228.6

### SPECIFICATIONS

Capacity	1/2" – 2" Rigid / EMT / IMC / PVC Coated
Power Source	120 VAC, 20 AMP GFCI
Weight	260 lb (Bender Only)

CAT. NO.	UPC NO.	DESCRIPTION
<b>B</b> 555C	783310069003	Classic Electric Bender power unit without bending accessories
555RSC	783310016328	Classic Electric Bender, with 28008 1/2" – 2" Rigid Shoe Group
555ESC	783310016335	Classic Electric Bender, with 23803 1/2" – 2" EMT Shoe Group
<b>A</b> 28008	783310013198	Rigid/IMC Shoe Group, 1/2" to 2" (555 Series)
<b>A</b> 12586	783310013211	40 ml PVC Coated Rigid Shoe Group, 1/2" to 2" (555 Series)
<b>A</b> 23803	783310013228	EMT Shoe Group, 1/2" to 2" (555C)
<b>A</b> 01323	783310013235	1/2" to 2" IMC Roller Support (555C)
<b>A</b> SG4	783310024194	Shotgun Shoe

## 555<sup>®</sup>CX ELECTRIC BENDER

### Capacity

Bend 1/2" to 2" Rigid/IMC/EMT on 2 shoes



### Productive

Decrease down time with solid state electronics

### Reliable

555<sup>®</sup>CX Is a completely re-engineered 555<sup>®</sup>C with a more rugged exterior



### 555CX BENDING RADII

Conduit Size	Conduit Type	Inches	mm
1/2"	EMT	4-5/16	109.5
3/4"	EMT	5-1/2	139.7
1"	EMT	7	177.8
1-1/4"	EMT	8-13/16	223.8
1-1/2"	EMT	8-3/8	212.7
2"	EMT	9-1/4	235.0
1/2"	IMC/Rigid	4-1/4	108.0
3/4"	IMC/Rigid	5-7/16	138.1
1"	IMC/Rigid	6-15/16	176.2
1-1/4"	IMC/Rigid	8-3/4	222.3
1-1/2"	IMC/Rigid	8-1/4	209.6
2"	IMC/Rigid	9	228.6
1/2"	PVC Coated	4-1/4	108.0
3/4"	PVC Coated	5-7/16	138.1
1"	PVC Coated	6-15/16	176.2
1-1/4"	PVC Coated	8-3/4	222.3
1-1/2"	PVC Coated	8-1/4	209.6
2"	PVC Coated	9	228.6

### SPECIFICATIONS

Capacity	1/2" – 2" Rigid / EMT / IMC / PVC Coated
Power Source	120 VAC, 20 AMP GFCI
Weight	300 lb (Bender Only)

CAT. NO.	UPC NO.	DESCRIPTION
<b>B</b> 555CX	783310124252	Electric Bender, Standard Pendant (120 VAC, 20A)
555CXES	783310016359	Electric Bender, with 13934 1/2" – 2" EMT Shoe Group (120 VAC, 20A)
555CXRS	783310016342	Electric Bender, with 28008 1/2" – 2" Rigid Shoe Group (120 VAC, 20A)
555CX-22	783310027874	Electric Bender, Standard Pendant (220 VAC, 20A)
555CXES-22	783310028635	Electric Bender, with 13934 1/2" – 2" EMT Shoe Group (220 VAC, 20A)
555CXRS-22	783310028628	Electric Bender, with 28008 1/2" – 2" Rigid Shoe Group (220 VAC, 20A)
<b>A</b> 28008	783310013198	Rigid/IMC Shoe Group, 1/2" to 2" (555 Series)
<b>A</b> 13856	783310138563	1-1/2" and 2" IMC Squeeze Roller (555CX/DX) (use with 28008 shoe group)
<b>A</b> 13934	783310013204	EMT Shoe Group, 1/2" to 2" (555CX/DX)
<b>A</b> 12586	783310013211	40 ml PVC Coated Rigid Shoe Group, 1/2" to 2" (555 Series)
<b>A</b> SG4	783310024194	Shotgun Shoe

# ACCESSORY SHOE GROUPS

- Bend 1/2" to 2" on one shoe\*
- No loose pieces
- One time setup
- Less lifting reduces operator fatigue
- Works with Greenlee® 555CX, 555DX and 555C electric conduit benders

## 555 SHOE GROUPS

CAT. NO.	UPC NO.	DESCRIPTION	ELECTRIC BENDER COMPATIBILITY	
			555C	555CX/555DX
<b>A</b> 28008	783310013198	Rigid Shoe Group <sup>1</sup> , 1/2" to 2"	X	X
<b>A</b> 12586	783310013211	PVC-Coated Shoe Group, 1/2" to 2"	X	X
<b>A</b> 13934	783310013204	EMT Shoe Group, 1/2" to 2"	-	X
<b>A</b> 23803	783310013228	EMT Shoe Group, 1/2" to 2"	X	-
<b>A</b> 01323	783310013235	IMC Roller Support, 1-1/2" to 2"	X	-
<b>A</b> 13856	783310138563	IMC Squeeze Roller 1-1/2" - 2"	-	X

The IMC squeeze roller is required when bending IMC for the 555CX/DX  
 \*Separate shoes for different conduit types required (Rigid/IMC, EMT, and PVC-Coated)



## 1/2" – 2" 40 MIL PVC-Coated Rigid Shoe Group

KEY	CAT. NO.	UPC NO.	DESCRIPTION
<b>A</b>	12586	783310013211	Shoe Group, 1/2" to 2" PVC Coated Rigid (555 Series)
<b>R</b>	A	02553	1/2" to 2" Bending Shoe
<b>R</b>	B	02554	1/2" to 2" Roller Support
	1723	783310238188	Metal Storage Box
	12582	783310125822	Shoe Group, 1/2" – 2" PVC Coated Rigid (855GX)
	02840	783310028406	Shoe Group, 1/2" – 2" PVC Coated Rigid (854DX)



## 1/2" – 2" Rigid/IMC Shoe Group

KEY	CAT. NO.	UPC NO.	DESCRIPTION
<b>A</b>	28008	783310013198	Rigid/IMC Shoe Group, 1/2" to 2"
<b>R</b>	A	02548	1/2" to 2" Bending Shoe
<b>R</b>	B	02549	1/2" to 2" Roller Support
	1723	783310238188	Metal Storage Box

CAT. NO.	UPC NO.	DESCRIPTION
<b>A</b> 01323	783310013235	1/2" to 2" IMC Roller Support (555C)
<b>A</b> 13856	783310138563	1-1/2" and 2" IMC Squeeze Roller (555CX/DX)

The IMC Roller Support is required to bend IMC on the 555C Bender.  
 The IMC Squeeze Roller is required to bend IMC on 555CX/DX Benders.

## 1/2" – 2" EMT Shoe Groups



KEY	CAT. NO.	UPC NO.	DESCRIPTION
<b>A</b>	13934	783310013204	EMT Shoe Group, 1/2" to 2" (555CX/DX)
<b>R</b>	A	02543	1/2" to 2" Bending Shoe
<b>R</b>	B	02567	1/2" to 2" Roller Support
<b>R</b>	C	13857	1-1/2" and 2" EMT Squeeze Roller
	1723	783310238188	Metal Storage Box



KEY	CAT. NO.	UPC NO.	DESCRIPTION
<b>A</b>	23803	783310013228	EMT Shoe Group, 1/2" to 2" (555C)
<b>R</b>	A	02543	1/2" to 2" Bending Shoe
<b>R</b>	B	02544	1/2" to 2" Roller Support
	1723	783310238188	Metal Storage Box

## Shotgun Shoe for 555® Benders

- Works with Greenlee 555 Series electric benders
- Adjust length indicator to set different heights for stubs and kicks
- Up to 2X faster bend cycle time – Pays for itself in less than 1 year\*



Unique Nested Groove Design



### SHOTGUN SHOE BENDING RADII

Conduit Size	Conduit Type	Inches	mm
3/4"	EMT	5	127.0
1"	EMT	6-1/4	158.8
1/2"	IMC/Rigid	5	127.0
3/4"	IMC/Rigid	6-1/4	158.8
1"	IMC/Rigid	5-3/4	146.0

KEY	CAT. NO.	UPC NO.	DESCRIPTION
<b>A</b>	SG4	783310024194	Shotgun Shoe for 555 Series
	A	02466	Bending Shoe
	B	02467	Roller Support Unit
	C	02465	Hook Assembly
	D	02582	Length Indicator (includes long & short clamp)
	1723	783310238188	Metal Storage Box

\* Based on an estimated labor rate (\$100/hr) and conduit usage

## Shotgun Shoe for 854DX Benders

- Works with Greenlee's 854DX Electric Bender
- Adjust length indicator to set different heights for stubs and kicks
- Up to 2X faster bend cycle time – pays for itself in less than 1 year\*



04030  
Adapter Kit

### SHOTGUN SHOE BENDING RADII

Conduit Size	Conduit Type	Inches	mm
3/4"	EMT	5	127.0
1"	EMT	6-1/4	158.8
1/2"	IMC/Rigid	5	127.0
3/4"	IMC/Rigid	6-1/4	158.8
1"	IMC/Rigid	5-3/4	146.0

KEY	CAT. NO.	UPC NO.	DESCRIPTION	
<b>A</b>	SG4-854	783310040347	Shotgun Shoe for 854DX	
<b>R</b>	A	04027	783310040279	Bending Shoe
<b>R</b>	B	04028	783310040286	Roller Support Unit
<b>R</b>	C	02465	783310024651	Hook Assembly
<b>R</b>	D	04029	783310040293	Length Indicator (Includes long & short clamp)
	1723	783310238188	783310238188	Metal Storage Box
	04030	783310040309	783310040309	Adapter Kit (Includes Roller Support, Length Indicator, and mounting hardware)

\* Based on an estimated labor rate (\$100/hr) and conduit usage

## HYDRAULIC BENDERS



### Cam-Track® Conduit Benders for 2-1/2" to 4" EMT, IMC and Rigid

- One bender to bend EMT, IMC and Rigid Conduit
- Fast and easy setup on the job site
- True One-Shot 90° bends with CT models for quick accurate bends.
- Steel reinforced follow bars for long life
- Bend a 90° elbow in 4" Rigid conduit in 95 seconds

#### SPECIFICATIONS

Capacity	2-1/2" – 4" EMT, IMC and Rigid
Power Source	980: 120 VAC Electric Powered Hydraulic Pump 980-22PS: 220 VAC 50/60 Cycle Electric Powered Hydraulic Pump
Weight	881MBT: 300 lb (136 kg) 881CTE980: 1026 lb (465 kg) 881CTDE980: 999 lb (454 kg)

**NOTE:** See next page for parts associated with the Cam Track®

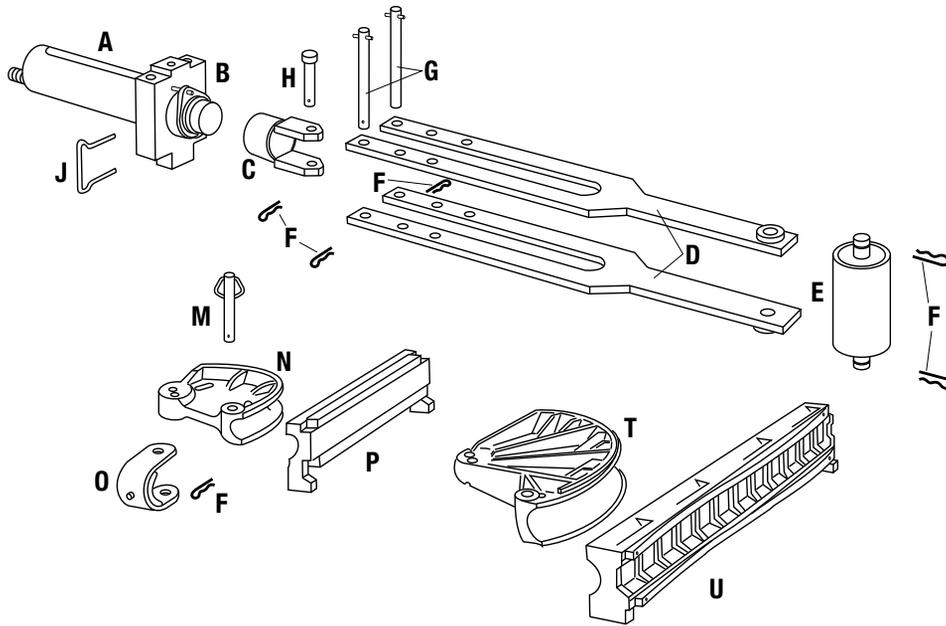
#### 881CT, 881CTD, 881BASIC

Size	Center Line Radius	Shoe Group	Degree of Bend
2-1/2"	13-1/2" (342.9 mm)	27554	90
3"	16" (406.4 mm)	27555	90
3-1/2"	18-5/8" (473.1 mm)	31281	90
4"	20-7/8" (530.2 mm)	31274	90



CAT. NO.	UPC NO.	DESCRIPTION
881CT	783310312871	Cam Track Conduit Bender for One-Shot 90° Bends in 2-1/2", 3", 3-1/2" and 4" EMT, IMC and Rigid conduit, without hydraulic pump
881CTE980	783310342083	Cam Track Conduit Bender for One-Shot 90° Bends in 2-1/2", 3", 3-1/2" and 4" EMT, IMC and Rigid conduit, with 980 Electric Hydraulic Pump
<b>N</b> 881CTE980-MBT	783310043577	Cam Track Conduit Bender for One-Shot 90° Bends in 2-1/2", 3", 3-1/2" and 4" EMT, IMC and Rigid conduit, with 980 Electric Hydraulic Pump with Mobile bending table
881CTD	783310384663	Cam Track Conduit Bender for One-Shot 90° Bends in 2-1/2", 3" and 4" EMT, IMC and Rigid conduit, without hydraulic pump & 3-1/2" shoe group
881CTDE980	783310384670	Cam Track Conduit Bender for One-Shot 90° Bends in 2-1/2", 3" and 4" EMT, IMC and Rigid conduit, with 980 Electric Hydraulic Pump, without 3-1/2" shoe group
<b>A</b> 27554	783310275541	2-1/2" – One-Shot 90° EMT, IMC, Rigid Shoe Group
<b>A</b> 27555	783310275558	3" – One-Shot 90° EMT, IMC, Rigid Shoe Group
<b>A</b> 31281	783310312819	3-1/2" – One-Shot 90° EMT, IMC, Rigid Shoe Group
<b>A</b> 31274	783310312741	4" – One-Shot 90° EMT, IMC, Rigid Shoe Group

## Cam-Track® Benders and Shoe Groups



KEY	CAT. NO.	UPC NO.	DESCRIPTION	BENDERS		SHOE GROUPS			
				881CT	881CTD	27554	27555	31281	31274
A	27416	783310274162	40-Ton Hydraulic Ram with 4018GB female quick coupler. The ram includes Keys B, G, and two clips from Key F	1	1	-	-	-	-
B	27417	783310274179	Cylinder Block	1	1	-	-	-	-
C	30309	783310303091	Yoke	1	1	-	-	-	-
D	26309	783310263098	Connecting Bar Unit	2	2	-	-	-	-
E	27364	783310273646	Roller Unit	1	1	-	-	-	-
F	2725AA	783310503026	Hitch Pin Clips (10 pack)	6	6	-	-	-	-
G	27381	783310273813	Cylinder Block Pin Unit	2	2	-	-	-	-
H	26306	783310263067	Yoke Pin	1	1	-	-	-	-
J	26349	783310263494	Spring Clip (secures Yoke Unit to Ram)	1	1	-	-	-	-
	11289	783310112891	3/8" x 6' (9.5 x 1829 mm) Hydraulic Hose with two 4033GB male quick couplers (not shown)	1	1	-	-	-	-
M	26624	783310266242	Saddle Pin Unit – includes 1 clip from Key F	1	1	-	-	-	-
N	26297	783310262978	2-1/2" Shoe 90°	1	1	1	-	-	-
P	26366	783310263661	2-1/2" Follow Bar 90°	1	1	1	-	-	-
O	26580	783310265801	2-1/2" Saddle	1	1	1	-	-	-
N	26300	783310263005	3" Shoe 90°	1	1	-	1	-	-
P	35400	783310354000	3" Follow Bar 90°	1	1	-	1	-	-
O	26584	783310265849	3" Saddle	1	1	-	1	-	-
O	26588	783310265887	3-1/2" Saddle	1	-	-	-	1	-
T	31882	783310318828	3-1/2" Shoe 90°	1	-	-	-	1	-
U	31881	783310318811	3-1/2" Follow Bar 90°	1	-	-	-	1	-
O	26594	783310265948	4" Saddle	1	1	-	-	-	1
T	31884	783310318842	4" Shoe 90°	1	1	-	-	-	1
U	31883	783310318835	4" Follow Bar 90°	1	1	-	-	-	1
	2460	783310233633	Steel Storage Box (not shown)	1	1	-	-	-	-
	696	783310153412	Caster Set (not shown)	1	1	-	-	-	-

# 881-MBT

## MOBILE BENDING TABLE & CAM-TRACK® CONDUIT BENDERS

### Ergonomic

Conduit bending at waist height for operator comfort  
 On-board storage minimizes repetitive lifting of bender components helping reduce back strain and fatigue

### Storage

All components pin to the table, reducing component loss allowing convenient transport from site to site



### Mobility

Save one hour with every move  
 Fits through standard height doors 36" wide

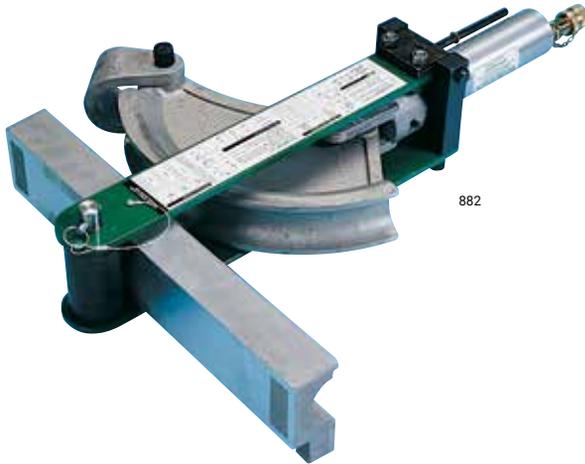
### SPECIFICATIONS

Weight	300 lb (136 kg)
Weight Of Table With	All Components – 1326 lb (601.5 kg)
Length Of Table	67" (1.7 m)
Overall Height	With Pump – 41" (1.04 m) Without Pump – 35" (0.89 m)
Overall Width	31 1/2" (0.8 m)

CAT. NO.	UPC NO.	DESCRIPTION
881-MBT	783310009030	Mobile Bending Table

## Flip-Top® Benders for 1-1/4" - 2" EMT, IMC and Rigid

- Choose 882 for EMT or 882CB models for EMT, IMC and Rigid Conduit
- Simple, accurate and easy to use
- Flip-Top hinged frame top plate opens for easy, fast loading and unloading
- Ram travel scale and charts for accurate bends, offsets and saddles



### FLIP-TOP® BENDER CENTERLINE BENDING RADII

#### 882, 882CB, 882CB

Size	EMT	Rigid	IMC
1-1/4"	7-7/32" (183.4 mm)	7-1/4" (184.2 mm)	7-1/4" (184.2 mm)
1-1/2"	8-1/16" (204.8 mm)	8-1/4" (209.5 mm)	8-1/4" (209.5 mm)
2"	9-5/16" (236.5 mm)	8-7/8" (225.4 mm)	8-7/8" (225.4 mm)

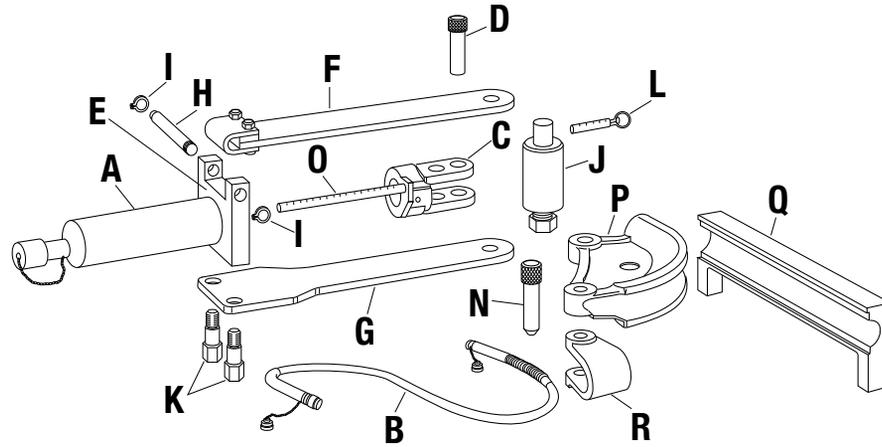
### SPECIFICATIONS

<b>Capacity</b>	882: 1-1/4", 1-1/2" and 2" EMT 882CB: 1-1/4", 1-1/2" and 2" EMT, IMC and Rigid
<b>Power Source</b>	755: Hydraulic Hand Pump 975: 120 VAC Electric Hydraulic Pump 976: 22PS- 220 VAC 50/60 Cycle Electric Hydraulic Pump
<b>Weight</b>	882: 141 lb (64 kg) 882H755: 161 lb (73 kg) 882CBH755: 217 lb (99 kg) 882CBE975: 264 lb (120 kg) 882E975: 195 lb (89 kg) 882CB: 205 lb (93 kg)

CAT. NO.	UPC NO.	DESCRIPTION
882	783310151289	Flip-Top Bender for 1-1/4", 1-1/2" and 2" EMT Conduit without hydraulic pump
882CB	783310295365	Flip-Top Bender with shoes for 1-1/4", 1-1/2" and 2" EMT, IMC and Rigid Conduit without hydraulic pump
882CBH755	783310295372	Flip-Top Bender with shoes for 1-1/4", 1-1/2" and 2" EMT, IMC and Rigid Conduit with 755 Hand Hydraulic Pump
882CBE975	783310342021	Flip-Top Bender with shoes for 1-1/4", 1-1/2" and 2" EMT, IMC and Rigid Conduit with 975 Electric Hydraulic Pump
882H755	783310164609	Flip-Top Bender for 1-1/4", 1-1/2" and 2" EMT Conduit with 755 Hand Hydraulic Pump
882E975	783310342014	Flip-Top Bender for 1-1/4", 1-1/2" and 2" EMT Conduit with 975 Electric Hydraulic Pump
 882RIG1	783310299486	Conversion Attachment Set – Converts 882 to 882CB by adding the shoes, follow bars and saddles for 1-1/4", 1-1/2" and 2" IMC and Rigid Conduit

**NOTE:** See next page for parts associated with the Flip-Top® Benders

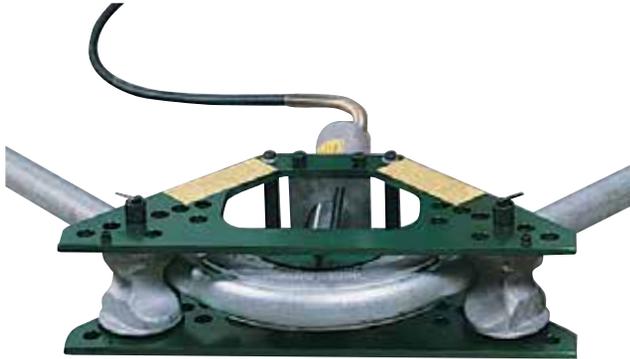
## Flip-Top® Benders and Shoe Groups



KEY	CAT. NO.	UPC NO.	DESCRIPTION	BENDERS		SHOE GROUP
				882	882CB	882RIG1
A	1738	783310151296	12-Ton Hydraulic Ram with 4018GB female quick Coupler	1	1	-
B	11289	783310112891	3/8" x 6' (9.5 x 1829 mm) Hydraulic Hose with two 4033GB male quick couplers	1	1	-
C	15145	783310151456	Yoke	1	1	-
D	794AV	783310040866	Yoke Pin	1	1	-
E	16563	783310165637	Frame Unit (includes F thru K)	1	1	-
F	15136	783310151364	Upper Connecting Plate Unit	1	1	-
G	15135	783310151357	Lower Connecting Plate Unit	1	1	-
H	15150	783310151500	Hinge Pin	1	1	-
I	50283	783310502838	Retaining Ring	2	2	-
J	38778	783310387787	Roller Unit with pin (L)	1	1	-
K	15147	783310151470	Anchor Stud	2	2	-
L	54303G	783310543039	Hitch Pin, 3/8 x 1-1/2	1	1	1
N	29466G	783310299370	Saddle Pin	1	-	-
O	4090GB	783310508489	Scale Jam Nut	-	-	-
O	52867	783310528678	Scale O-Ring	-	-	-
O	21954	783310219545	Scale Piston	1	1	-
	1531	783310232742	Steel Storage Box (not shown)	1	1	-
P	11146	783310111467	1-1/4" EMT Shoe	1	1	-
Q	11126	783310111269	1-1/4" EMT Follow Bar	1	1	-
R	11075	783310110750	1-1/4" EMT Saddle	1	1	-
P	14287	783310142874	1-1/2" EMT Shoe	1	1	-
Q	11107	783310111078	1-1/2" EMT Follow Bar	1	1	-
R	11072	783310110729	1-1/2" EMT Saddle	1	1	-
P	11132	783310111320	2" EMT Shoe	1	1	-
Q	11089	783310110897	2" EMT Follow Bar	1	1	-
R	14279	783310142799	2" EMT Saddle	1	1	-
P	29474	783310294740	1-1/4" IMC and Rigid Shoe	-	1	1
Q	29477	783310294771	1-1/4" IMC and Rigid Follow Bar	-	1	1
R	29465	783310294658	1-1/4" IMC and Rigid Saddle	-	1	1
P	29470	783310294702	1-1/2" IMC and Rigid Shoe	-	1	1
Q	29472	783310294726	1-1/2" IMC and Rigid Follow Bar	-	1	1
R	29464	783310294641	1-1/2" IMC and Rigid Saddle	-	1	1
P	29466G	783310294665	2" IMC and Rigid Shoe	-	1	1
Q	29468G	783310294689	2" IMC and Rigid Follow Bar	-	1	1
R	29463G	783310294634	2" IMC and Rigid Saddle	-	1	1

## Rigid Conduit Bender for 1-1/4" – 2" One-Shot 90°s and 2-1/2" – 4" Segment Bending

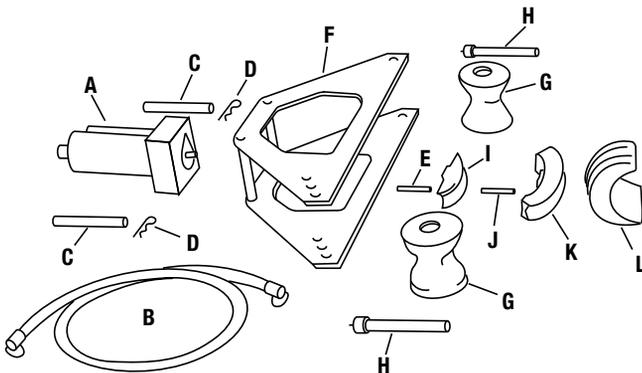
- Strong, portable pin-assembled aluminum components
- Easy-to-use ram travel scale and bending charts
- Conduit supports index to suit all sizes



777

### SPECIFICATIONS

<b>Capacity</b>	1-1/4" – 4" Rigid Conduit
<b>Power Source</b>	755: Hydraulic Hand Pump 975: 120 VAC Electric Hydraulic Pump 980: 120 VAC Electric Hydraulic Pump
<b>Weight</b>	777: 164 lb (75 kg) 777HC755: 145 lb (79 kg) 777E975: 176 lb (231 kg)



KEY	CAT. NO.	UPC NO.	DESCRIPTION	777
A	1736	783310132516	27-Ton Hydraulic Ram with 4018GB female quick coupler, includes Keys C thru E	1
B	11289	783310112891	3/8" x 6' (9.5 x 1829 mm) Hose with two 4033GB male quick couplers	1
C	13252	783310132523	Cylinder Head Pin Unit with Spring Clip 2725AA (Key D)	2
D	2725AA	783310503026	Spring Clip	2
E	10826	783310108269	Ram Pin	1
F	13232	783310132325	Frame Unit	1
G	13193G	783310131939	Conduit Support	2
H	13230	783310144960	Conduit Support Pin	2
I	10939	783310109396	Small Shoe Support 1/2" thru 2"	1
J	10826	783310108269	Shoe Pin	1
K	<b>90° ALUMINUM BENDING SHOES</b>			
	10920	783310109204	1-1/4" Shoe	1
	10921	783310109211	1-1/2" Shoe	1
	10922	783310109228	2" Shoe	1
L	<b>ALUMINUM SEGMENT BENDING SHOES</b>			
	13208G	783310132080	2-1/2" Shoe	1
	13209	783310132097	3" Shoe	1
	13210	783310132103	3-1/2" Shoe	1
	13211	783310132110	4" Shoe	1
	13382	783310133827	Steel Storage Box (not shown)	1

### CENTERLINE BENDING RADII FOR 777 BENDERS

Rigid Shoe Size	1-1/4"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"
<b>Bending Radius-Inches</b>	7-1/4"	8-1/4"	9-1/2"	11-7/16"	13-3/4"	16"	18-1/4"
<b>Bending Radius-mm</b>	184.1	209.5	241.3	290.5	349.3	406.4	463.6

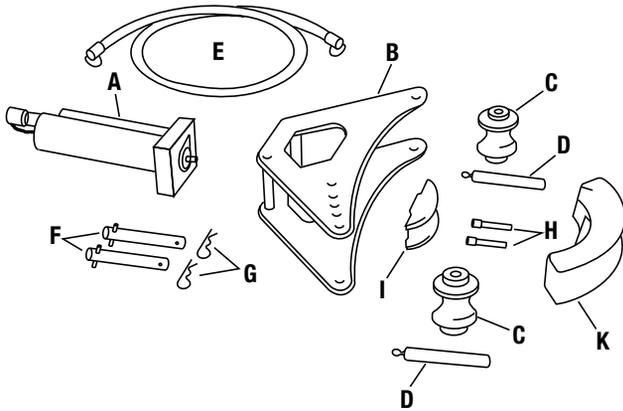
CAT. NO.	UPC NO.	DESCRIPTION
777	783310164913	1-1/4" through 2" One-Shot and 2-1/2" through 4" Segment, Rigid Conduit Bender without hydraulic pump
777HC755	783310164708	1-1/4" through 2" One-Shot and 2-1/2" through 4" Segment, Rigid Conduit Bender with 755 Hand Hydraulic Pump
777E975	783310341987	1-1/4" through 2" One-Shot and 2-1/2" through 4" Segment, Rigid Conduit Bender with 975 Electric Hydraulic Pump
A 1802	783310212577	Bending Table (Optional)
A 21359	783310213598	Conduit Support Pin for use with 1802 Bending Table – (2) Required

## Rigid Conduit Bender for 1/2", 3/4", 1", 1-1/4", 1-1/2" and 2"

- Strong, portable pin-assembled aluminum components
- Easy-to-use ram travel scale and bending charts
- Conduit supports index to suit all sizes
- Optional shoes available to bend PVC-Coated Rigid conduit (see page 170)



880



### SPECIFICATIONS

Capacity	880: 1" – 2" Rigid Conduit
Power Source	755: Hydraulic Hand Pump 975: 120 VAC Electric Hydraulic Pump 980: 120 VAC Electric Hydraulic Pump
Weight	880: 113 lb (52 kg) 880H755: 135 lb (61 kg) 880E975: 172 lb (78 kg)

KEY	CAT. NO.	UPC NO.	DESCRIPTION	880
A	747	783310162490	15-Ton Hydraulic Ram with 4018GB female quick coupler, includes Keys F, G and one H	1
B	2345AA	783310033967	Frame Unit	1
C	2349AA	783310034001	Conduit Support	2
D	13679	783310136798	Conduit Support Pin	2
E	11289	783310112891	3/8" x 6' (9.5 x 1829 mm) Hydraulic Hose with two 4033GB male quick couplers	1
F	15829	783310158295	Cylinder Head Pin Unit with Spring Clips 2725AA (Key G)	2
G	2725AA	783310503026	Spring Clips	2
H	10826	783310108269	Ram Pin, Shoe Pin	2
I	10939	783310109396	Shoe Support	1
K	10919	783310109198	1" Shoe – Rigid	1
K	10920	783310109204	1-1/4" Shoe – Rigid	1
K	10921	783310109211	1-1/2" Shoe – Rigid	1
K	10922	783310109228	2" Shoe – Rigid	1
	14909	783310149095	Steel Storage Box (not shown)	1

### CENTERLINE BENDING RADII FOR 880 & 880 PVC BENDERS

Rigid Shoe Size	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
Bending Radius-Inches	4"	4-1/2"	5-3/4"	7-1/4"	8-1/4"	9-1/2"
Bending Radius-cm	10.16	11.43	14.60	18.41	20.95	24.13

CAT. NO.	UPC NO.	DESCRIPTION
880	783310164807	1", 1-1/4", 1-1/2" and 2" Rigid Conduit Bender without hydraulic pump
880H755	783310164647	1", 1-1/4", 1-1/2" and 2" Rigid Conduit Bender with 755 Hand Hydraulic Pump
880E975	783310342007	1", 1-1/4", 1-1/2" and 2" Rigid Conduit Bender with 975 Electric Hydraulic Pump
A 1802	783310212577	Bending Table (Optional)
A 21357	783310213574	Conduit Support Pin for use with 1802 Bending Table – (2) Required
A 10917	783310109174	1/2" Shoe (Optional)
A 10918G	783310109181	3/4" Shoe (Optional)



884

Shown with OPTIONAL 1802 Bending Table & OPTIONAL 980 pump

## Rigid Conduit Benders for One-Shot 90°s in 1-1/4" – 4" (5" with Segment Bending Shoe)

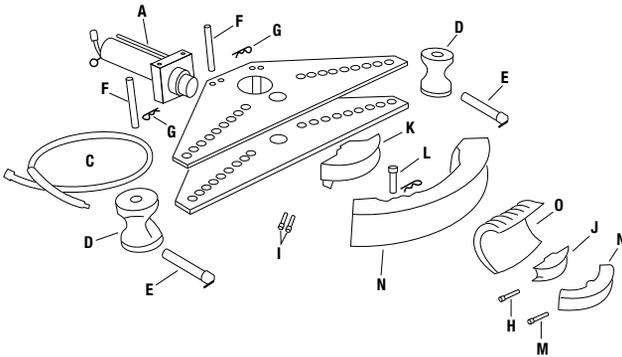
- Strong, yet lightweight, portable, pin-assembled aluminum components
- Easy-to-use ram travel scale and charts for accurate bends
- Make elbows, offsets and saddles
- Both 884 and 885 bend One-Shot 90°s in 1-1/4" – 4" Rigid conduit
- Optional shoes available to bend PVC-Coated Rigid conduit (see page 170)
- Optional 1802 Bending Table available for easier operation

### SPECIFICATIONS

<b>Capacity</b>	1884: 1-1/4" – 4" Rigid conduit. 884PVC: 1-1/4" – 4" 40 mil PVC Coated Rigid Conduit 885: 1-1/4" – 5" Rigid Conduit
<b>Power Source</b>	980: 120 VAC Electric Powered Hydraulic Pump 980-22PS: 220 VAC 50/60 Cycle Electric Powered Hydraulic Pump
<b>Weight</b>	884: 421 lb (191 kg) 884E980: 494 lb (225 kg) 884PVC: 388 lb (176 kg) 885: 449 lb (204 kg) 885E980: 527 lb (239 kg)

CAT. NO.	UPC NO.	DESCRIPTION
884	783310164777	1-1/4" through 4" Rigid Conduit Bender, without hydraulic pump
884E980	783310342090	1-1/4" through 4" Rigid Conduit Bender, with 980 Electric Hydraulic Pump
884-PVC	783310336143	1-1/4", 1-1/2", 2", 3" and 4" PVC Coated Rigid Conduit Bender without hydraulic pump
885	783310167518	1-1/4" through 4" One-Shot and 5" Segment Rigid Conduit Bender, without hydraulic pump
885E980	783310342106	1-1/4" through 4" One-Shot and 5" Segment Rigid Conduit Bender, with 980 Electric Hydraulic Pump
 1802	783310212577	Bending Table (optional)

## Rigid Conduit Benders for One-Shot 90°s in 1-1/4" – 4" (5" with Segment Bending Shoe)



### 884 & 885 CENTERLINE BENDING RADII

Size	Rigid	Size	PVC Rigid
1-1/4"	7-1/4" (184.1 mm)	1-1/4"	7-1/4" (184.1 mm)
1-1/2"	8-1/4" (209.5 mm)	1-1/2"	8-1/4" (209.5 mm)
2"	9-1/2" (241.3 mm)	2"	9-1/2" (241.3 mm)
2-1/2"	12-1/2" (317.5 mm)	2-1/2"	11-7/16" (290.5 mm)
3"	15" (381 mm)	3"	13-3/4" (349.3 mm)
3-1/2"	17-1/2" (444.5 mm)	3-1/2"	16" (406.4 mm)
4"	20" (508 mm)	4"	18-1/4" (463.5 mm)
5" (885 only)	25" (635 mm)		

KEY	CAT. NO.	UPC NO.	DESCRIPTION	884	884-PVC	885
A	1737	783310167525	27-Ton Hydraulic Ram with 4018GB female quick coupler, includes Keys F thru I.	1	1	1
C	11289	783310112891	3/8" x 6' (9.5 x 1829 mm) Hydraulic Hose with two 4033GB male quick couplers	1	1	1
D	15671	783310156710	Conduit Support	2	-	2
	33454	783310334545	Conduit Support (not shown)	-	2	-
E	16747	783310167471	Conduit Support pin	2	2	2
F	16753	783310167532	Cylinder Head Pin Unit with Spring Clip 2725AA	2	2	2
G	2725AA	783310503026	Spring Clip	2	2	2
H	25184	783310251842	Ram Pin	1	1	1
I	10946	783310109464	Large Ram Pin	2	2	2
J	10939	783310109396	Small Shoe Support (1/2" through 2")	1	1	1
K	16741	783310167419	Large Shoe Support (2-1/2" through 4")	1	1	1
L	10963	783310109631	Large Shoe Pin	1	1	1
M	10826	783310108269	Small Shoe Pin	1	1	1
	2050	783310198116	Steel Storage Box (not shown)	1	1	1
N	10920	783310109204	1-1/4" Shoe – Rigid	1	-	1
N	10921	783310109211	1-1/2" Shoe – Rigid	1	-	1
N	10922	783310109228	2" Shoe – Rigid	1	-	1
N	10923G	783310109235	2-1/2" Shoe – Rigid	1	-	1
N	10924	783310109242	3" Shoe – Rigid	1	-	1
N	10925	783310109259	3-1/2" Shoe – Rigid	1	-	1
N	14265	783310142652	4" Shoe – 20" centerline radius – Rigid	1	-	1
N	15669	783310156697	5" Shoe – Rigid	-	-	1
O	33459	783310334590	1-1/4" Shoe – PVC	-	1	-
N	33463	783310334637	1-1/2" Shoe – PVC	-	1	-
N	33462G	783310334620	2" Shoe – PVC	-	1	-
N	34340	783310343400	3" Shoe – PVC	-	1	-
N	34344	783310343448	4" Shoe – PVC	-	1	-
N	34329	783310343295	7/8" Wrench (not shown)	-	1	-

**NOTE:** To complete setup as shown two 10-foot (3.04 m) lengths of 2" Rigid conduit and Bender are required (purchased separately).

### BENDERS / PARTS

CAT. NO.	UPC NO.	DESCRIPTION
884-PVC	783310336143	An 884 Bender with shoes, supports and wrench for bending 1-1/4", 1-1/2", 2", 3" and 4" 40 mil PVC Coated Rigid conduit. In a steel storage box. (See 884 Conduit Bender for details)



884PVC

## Accessories for Bending 40 Mil PVC-Coated Rigid Conduit for 880 and 884 Benders

- Special size shoes and supports for bending 40 mil PVC-Coated Rigid conduit
- Two conduit supports accessories are required. Shoes for 1-1/2" or larger have a cam device to force the conduit out of the shoe after bending; this requires a wrench to turn the cam

### SHOE UNITS – 40 MIL PVC COATED RIGID

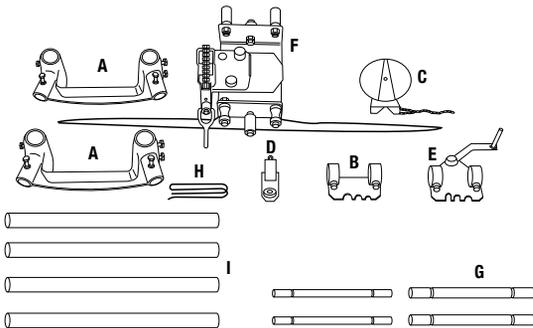
SIZE	CAT. NO.	UPC NO.	DESCRIPTION
1/2"	33456	783310334569	Shoe Unit 4" (101.6 mm) Centerline Radius
3/4"	33457G	783310334576	Shoe Unit 4-1/2" (114.3 mm) Centerline Radius
1"	33458	783310334583	Shoe Unit 5-3/4" (146.1 mm) Centerline Radius
1-1/4"	33459	783310334590	Shoe Unit 7-1/4" (184.2 mm) Centerline Radius
1-1/2"	33463	783310334637	Shoe Unit 8-1/4" (209.6 mm) Centerline Radius
2"	33462G	783310334620	Shoe Unit 9-1/2" (241.3 mm) Centerline Radius
2-1/2"	34321	783310343219	Shoe Unit 11-7/16" (290.5 mm) Centerline Radius
3"	34340	783310343400	Shoe Unit 13-3/4" (349.3 mm) Centerline Radius
3-1/2"	34342G	783310343424	Shoe Unit 16" (406.4 mm) Centerline Radius
4"	34344	783310343448	Shoe Unit 18-1/4" (463.6 mm) Centerline Radius
–	33455G	783310334552	880 Conduit Support – 2 Required
–	33454	783310334545	884 Conduit Support – 2 Required
–	34329	783310343295	7/8" Wrench. Use with 1-1/2" and larger shoes

CAT. NO.	UPC NO.	DESCRIPTION
884-PVC	783310336143	An 884 Bender with shoes, supports and wrench for bending 1-1/4", 1-1/2", 2", 3" and 4" 40 mil PVC Coated Rigid conduit. In a steel storage box. (See 884 Conduit Bender for details)



1802

Typical setup with bender (see NOTE)  
Shown with 884 Bender and 980 Pump  
Bender and conduit not included for 1802.



## Bending Table (only) for 777, 880, 884 and 885 Rigid Conduit Benders

- Make bending easier, faster and more accurate
- Insert conduit to be bent in chain vise, tighten. Turn handle to move the chain vise and position conduit for bending
- Use the Bending Degree Protractor and the movable chain vise to advance conduit while making segment and other multi-shot large sweep bends
- Includes 1805 Bending Degree Protractor and metal storage box

### SPECIFICATIONS

Capacity	777, 880, 883, 884 and 885 Benders
Weight	180 lb (82 kg)

KEY	CAT. NO.	UPC NO.	DESCRIPTION	1802
A	21541	783310215417	Leg Support Unit	2
B	21545	783310215455	Bender Bracket Unit	1
C	1805	7833101213185	Bending Degree Protractor	1
D	21542	783310215424	Chain Idler Unit	1
E	21543	783310215431	Crank Bracket Unit	1
F	21544	783310215448	Pipe Vise Unit	1
G	21360	783310213604	Pipe Support Pin – 1-1/2" for 884 and 885 Bender	2
H	21413	783310214137	Chain Extension Kit	1
I	21346	783310213468	Legs	4
	1531	783310232742	Steel Storage Box (not shown)	1

CAT. NO.	UPC NO.	DESCRIPTION
1802	783310212577	Bending Table – includes pipe support pins for 884 or 885 Benders
A 21359	783310213598	Pipe support Pin for use with 777, 883 and 883-4 Benders, two (2) are required (Optional)
A 21357	783310213574	Pipe Support Pin for use with 880 Bender, two (2) are required (Optional)

**NOTE:** To complete setup as shown two 10-foot (3.04 m) lengths of 2" Rigid conduit and Bender are required (purchased separately).

# HYDRAULIC PUMPS



4016 GB



4017 GB

## Hydraulic Oil

- Greenlee-approved hydraulic oil
- Specially compounded for use with Greenlee hydraulic equipment
- Refinery-filtered to give you the finest oil available

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT	
			LB	KG
4016GB	783310510598	Hydraulic Oil – 1 Gallon (3.8 l)	8.5	3.9
4017GB	783310508069	Hydraulic Oil – 1 Quart (.9 l)	2.25	1.02

**NOTE:** For best operation of your Greenlee hydraulic powered equipment, use Greenlee hydraulic oil only. (Do not use hydraulic brake fluid, shock absorber fluid, alcohol, glycerine, castor oil or other non specified fluid—as they reduce performance and can cause damage to pumps and equipment.) Use of improper fluids will void warranty on Greenlee hydraulic equipment.

## High-Pressure Hydraulic Hand Pump

- Portable and powerful, for use with Greenlee Benders
- Versatile, operates in any position
- Steel pump body and handle with rubber grip
- Wide base for stability
- Mounting holes for permanent positioning
- Includes 3/8" (9.5 mm) female hydraulic connector and dust cap



755

### SPECIFICATIONS

Operation	Manual – Hand
Capacity	10,000 psi (700 bar), .161 in <sup>3</sup> (26 mm <sup>3</sup> ) per stroke
Length	25-1/2" (648 mm)
Width	7" (178 mm)
Height	6" (152 mm)

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT	
			LB	KG
755	783310156772	High-Pressure Hydraulic Hand Pump	18	8.2
 18272	783310182726	Seal Kit	–	–

**NOTE:** See page 102 to select the proper hydraulic hose for this pump.



7475H

## Hand-Operated Hydraulic Pump

- Two-speed hydraulic pump. Ideal for use with remote cutting and crimping tools
- Compact and lightweight – easy to move around job sites
- Solid base with wide legs provides for good stability during operation
- Built-in carrying handle
- Large, easy-to-grasp, retraction wheel
- Equipped with 3/8" female screw-type hydraulic coupler

### SPECIFICATIONS

Max output pressure	10,000 psi (700 bar)
Useable oil capacity	0.75 quart (0.74 liter)
Capacity	1st stage oil volume (200 psi) 0.82 cu in/stroke 2nd stage oil volume (10,000 psi) 25" (635 mm)
Width	5-5/8" (143 mm)
Height	5-1/2" (140 mm)

CAT. NO.	UPC NO.	DESCRIPTION
7475H	783310074755	Hand-Operated Hydraulic Pump
<b>R</b> 07829	783310078296	Seal Kit

**NOTE:** See page 102 to select the proper hydraulic hose for this pump.



975

## Electric Hydraulic Pump

- Useable oil volume: 3 quarts (2.8 liters)
- For use with Greenlee 2" capacity benders
- Automatic or manual ram-return selector valve provides more control from the pendant switch
- Molded enclosure protects pump, motor and circuitry in tough working environments
- Use with single-hose hydraulic systems with spring-return rams

### SPECIFICATIONS

Operation	120 VAC 1/2 HP (.375 kW)
Capacity	10,000 psi (700 bar); 250 inch <sup>3</sup> (4 L) per minute rapid advance; 18 inch <sup>3</sup> (.32 L) per minute at full pressure
Length	12" (305 mm)
Width	10" (254 mm)
Height	15-1/2" (394 mm)

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT	
			LB	KG
975	783310335160	Electric Hydraulic Pump	51	23
<b>R</b> 34369	783310343691	Seal Kit	-	-

**NOTE:** See page 102 to select the proper hydraulic hose for this pump.



## Electric Hydraulic Pump

- Useable oil volume: 6 quarts (5.7 liters)
- For use with all Greenlee benders
- Handy pendant advance control on 980 and 980-22PS
- Low voltage pendant coupled to solid state motor controls prevents contact arcing for greater reliability and longer life
- Automatic or manual ram return selector valve provides more control from the pendant switch
- Molded enclosure protects pump, motor and circuitry in tough working environments
- Use with single-hose hydraulic systems with spring-return rams

### SPECIFICATIONS

<b>Operation</b>	980 – 120 VAC 1-1/2 Hp (1.12 kW) 980-22PS – 220 VAC 50Hz 1-1/2 Hp (1.12 kW)
<b>Capacity</b>	10,000 psi (700 bar); 250 inch, (4 L) per minute rapid advance; 54 inch, (.9 L) per minute at full pressure
<b>Length</b>	12" (305 mm)
<b>Width</b>	12" (305 mm)
<b>Height</b>	17-1/2" (445 mm)

### WEIGHT

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT	
			LB	KG
980	783310335153	Electric Hydraulic Pump with Pendant	71	32
980-22	783310363149	Electric Hydraulic Pump	71	32
980-22PS	783310363132	Electric Hydraulic Pump with Pendant Switch	71	32
 34369	783310343691	Seal Kit	-	-

**NOTE:** 980-22 is 220V pump only, no control switch. See page 102 to select the proper hydraulic hose for this pump.

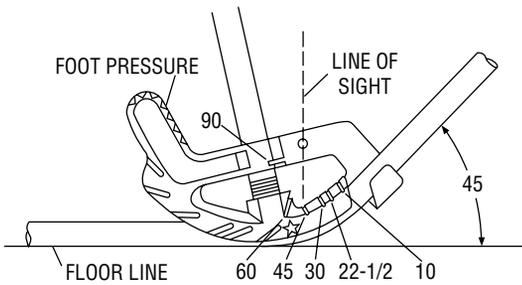


Full Line Catalog

# HAND BENDERS



SITE-RITE® Aluminum Heads  
840A, 841A, 842A, 843A



### 840A, 841A, 842A, 843A

EMT	Rigid IMC	Centerline Radii	Aluminum	Iron
1/2"		4-3/16" (106.5 mm)	840A, 840AH	840F, 840FH
3/4"	1/2"	5-1/8" (130.2 mm)	841A, 841AH	841F, 841FH
1"	3/4"	6-1/2" (165.1 mm)	842A, 842AH	842F, 842FH
1-1/4"	1"	9-5/8" (244.5 mm)	843A	843F

## SITE-RITE® Hand Benders for 1/2" – 1-1/4" EMT and 1/2" – 1" Rigid/IMC conduit

- Superior, patented Site-Rite® sighting system featuring cast-in, readable markings on the bender heads and a finish that provides for the best visibility in low-light
- Choice of aluminum or iron alloy construction provides options depending on the user's preference for feel and weight
- Strong, stable square hook design
- 1-1/2" bender heads both offer the power pedal feature with a larger foot area on the head for greater control, stability and leverage
- 1/2", 3/4" & 1" bender heads all have enlarged foot pedals and increased toe room to ensure greater control, stability and leverage
- All the bender handles are a consistent diameter, offering a bigger grip area, while still straight up and down for fast 30 degree bends

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT
840A	783310128106	Aluminum Hand Bender Head for 1/2" EMT	1.4 lb (0.7 kg)
841A	783310128380	Aluminum Hand Bender Head for 3/4" EMT, 1/2" Rigid/IMC	2.1 lb (0.9 kg)
842A	783310128397	Aluminum Hand Bender Head for 1" EMT, 3/4" Rigid/IMC	3.5 lb (1.6 kg)
843A	783310125242	Aluminum Hand Bender Head for 1-1/4" EMT, 1" Rigid/IMC	8.3 lb (3.8 kg)
840AH	783310126768	Aluminum Hand Bender Head with Handle for 1/2" EMT	5.5 lb (2.5 kg)
841AH	783310126775	Aluminum Hand Bender Head with Handle for 3/4" EMT, 1/2" Rigid/IMC	6.4 lb (2.9 kg)
842AH	783310126782	Aluminum Hand Bender Head with Handle for 1" EMT, 3/4" Rigid/IMC	11 lb (5 kg)

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT
840F	783310128311	Iron Hand Bender Head for 1/2" EMT 1	3.1 lb (1.4 kg)
841F	783310128328	Iron Hand Bender Head for 3/4" EMT, 1/2" Rigid/IMC	4.3 lb (2.0 kg)
842F	783310128335	Iron Hand Bender Head for 1" EMT, 3/4" Rigid/IMC	7.2 lb (3.3 kg)
843F	783310128342	Iron Hand Bender Head for 1-1/4" EMT, 1" Rigid/IMC	16.2 lb (7.3 kg)
840FH	783310128359	Iron Hand Bender Head with Handle for 1/2" EMT	7 lb (3.2 kg)
841FH	783310128366	Iron Hand Bender Head with Handle for 3/4" EMT, 1/2" Rigid/IMC	9 lb (4.1 kg)
842FH	783310128373	Iron Hand Bender Head with Handle for 1" EMT, 3/4" Rigid/IMC	15 lb (6.8 kg)

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT
84H1	783310126898	Handle for 1/2" & 3/4" Aluminum or Iron Hand Bender Heads	4.5 lb (2.0 kg)
84H2	783310126904	Handle for 1" Aluminum or Iron Hand Bender Heads	7.3 lb (3.3 kg)
84H3	783310126911	Handle for 1-1/4" Aluminum or Iron Hand Bender Heads	11.5 lb (5.2 kg)

## BENDING

### Hickeys with Welded Handles for 1/2" - 1" Rigid Conduit

- Heavy-duty cast steel head
- Welded steel handle
- Bend tight radius stub-ups



CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT
508	783310181026	Hickey for 1/2" Rigid	6.9 lb (3.1 kg)
512	783310181033	Hickey for 3/4" Rigid	8 lb (3.6 kg)
516	783310181040	Hickey for 1" Rigid	13 lb (5.9 kg)



### Little Kicker® Offset Bender

- Bends offsets in one easy operation. Insert conduit, depress handle, release and remove conduit
- Makes identical offsets every time for wall mounted boxes with exposed conduit
- Creates offset that matches the knockout in box
- Maximum offset of .56" (9/16")

#### SPECIFICATIONS

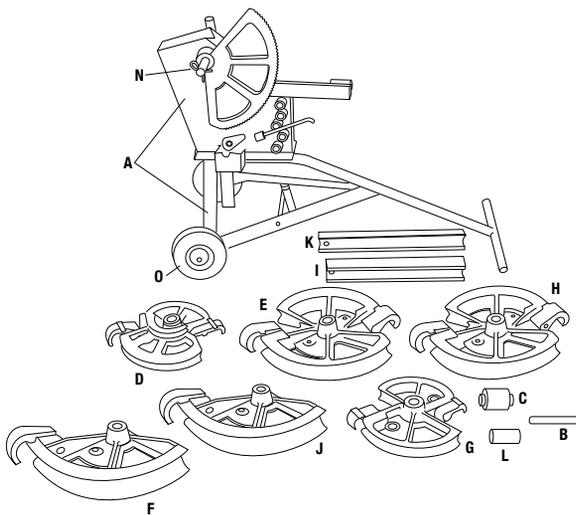
Capacity	1810: 1/2" EMT 1811: 3/4" EMT
Weight	1810: 8.75 lb (4 kg) 1811: 8.50 lb (3.9 kg)

CAT. NO.	UPC NO.	DESCRIPTION
1810	783310138150	Offset Bender for 1/2" EMT
1811	783310141594	Offset Bender for 3/4" EMT

# MECHANICAL BENDERS



1818



## Mechanical Benders for EMT, IMC, Rigid and Aluminum Conduit

- Bends a wide variety of types and sizes of conduit
- Durable ratchet mechanism for easy bending
- Bypass the ratchet for fast, direct bending on smaller sizes
- Bending degree indicator and charts for fast, easy, accurate bending
- All shoe and bending accessories can be mounted to the frame unit and secured with a chain and lock
- Heavy-duty undercarriage with wheels

### SPECIFICATIONS

<b>Capacity</b>	EMT: 3/4" – 2" Rigid: 1/2" – 1-1/2" IMC: 1/2" – 1-1/4"	Aluminum Rigid: 1/2" – 1-1/2" Stainless Steel Rigid: 1/2" – 1-1/2" Stainless Steel EMT: 3/4"– 1"
<b>Weight</b>	1818: 250 lb (114 kg) 1818T: 217 lb (99 kg) 1818R: 185 lb (84 kg)	

### CENTERLINE BENDING RADII

Shoe Size	Inches	mm
1/2" Rigid/IMC	2-21/32"	67.5
3/4" Rigid/IMC	4-5/8"	117.5
3/4" EMT	5-3/32"	129.4
1" Rigid/IMC	5-7/8"	149.2
1" EMT	6-13/32"	162.7
1-1/4" Rigid/IMC	7-3/8"	187.3
1-1/4" EMT	8-9/32"	210.3
1-1/2" Rigid	9"	228.6
1-1/2" EMT	8-9/32"	210.3
2" EMT	9-3/16"	233.4
2" Aluminum	10-15/32"	265.9

CAT. NO.	UPC NO.	DESCRIPTION
1818	783310221920	Mechanical Bender for 3/4" through 2" EMT conduit, 1/2" through 1-1/4" IMC conduit and 1/2" through 1-1/2" Rigid steel, aluminum and stainless steel conduit
1818R	783310202318	Mechanical Bender for 1/2" through 1-1/4" IMC conduit and 1/2" through 1-1/2" Rigid steel, aluminum and stainless steel conduit
1818T	783310202325	Mechanical Bender for 3/4" through 2" EMT conduit and 3/4" & 1" stainless steel EMT
08429	783310084297	Under Carriage Assembly
 1818G1	783310222200	Basic Bender and Carriage Assembly (No Shoes)
 19988	783310199885	Wheel, Non-flat

\*Use a 5' (1.5 m) length of 1" Rigid conduit for the handle.

KEY	CAT NO.	UPC NO.	DESCRIPTION	BENDERS				SHOE GROUPS*		
				1818	1818R	1818T	1818G1	36905	36906	36907
A	1818G1	783310222200	Basic Bender and Carriage Assembly (No Shoes)	1	1	1	1	-	-	-
B	36697G	783310366973	Roller Pin Unit	1	1	1	-	1	1	1
C	18681G	783310186816	Cushioned Roller Unit	1	1	1	-	1	1	1
D	18827	783310188278	1/2, 3/4 & 1" Rigid/IMC Shoe Unit	1	1	-	-	1	1	-
E	18828	783310188285	1-1/4" Rigid/IMC; 1-1/2" Rigid Shoe Unit	1	1	-	-	1	1	-
G	18830	783310188308	3/4 & 1" EMT Shoe Unit	1	-	1	-	1	-	1
H	18831	783310188315	1-1/4 & 1-1/2" EMT Shoe Unit	1	-	1	-	1	-	1
I	18642	783310186427	1-1/4 & 1-1/2" EMT Follow Bar	1	-	1	-	1	-	1
J	18832	783310188322	2" EMT Shoe Unit	1	-	1	-	1	-	1
K	18636	783310186366	2" EMT Follow Bar	1	-	1	-	1	-	1
L	36296	783310362968	Roller Follow Bar Guide	1	-	1	-	1	-	1
N	18772	783310187721	Retainer Clip	1	1	1	-	1	1	1
O	02448	783310024484	Wheel, Non-flat	2	2	2	-	-	-	-
	1723	783310238188	Steel Storage Box For Shoe Units (not shown)	Optional						



## Mechanical Benders for IMC and Rigid Conduit

- Ratchet action for increased leverage
- Bypass the ratchet for fast, direct bending on smaller sizes
- Heavy-duty welded construction for long, reliable service
- Built-in bending degree indicator and easy to use bending charts for accurate, consistent bends

### SPECIFICATIONS

<b>Capacity</b>	Mechanical Benders for IMC and Rigid Conduit 1800, 1800G1: 1/2", 3/4" and 1" IMC and Rigid 1801: 1-1/4" and 1-1/2" IMC and Rigid
<b>Weight</b>	1800: 81 lb (36.7 kg) 1800G1: 48 lb (21.8 kg) 1801: 104 lb (47.2 kg)

### CENTERLINE BENDING RADII

1800, 1800G1	1/2" Rigid conduit 2-5/8" (66.7 mm) 3/4" Rigid conduit 4-5/8" (117.5 mm) 1" Rigid conduit 5-7/8" (149.2 mm)
1801	1-1/4" Rigid conduit 8-1/16" (204.8 mm) 1-1/2" Rigid conduit 9-11/16" (246.1 mm)

CAT. NO.	UPC NO.	DESCRIPTION
1800	783310244004	Mechanical Bender for 1/2", 3/4", 1" IMC and Rigid conduit
1800G1	783310244011	Mechanical Bender without undercarriage, for bench or truck bed mounting. Bends 1/2", 3/4", 1" IMC and Rigid conduit
1801	783310247531	Mechanical Bender for 1-1/4", 1-1/2" IMC and Rigid conduit
<b>R</b> 08429	783310084297	Undercarriage Unit for 1800 and 1801
<b>R</b> 02448	783310024484	Wheel, Non-flat

\*Use a 5' (1.5 m) length of 1" Rigid conduit for the handle.

# PVC HEATERS & BLANKETS

## PVC BENDING EQUIPMENT SELECTION GUIDE

CAT. NO. – DESCRIPTION	PAGE NO.	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	5"	6"
<b>BLANKETS</b>													
860-1-1/2 PVC Heating Blanket	182	X	X	X	X	X	–	–	–	–	–	–	–
860-3 PVC Heating Blanket	182	–	–	–	–	–	X	X	X	–	–	–	–
860-4 PVC Heating Blanket	182	–	–	–	–	–	–	–	–	X	X	–	–
<b>HEATERS</b>													
849 PVC Heater	180	X	X	X	X	X	X	–	–	–	–	–	–
851 PVC Heater	181	X	X	X	X	X	X	X	X	X	X	–	–
847 / 848 PVC Heater	181	X	X	X	X	X	X	X	X	X	X	X	X



849

### Electric PVC Heater for 1/2" – 2", All Schedules

- Easy to use: preheat for 10 minutes, insert PVC, rotate until pliable, remove and form bend
- Sturdy double wall metal with fiberglass insulation and reflective interior for fast, even heat
- Full length door for easy PVC loading and removal
- Other features include on/off switch, pilot light and carrying handle
- Heats 24" Long section of pipe

#### SPECIFICATIONS

Capacity	1/2" – 2" PVC All Schedules
Power Source	120 VAC 20 Amp or 3000 Watt Generator
Weight	15 lb (6.8 kg)

CAT. NO.	UPC NO.	DESCRIPTION
849	783310273950	Electric PVC Heater for 1/2" – 2"
 27811	783310278115	Calrod Heating Element



851

## Electric PVC Heater for 1/2" – 4", All Schedules

- Easy to use: preheat for 10 minutes, open lid and position PVC, close lid, rotate until pliable, open lid, remove PVC and form bend
- Heavy-duty, insulated metal walls and cover with reflective interior for efficient, even heat
- Full-length door for easy loading and unloading
- On/off switch with indicator light
- Sturdy wheels for easy mobility
- Use two units in tandem to heat large sweep bends
- Heats 50" Long section of pipe

### SPECIFICATIONS

Capacity	1/2" – 4" PVC All Schedules
Power Source	120 VAC 20 Amp or 3600 Watt Generator
Length	52" (1321 mm)
Weight	53 lb (24 kg)
Wattage	2300

CAT. NO.	UPC NO.	DESCRIPTION
851	783310355779	Electric PVC Heater for 1/2" - 4"
 35592	783310355922	Calrod Heating Element

See page 183 for 2" - 4" PVC plugs or 859-4 Plug Set.



847

## Electric PVC Heater for 1/2" – 6", All Schedules

- Easy to use: preheat for 10 minutes, open lid and position PVC, close lid, rotate until pliable, open lid, remove PVC and form bend. 848 model has motorized rotation
- Heavy-duty metal construction with reflective interior for fast, efficient heating
- Has heating chart, timer, and on/off switch with indicator light for added convenience
- Double doors with piano hinges allows for heating of shorter lengths with one door open
- Sturdy wheels for easy mobility
- Heats 65" Long section of pipe

### SPECIFICATIONS

Capacity	1/2" – 6" PVC All Schedules
Power Source	230 VAC 30 AMP or 7000 Watt Generator
Length	71" (1803 mm)
Weight	847: 78 lb (36 kg) 848: 80 lb (37 kg)
Wattage	6600

CAT. NO.	UPC NO.	DESCRIPTION
847	783310308669	Electric PVC Heater for 1/2" – 6" All Schedules
848	783310308676	Electric PVC Heater with Motorized PVC Rotation for 1/2" – 6" All Schedules
 31092	783310310921	Motorized PVC rotation kit for 847
 857	783310310938	PVC Roller Support (Optional)
 30908	783310309086	Calrod Heating Element



860-3

## PVC Heating Blankets for up to 4", All Schedules

- Make bends, offsets or saddles in PVC fast and easy
- Easy to use: wrap blanket around PVC, secure with hook and loop strap
- Built-in stiffeners help keep the blanket tight to the PVC surface – remove blanket and form bend by hand
- Controlled, even heating for uniform bending
- Heavy-duty cord and thermostat for long life
- Temperature over 300° F (149° C)

### SPECIFICATIONS

	860-1-1/2	860-3	860-4
<b>Capacity</b>	Up to 1-1/2" PVC All Schedules	2" – 3" PVC All Schedules	3-1/2" – 4" PVC All Schedules
<b>Power Source</b>	120 VAC	120 VAC	120 VAC
<b>Size</b>	13" x 8-1/4" (330.2 x 209.6 mm)	30" x 13-1/4" (762.0 x 336.6 mm)	38" x 16-1/4" (965.2 x 412.8 mm)
<b>Weight</b>	1.7 lb (.8 kg)	3.3 lb (1.5 kg)	4.9 lb (2.2 kg)
<b>Wattage</b>	200	800	1300

CAT. NO.	UPC NO.	DESCRIPTION
860-1-1/2	783310314868	PVC Heating Blanket for up to 1-1/2"
860-3	783310314875	PVC Heating Blanket for 2"-3"
860-4	783310314882	PVC Heating Blanket for 3-1/2" and 4"

# PVC HEATERS & BLANKETS PVC ACCESSORIES



859-4

## PVC Plugs and Plug Set

- Use with PVC Heating Blankets or Electric Heaters to plug the ends of the PVC being heated. The trapped air will help keep the PVC from collapsing while forming the bend
- Use on Schedule 40 and 80 PVC
- Available in 2" – 4" set or individual sizes 2" – 6". Order two, one for each end of the PVC

### SPECIFICATIONS

Capacity	2" – 6" PVC Schedules 40 and 80
Weight	859-4: 8 lb (3.6 kg) 30976: .3 lb (0.2 kg) 30977: .4 lb (0.2 kg) 30978: .4 lb (0.2 kg) 30979: .6 lb (3.6 kg) 30980: 1 lb (0.5 kg) 30981: 1.3 lb (0.6 kg)

CAT. NO.	UPC NO.	DESCRIPTION
859-4	783310357407	PVC Plug Set for 2" – 4". Includes 2 each of 2", 2-1/2", 3" and 4" plugs and carrying case. Case has a place for optional 5" and 6" sizes.
<b>R</b> 30976	783310309765	2" PVC Plug
<b>R</b> 30977	783310309772	2-1/2" PVC Plug
<b>R</b> 30978G	783310309789	3" and 3-1/2" PVC Plug
<b>R</b> 30979	783310309796	4" PVC Plug
<b>R</b> 30980	783310309802	5" PVC Plug
<b>R</b> 30981	783310309819	6" PVC Plug
<b>R</b> 31228G	783310312284	Plastic Carrying Case

# ACCESSORIES



1895

## Protractor with Magnetic Base

### SPECIFICATIONS

Width	0.4 lb (0.2 kg)
-------	-----------------

CAT. NO.	UPC NO.	DESCRIPTION
1895	783310359050	Angle Protractor with Magnetic Base



## Chain-Type Pipe Vise

- Use with a wide range of sizes of pipe or conduit
- Built-in pipe rest
- To prevent marring of plastic or plastic coated pipe, vise jaws can be rotated with smooth side up – Use serrated side for harder materials
- Chain design holds pipe securely to prevent it from twisting or turning during threading

### SPECIFICATIONS

Capacity	1/8" – 5" (3.2 mm x 127 mm) pipe
Weight	17 lb (7.7 kg)

CAT. NO.	UPC NO.	DESCRIPTION
467	7833101273189	Chain-Type Pipe Vise

## Conduit Size Chart

Size	EMT ELECTRICAL METALLIC TUBING						IMC INTERMEDIATE CONDUIT						RIGID CONDUIT STEEL OR ALUMINUM					
	OUTSIDE DIA.		INSIDE DIA.		WALL THICKNESS		OUTSIDE DIA.		INSIDE DIA.		WALL THICKNESS		OUTSIDE DIA.		INSIDE DIA.		WALL THICKNESS	
	Inches	mm	Inches	mm	Inches	mm	Inches	mm	Inches	mm	Inches	mm	Inches	mm	Inches	mm	Inches	mm
1/2"	.706	17.9	.622	15.8	.042	1.1	.815	20.7	.675	17.1	.070	1.8	.840	21.3	.622	15.8	.109	2.8
3/4"	.922	23.4	.824	20.9	.049	1.3	1.029	26.1	.879	22.3	.075	1.9	1.050	26.7	.824	20.9	.113	2.9
1"	1.163	29.5	1.049	26.6	.057	1.5	1.290	32.8	1.120	28.4	.085	2.2	1.315	33.4	1.049	26.6	.133	3.4
1-1/4"	1.510	38.4	1.380	35.1	.065	1.7	1.638	41.6	1.468	37.3	.085	2.2	1.660	42.2	1.380	35.0	.140	3.6
1-1/2"	1.740	44.2	1.610	40.9	.065	1.7	1.883	47.8	1.703	43.3	.090	2.3	1.900	48.3	1.610	40.9	.145	3.7
2"	2.197	55.8	2.067	52.5	.065	1.7	2.360	59.9	2.170	55.1	.095	2.4	2.375	60.3	2.067	52.5	.154	3.9
2-1/2"	2.875	73.0	2.731	69.4	.072	1.8	2.857	72.6	2.597	66.0	.130	3.3	2.875	73.0	2.469	62.7	.203	5.2
3"	3.500	88.9	3.356	85.2	.072	1.9	3.476	88.3	3.216	81.7	.130	3.3	3.500	88.9	3.068	77.9	.216	5.5
3-1/2"	4.000	101.6	3.834	97.4	.083	2.1	3.971	100.9	3.711	94.3	.130	3.3	4.000	101.6	3.548	90.1	.226	5.7
4"	4.500	114.3	4.334	110.1	.083	2.1	4.466	113.4	4.206	106.8	.130	3.3	4.500	114.3	4.026	102.3	.237	6.0
5"	–	–	–	–	–	–	–	–	–	–	–	–	5.563	141.3	5.047	128.2	.258	6.5
6"	–	–	–	–	–	–	–	–	–	–	–	–	6.625	168.3	6.065	154.0	.280	7.1



# NOTES



# FISHING

When you need to fish through conduit, behind walls or above ceilings, Greenlee has a solution. From fish tapes and Fish Stix™, to power fishing systems Greenlee has easy to use tools that help you get the job done faster.

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Power Fishing.....	194
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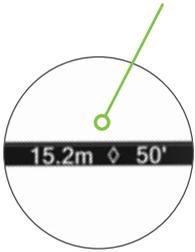
# SmartMARK™

## FISH TAPE WITH MEASUREMENT MARKINGS



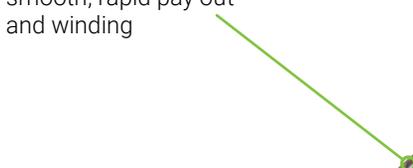
### Measurement Markings

Laser etched feet and meter distance markings every 1' (.3 m)



### Superior Fishing

Patented design for smooth, rapid pay out and winding



### Speed Flex® Leader

Fish farther and faster with Speed Flex® Leader

### Viewing Port

Gives visibility to remaining tape and ability to remove jobsite debris quickly

### Advanced

Comfort handle grip reduces fatigue

### 360° Uniform Grip

No bump, patented case design

### Flared Case

Grip ridges for no slip handling

### Rugged Case

Design improves drop impact capability



SmartMARK™

# FISH TAPES



SmartMARK™



Magnum Pro™

## Case Types

### SmartMARK™ and MagnumPro

- Advanced comfort grip
- Rugged case design improves drop impact capability
- Superior rapid tape payout and rewind
- Viewing port to show amount of tape remaining and quick debris removal



Reel Stand



Winder

## Reel Stand

- Lightweight and portable
- Leaves both hands free

## Winder

- Compact
- Winder for quick reeling

## Steel Fish Tapes



- For general fishing in conduit
- Durable tapes made from oil-tempered spring steel
- Improved low profile tip for easy fishing through all sizes of conduit
- Maximum design strength: 400 lb (1.7 kN)
- 1/8", 1/4" and flat steel profiles to accommodate different fishing situations
- SmartMARK™ tapes are laser etched with feet and meter markings every 1' (.3 m)
- SmartMARK™ tapes allow you to fish farther and faster with the Speed Flex® leader

CAT. NO.	UPC NO.	LENGTH	WIDTH/ DIAMETER	TYPE	END	REPLACEMENT TAPE
FTS438DL-250	783310263012	250'	1/8"	SmartMark™	Speed Flex® Leader	-
FTS438-240	783310127307	240'	1/8"	MagnumPro	Formed Hook	RS438-240 <b>R</b>
FTS438-240BP	783310100485	240'	1/8"	MagnumPro (3-Pack)	Formed Hook	RS438-240 <b>R</b>
S438W-200	783310124764	200'	1/4"	No Case	Formed Hook	-
FTS438DL-150	783310262992	150'	1/8"	SmartMark™	Speed Flex® Leader	-
FTS438-125	783310127093	125'	1/8"	MagnumPro	Formed Hook	RS438-125 <b>R</b>
FTS438-125BP	783310100461	125'	1/8"	MagnumPro (3-Pack)	Formed Hook	RS438-125 <b>R</b>
FTS438W-100	783310127109	100'	1/4"	MagnumPro	Formed Hook	RS438W-100 <b>R</b>
FTS438-65	783310127291	65'	1/8"	MagnumPro	Formed Hook	RS438-65 <b>R</b>
FTS438-65BP	783310100287	65'	1/8"	MagnumPro (3-Pack)	Formed Hook	RS438-65 <b>R</b>
438-5H	783310075004	50'	1/8"	5-Pack	Formed Hook	-
438-2X	783310016960	25'	1/4"	Flat-Steel Tape (3-Pack)	Plastic-Tipped	-

## Stainless Steel Fish Tapes



- For general fishing in conduit and wet/corrosive environments
- Corrosion free stainless steel tape for maximum life
- Fish further and faster with Speed Flex® leader
- Maximum design strength: 400 lb (1.7kN)

CAT. NO.	UPC NO.	LENGTH	WIDTH/ DIAMETER	TYPE	END	REPLACEMENT TAPE
FTSS438-200	783310127123	200'	1/8"	MagnumPro	Speed Flex® Leader	RSS438-200 <b>R</b>
FTSS438-100	783310127116	100'	1/8"	MagnumPro	Speed Flex® Leader	RSS438-100 <b>R</b>

## Fiberglass Fish Tapes



- For fishing through conduit with existing cable and near energized lines
- Non-conductive fiberglass tape with low-friction coating for faster and easier fishing
- Perfect for fishing in conduit with wire or cable present
- Maximum design strength: 540 Series – 300 lb (1.3 kN) & 542 Series – 400 lb (1.7 kN)

CAT. NO.	UPC NO.	LENGTH	WIDTH/ DIAMETER	TYPE	END	REPLACEMENT TAPE
542-250	783310357476	250'	3/16"	Reel Stand	Eyelet	05158 <b>R</b>
542-200	783310357469	200'	3/16"	Reel Stand	Eyelet	05157 <b>R</b>
542-150	783310357452	150'	3/16"	Reel Stand	Eyelet	05156 <b>R</b>
FTF540-100	783310127185	100'	11/64"	MagnumPro	Eyelet	RF540-100 <b>R</b>
FTF540-50	783310127178	50'	11/64"	MagnumPro	Eyelet	-

## Nylon Fish Tapes



- For fishing near energized lines when maximum flexibility is needed
- Non-conductive, curl-resistant nylon tape for fast, clean fishing
- Perfect for fishing in conduit with wire or cable present
- Maximum design strength: 250 lb (1.1 kN)

CAT. NO.	UPC NO.	LENGTH	WIDTH/ DIAMETER	TYPE	END	REPLACEMENT TAPE
FTN536-100	783310127161	100'	3/16"	MagnumPro	Eyelet	RN536-100 <b>R</b>
FTN536-50	783310127154	50'	3/16"	MagnumPro	Eyelet	RN536-50 <b>R</b>
RN536-25	783310079651	25'	3/16"	Replacement (No Case)	Eyelet	-

## Flexible Steel Fish Tapes



- For fishing multiple bends and situations that require flexibility
- Multi-strand steel cable for maximum flexibility
- More flexible than steel, stronger than fiberglass or nylon
- Maximum design strength: 500 lb (2.2 kN)

CAT. NO.	UPC NO.	LENGTH	WIDTH/DIAMETER	TYPE	END	REPLACEMENT TAPE
FTFS439-100	783310127147	100'	3/16"	MagnumPro	Eyelet	FS439-100 <b>R</b>
FS439-100	783310124825	100'	3/16"	Double-tipped (no case)	Eyelet	-
FTFS439-50	783310127130	50'	3/16"	MagnumPro	Eyelet	-

Check our website for the latest products

## PARTS & ACCESSORIES



439-2

### Speed Flex® Leader (439-2)

- Silver-solder joint attaches to any 1/8" (3.2 mm) x .060" (1.5 mm) steel fish tape to provide a slim profile that fishes farther, faster
- High-strength stainless steel cable is used for reliability and long life
- Beveled edges on the leader reduce the possibility of hang-ups when pulling wire
- Up to (6) #10 wires can be attached to the large pulling eye



439-1

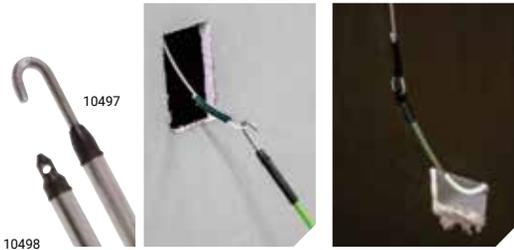
### Flex-O-Twist Leader (439-1)

- Flexible multi-strand steel leader guides fish tape through sharp bends

#### PARTS & ACCESSORIES ORDERING INFORMATION

CAT. NO.	UPC NO.	DIAMETER	DESCRIPTION	COMPATIBLE TAPES	
<b>LEADERS</b>					
<b>A</b> 439-1	783310308591	1/8"	Flexible Fish Tape Leader, 12" L	1/8" Steel	
<b>A</b> 439-2	783310143925	1/8"	Speed Flex® Leader (solder), 12" L	1/8" Steel	
<b>REPLACEMENT PARTS &amp; REPAIR KITS</b>					
<b>R</b> 35919	783310359197	1/8"	Pulling Eye	11/64" Fiberglass	
<b>R</b> 35930	783310359302	3/16"	Pulling Eye	3/16" Fiberglass	
<b>R</b> 01664	783310016649	3/16"	Replacement Tip (Require K09, K05 or #6 hex to install)	Nylon	
	35908	783310359081	1/8"	Repair Kit (includes threaded ferrule, splice ferrule & pulling eye)	11/64" Fiberglass
	35909	783310359098	3/16"	Repair Kit (includes threaded ferrule, splice ferrule & pulling eye)	3/16" Fiberglass
<b>A</b> 35750G	783310357506	3/16"	Accessory Kit (Includes flexible leader, eye, splice ferrule, & threaded ferrule)	3/16" Fiberglass	
<b>R</b> 10565	783310105657	11/64"	Pulling Eye Repair Kit (Includes pulling eye & adhesive)	11/64" Fiberglass	
<b>R</b> 10052	783310100522		12" Case/Handle Replacement	ALL 12" Cases	

# FISH RODS & ACCESSORIES



## Fish Stix™ and Glo Stix™

- 200 lb (0.9 kN) maximum pulling strength
- Two different threaded tips accommodate various bundles of wire or cable
- All Fish Stix™ are interchangeable so you can connect our Fish Stix™ with Glo Stix™

### FISH STIX™

- High-visibility green rods allow you to easily spot them above ceilings, in between walls or under floors
- 1/4" (6.4 mm) diameter fiberglass allows you to add rigidity when connecting multiple sections

### GLO STIX™

- Luminescent fiberglass rods glow in the dark for fishing in dark spaces
- More flexible than FishStix™, so you can fish through outlet box holes to get in between walls
- Sturdy, steel-threaded connectors are interchangeable with Greenlee 1/4" (6.4 mm) Fish Stix™
- Clear, non-metallic storage tube keeps Glo Stix™ charged and ready to use

CAT. NO.	UPC NO.	DESCRIPTION
540-12	783310105046	Fish Stix™ Kit: 1/4" x 12' (6.4 mm x 3.6 m) with bullet & "J" hook nose tips
540-24	783310105060	Fish Stix™ Kit: 1/4" x 24' (6.4 mm x 7.3 m) with bullet & "J" hook nose tips
540-8M	783310129189	Glo Stix™ Kit: 3/16" x 8' long (4.7 mm x 2.4 m) with bullet & "J" hook nose tips
540-15	783310114222	Glo Stix™ Kit: 3/16" x 15' (4.7 mm x 4.6 m) with bullet & "J" hook nose tips
540-18	783310867968	Glo Stix™ Kit: 5/32" x 18' (4.0 mm x 5.5 m) with bullet & "J" hook nose tips
540-20P	783310129196	Professional Installers Kit: (3)-1/4" x 4' Fish Stix™ sections, (2)-3/16" x 2' Glo Stix™ Sections & (1)-5/32" x 4' Glo Stix™ Section, (1) whisk, (1) "J" hook, (1) bullet nose
10497	783310104971	Hook Nose Tip
10498	783310104988	Bullet Nose Tip
11426	783310114260	Whisk Nose Tip

## SPECIFICATIONS

	540-12	540-24	540-8M	540-15	540-18	540-20P
Overall Length	12' (3.6 m)	24' (7.3 m)	8' (2.4 m)	15' (4.6 m)	18' (5.5 m)	6' (1.8 m)
Sections	3	5	5	3	3	6
Section Length	4' (1.2 m)	(3) 6' (1.8 m), (1) 3' (0.9 m) & (1) 3' (0.9 m)	20" (.5 m)	5' (1.5 m)	6' (1.8 m)	†
Diameter	1/4" (6.4 mm)	1/4" (6.4 mm)	3/16" (4.8 mm)	3/16" (4.7 mm)	5/32" (4.0 mm)	5/32" (4.0 mm)
Type	FishStix™	FishStix™	Glo Stix™	Glo Stix™	Glo Stix™	Glo Stix™
Minimum Bend Radius	6 1/2" (165 mm)	6 1/2" (165 mm)	4 1/4" (108 mm)	4 1/4" (108 mm)	3 1/2" (89 mm)	3 1/2" (89 mm)

†540-20P includes: (3)-1/4" x 4' Fish Stix™ sections, (2)-3/16" x 2' Glo Stix™ Sections & (1)-5/32" x 4' Glo Stix™ Section.



## Fish Poles

- Designed specifically for pushing and pulling wires over long distances
- Push or pull wires over suspended ceilings, under sub-floors or crawl spaces and in attics
- Install suspension wires for drop ceilings
- Non-conductive, high-impact construction
- Velcro strap secures pole when in collapsed position
- Self-contained, no loose parts
- Lightweight design to minimize fatigue
- Clip included for easy storage in shirt pocket (FP3 only)
- Magnetic back for retrieving metal objects (FP3 only)



### SPECIFICATIONS

	FP12	FP18	FP24	FP3
Extended length	12' (3.7 m)	18' (5.48 m)	24' (7.31 m)	38" (965 mm)
Collapsed length	26" (660 mm)	27" (686 mm)	50" (1270 mm)	6-3/8" (162 mm)
Diameter	1 1/4" (32 mm)	2" (50 mm)	2 1/4" (57 mm)	3/8" (9.5 mm)
Weight	1.3 lb (0.6 kg)	2 1/2 lb (1.1 kg)	4 1/4 lb (1.9 kg)	1.6 oz (46 g)



CAT. NO.	UPC NO.	DESCRIPTION
FP12	783310022688	Fish Pole 12 ft
FP18	783310104421	Fish Pole 18 ft
FP24	783310104438	Fish Pole 24 ft
FP3	783310239024	3' Wire Reacher
R 10453	783310104537	Replacement Hook

**NOTE:** This is not for use with live wires.



## CableCaster®

- Significantly speeds up the installation of lightweight communications cable through hard-to-reach spaces such as suspended ceilings, rafters and sub-floors
- Aerodynamic darts provide high accuracy and fast installation
- 50' (15 m) range allows for faster installations with fewer pulls
- Glow-in-the-dark darts are easy to locate
- Pen-light flashlight mount

CAT. NO.	UPC NO.	DESCRIPTION
06186	783310061861	CableCaster® Wire Pulling Tool with Three Darts
R 06259	783310062592	CableCaster® Replacement Darts (Pack of Four)

# POWER FISHING

## 690-15

### VACUUM/BLOWER POWER FISHING SYSTEM



#### SPECIFICATIONS

Capacity	1/2" – 4" Conduit (5" and 6" with optional foam pistons) see page 197
Liquid Capacity	11 gal. (41.6 L)
Power Source	120 VAC
Weight	50 lb (22.7 kg)
Air Flow	(3.40 cMm) 120 cfm
Suction	110" (2794 mm) water lift

CAT. NO.	UPC NO.	DESCRIPTION
690-15	783310015543	Vacuum/Blower Power Fishing System – 120 VAC

KEY	CAT. NO.	UPC NO.	DESCRIPTION
A	24779	783310247791	Piston set for 1/2"-4" conduit (EMT & Rigid)
B	23360	783310233602	Adapter Nozzle for tape and line
C	25646	783310256465	Adapter Cone 1/2"-1" Conduit
D	25644	783310256441	Adapter Cone 1-1/4"-2-1/2" Conduit
E	25645	783310256458	Adapter Cone 3"-4" Conduit
F	595	783310324331	Fish Line – 85 lb (378 N) pulling strength; 2,150' (655 m) long
R	690-RM	783310015529	Replacement Motor for 690-15
R	02468	783310024682	Filter Assembly Kit
R	690-RT	783310015536	Replacement Tank for 690-15
R	RH10	783310015413	Flexible Hose 10' x 1-1/2" (3.05 m x 38.1 mm)
A	RH15	783310015420	Flexible Hose 15' x 1-1/2" (4.57 m x 38.1 mm)
A	RH25	783310015437	Flexible Hose 25' x 1-1/2" (7.62 m x 38.1 mm)

## Li'l Fisher® 390 Power Fishing System

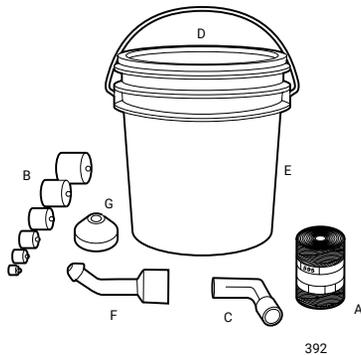


### SPECIFICATIONS

Capacity	1/2"-2" conduit with optional Accessory Kit (2-1/2"-4" with optional foam pistons)
Liquid Capacity	1.75 gal. (6.5 l)
Power Source	120 VAC, 1/2 H.P.
Weight	19 lb (8.6 kg)
Air Flow	101.2 cfm (2.83 cMm)
Suction	137.1" (3482 mm) water lift

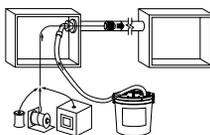
CAT. NO.	UPC NO.	DESCRIPTION
390	783310385943	Li'l Fisher® Vacuum/Blower Power Fishing System – Includes only unit and 38624 hose
<b>A</b> 392	783310390510	Power Fishing System Accessory Kit– Includes all items below

### 392 / 39051 ACCESSORY KIT INCLUDES:

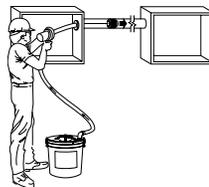


KEY	CAT. NO.	UPC NO.	DESCRIPTION	QTY
A	595	783310324331	Fish Line – 85 lb (378 N) pulling strength; 2,150' (655 m) long	1
B	608	783310110385	Piston for 1/2" Conduit	1
B	609	783310110392	Piston for 3/4" Conduit	1
B	610	783310110408	Piston for 1" Conduit	1
B	611	783310110415	Piston for 1-1/4" Conduit	1
B	612	783310110422	Piston for 1-1/2" Conduit	1
B	613	783310165118	Piston for 2" Conduit	1
C	23360	783310233602	Adapter Nozzle for Measuring Tape	1
D	39063G	783310390633	Accessory Container Lid	1
E	54284	783310542841	Accessory Container	1
F	25646	783310256465	1/2"-1" Cone adapter	1
G	25644	783310256441	1-1/4"-2-1/2" Cone adapter	1

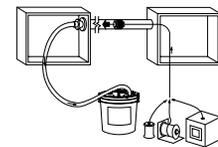
\*See page 197 for replacement pistons



Blowing a piston through conduit using 390 Li'l Fisher® Power Fishing System. Can be used with fish line, poly line or measuring tape.



Blowing a piston through conduit using 390 Li'l Fisher® Power Fishing System using 691 Blow Gun with 595 Mighty Mouser® Fish Line.



Vacuuming a piston through conduit using 390 Li'l Fisher® Power Fishing System. Can be used with fish line, poly line or measuring tape.



591

## Mighty Mouser® Portable Blower Power Fishing System

- Powerful, will blow line or measuring tape in up to 6" conduit
- Portable, lightweight blower has shoulder strap to make it easy to carry and allow the operator to have both hands free
- Efficient, includes the Mighty Mouser® blow gun for fast, easy line blowing

### SPECIFICATIONS

Capacity	1/2" – 4" Conduit (5" and 6" with optional foam pistons)
Power Source	120 VAC 20 Amp
Weight	34 lb (15.2 kg)

CAT. NO.	UPC NO.	DESCRIPTION
591	783310324324	Portable Blower Power Fishing System
A 618	783310165170	Piston for 5" Conduit
A 619	783310169512	Piston for 6" Conduit
A 16646	783310166467	Adapter for 5" – 6" conduit

\*See next page for parts list.



592

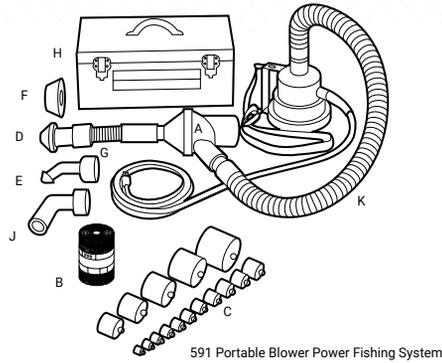
## Mighty Mouser® Blow Gun Kit

- This compact, self-contained Lexan® thermoplastic blow gun holds a 2,150' (655 m) package of 85 lb (378 N) breaking strength fish line
- Compact self-contained unit leaves one hand free for more efficient operation
- Mighty Mouser® Blow Gun and Accessories all fit into a compact sturdy metal case

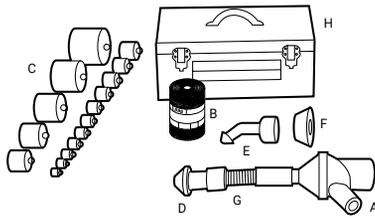
### SPECIFICATIONS

Capacity	1/2"- 4" conduit, through 6" with additional optional accessories
Power Source	Use with blower power fishing systems
Weight	592: 20 lb (9 kg) 691: 1.7 lb (0.8 kg)

CAT. NO.	UPC NO.	DESCRIPTION
592	783310325659	Mighty Mouser® Blow Gun Kit for 1/2" – 4" Conduit in metal box
R 691	783310320951	Mighty Mouser Blow Gun (only)
A 595	783310324331	Fish Line – 85 lb (378 N) pulling strength; 2,150' (655 m) long
A 618	783310165170	Piston for 5" Conduit
A 619	783310169512	Piston for 6" Conduit
A 16646	783310166467	Adapter for 5" – 6" conduit



591 Portable Blower Power Fishing System



592 Mighty Mouser® Blow Gun Kit

### Replacement Parts for Mighty Mouser® Models 591/592

KEY	CAT. NO.	UPC NO.	DESCRIPTION	592	591
R	A	691	Mighty Mouser® Blow Gun	X	X
A	B	595	Fish Line – 85 lb (378N) pulling strength; 2,150' (655 m) long	X	X
A	C	24779	Piston set for 1/2"-4" conduit (EMT & Rigid)	-	-
A	D	25644	Adapter Cone 1-1/4"-2-1/2" Conduit	X	X
A	E	25646	Adapter Cone 1/2"-1" Conduit	X	X
A	F	25645	Adapter Cone 3"-4" Conduit	-	X
R	G	32104	Flexible Hose 1-1/2" dia. x 1' (38.1 mm x 305 mm)	X	X
R	H	32662	Storage Box	X	X
R	J	23360	Adapter Nozzle for Tape and Line	-	X
R	K	32431	Flexible Hose 1-1/2" x 4' (38.1 mm x 1.2 m)	-	X

### Conduit Pistons

- Use with power fishing systems to pull line through a conduit run quickly
- Flexible foam body clears out water and debris from conduit while creating an air-tight seal
- Color-coded end disk with embossed size markings for fast, easy selection
- Strong steel center rod with loops on both ends
- Pistons available for all types and sizes of conduit 1/2" through 6"



S2613

#### PISTON SETS

CAT. NO.	UPC NO.	DESCRIPTION
S2613	783310267775	1/2", 3/4", 1", 1-1/4", 1-1/2" and 2" EMT, IMC and Rigid
24779	783310247791	Piston set for 1/2"-4" conduit (EMT & Rigid)
34317	783310343172	2-1/2", 3", 3-1/2" and 4" EMT

#### INDIVIDUAL PISTONS

CAT. NO.	UPC NO.	QTY	CONDUIT SIZE	CONDUIT TYPE	COLOR
608-5	783310082637	5	1/2"	All	Green
608	783310110385	1	1/2"	All	Green
609-5	783310082644	5	3/4"	All	Green
609	783310110392	1	3/4"	All	Green
610-5	783310082651	5	1'	All	Green
610	783310110408	1	1'	All	Green
611-3	783310082668	3	1-1/4"	All	Green
611	783310110415	1	1-1/4"	All	Green
612-2	783310082675	2	1-1/2"	All	Green
612	783310110422	1	1-1/2"	All	Green
613	783310165118	1	2"	All	Green
614	783310165125	1	2-1/2"	IMC, Rigid	Green
621	783310191070	1	2-1/2"	EMT	Yellow
615	783310165132	1	3"	IMC, Rigid	Green
622	783310191094	1	3"	EMT	Yellow
616	783310165149	1	3-1/2"	IMC, Rigid	Green
646	783310243267	1	3-1/2"	EMT	Yellow
617	783310165156	1	4"	IMC, Rigid	Green
623	783310191100	1	4"	EMT	Yellow
618	783310165170	1	5"	All	Green
619	783310169512	1	6"	All	Green

## FISH LINE



595

### Lightweight Fish Line

- Strong, lightweight nylon
- Specially wound to payout fast from outside without tangles
- Mildew-resistant, can be pulled into the run with the wire to provide a means to add wires later
- 595 is designed to be used with the Mighty Mouser® blow gun

CAT. NO.	UPC NO.	STRENGTH		LENGTH	
		LB	N	FT	M
595	783310324331	85	378	2150	655
604	783310233688	85	378	2200	670
605	783310165040	45	200	2750	838
606	783310165057	72	320	1700	517
607	783310165064	90	400	1350	411



430

430-500 Poly Line

### Poly Line

- Pre-punched lid with resalable cap allows use directly from container
- Use with power fishing systems directly from the container
- Rot and mildew resistant line reduces tangling when dispensing
- Handy reusable plastic dispenser pail with handle keeps the line dry
- Use to pull rope through conduit

CAT. NO.	UPC NO.	TRACER COLOR	STRENGTH		LENGTH	
			LB	N	FT	M
430	783310214816	Green	210	934	6500	1981
430-500	783310125983	Green	210	934	500	152
431	783310214823	Yellow	240	1067	5200	1585
37959	783310379591	-	500	2224	2200	670

### Polyester Measuring Tape and Dispenser

- Fish and measure conduit runs in one operation
- Permanently printed measurements every foot from zero to 3000' (914 m)
- Made of strong, waterproof polyester
- Pay-out dispenser has anti-skid pads, handle and built-in cutter

#### SPECIFICATIONS

Size	3000' (914 m)
Capacity	170 lb (756 kN) average breaking strength
Weight	435: 4.4 lb (2.0 kg), 434: 3.5 lb (1.6 kg)



435 Measuring Tape shown on 434 Dispenser – sold separately



CAT. NO.	UPC NO.	DESCRIPTION
435	783310215622	Conduit Measuring Tape 3/16" × 3000' (4.8 mm × 914 m)
434	783310218753	Pay-Out Dispenser for 435 Conduit Measuring Tape



## High-Strength Conduit Measuring Tape

- Pull small cables or install pull rope for large cable pulling jobs
- Made of Polyaramid (similar to Kevlar®), will not rot or deteriorate and can be left in ducts indefinitely for future use
- Low stretch properties make measurements accurate
- Printed measurements every foot from zero to 3000' (914 m)
- Use 406 Dispenser (see page 513)

### SPECIFICATIONS

	39243G	39244	39245G
Average Breaking Strength	1250 lb (5.56 kN)	1800 lb (8.01 kN)	2500 lb (11.12 kN)
Length	3000' (914 m)	3000' (914 m)	3000' (914 m)
Weight	10.5 lb (4.8 kg)	14.5 lb (6.6 kg)	18 lb (8.2 kg)

CAT. NO.	UPC NO.	DESCRIPTION
39243G	783310392439	Conduit Measuring Tape 1/4" x 3000' (6.4 mm x 914 m)
39244	783310392446	Conduit Measuring Tape 3/8" x 3000' (9.5 mm x 914 m)
39245G	783310392453	Conduit Measuring Tape 1/2" x 3000' (12.7 mm x 914 m)



4436

## High-Strength, Low-Friction Conduit Measuring Tape

- Durable and stretch-resistant tape for easily pulling and installing wire and fiber optic cables within PVC and HDPE ducts
- Factory-lubricated to reduce burn-through in inner duct
- Easy-to-read footage markings for quick and accurate measurements
- Available in various tensile strengths for use in any application

### SPECIFICATIONS

	4435	4436	4437
Average Breaking Strength	1250 lb (5.56 kN)	1800 lb (8.01 kN)	2500 lb (11.12 kN)
Length	3000' (914 m)	3000' (914 m)	3000' (914 m)
Weight	23.6 lb (10.7 kg)	31.2 lb (14.2 kg)	39.4 lb (17.9 kg)



CAT. NO.	UPC NO.	DESCRIPTION
4435	783310104452	Polyester Measure/Pulling Tape 1/2" x 3,000' (12.7 mm x 914 m)
4436	783310104469	Polyester Measure/Pulling Tape 5/8" x 3,000' (15.9 mm x 914 m)
4437	783310104476	Polyester Measure/Pulling Tape 3/4" x 3,000' (19.1 mm x 914 m)

Kevlar is a registered trademark of E. I. DuPont, Inc.  
Lexan is a registered trademark of SABIC Innovative Plastics IP B.V.



**GREENLEE**

**GREENLEE**



**WARNING**  
This safety device is intended for use with...  
Do not use this device on pipes that are...  
Do not use this device on pipes that are...

# PULLING



From simple straight-shot pulls to pulls with multiple bends and offsets, Greenlee cable pulling equipment can help save you time, increase your efficiency and more safely pull cable where you need it to be.

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# CABLE PULLER – SELECTION GUIDE



CAT. NO.	DESCRIPTION	PULLING FORCE			WEIGHT	SPEED									POWER	REQUIRED ROPE
		CONT.	MAX.			NO LOAD	500 LB	800 LB	1000 LB	2000 LB	4000 LB	5000 LB	6000 LB	8000 LB		
UT10-2S	Ultra Tugger® 10 (UT10) Cable Puller	6500 lb	10000 lb	86 lb (puller only)	16 fpm	-	-	-	14.0 fpm	12.0 fpm	-	7.0 fpm	6.0 fpm	1-1/2" HP electric	7/8" double braid	
08000	Ultra Tugger® 8 Power Cable Puller	6500 lb	8000 lb	86 lb (puller only)	9 fpm	-	-	-	8.0 fpm	7.5 fpm	-	7.0 fpm	6.0 fpm	1-1/2" HP electric	7/8" double braid	
6001	Power Cable Puller	4500 lb	6500 lb	108 lb (puller only)	16.5 fpm	-	-	-	11.0 fpm	7.5 fpm	6.0 fpm	-	-	1-1/2" HP electric	3/4" double braid	
G6	G6 Turbo™ 6000 lb Cable Puller	4000 lb	6000 lb	252 lb (with boom)	90 fpm	63 fpm	-	21 fpm	19 fpm	8 fpm	8 fpm	-	-	1-1/2" HP electric	3/4" double braid	
G3	G3 Tugger®	1200 lb	2000 lb	123 lb (with boom)	97 fpm	59.0 fpm	-	36.0 fpm	-	-	-	-	-	1" HP electric	1/2" double braid	

Weights are approximate.



## Ultra Cable Feeder™

- One person set-up and operation
- Accommodates cable ranging in size up to 3.5" (88.9 mm) in diameter
- Feeds cable at variable speeds to match the speed of cable puller
- Tires for improved traction with low friction cable
- Two cable loading methods: Top-loading and End-loading
- Available with pendant and toggle switch

### SPECIFICATIONS

<b>Power Supply</b>	115 VAC, 15 amps, 60 Hz 230 VAC, 8 amps, 50/0 Hz
<b>Speed</b>	4-36 feet per minute (1.2-11 meters per minute)
<b>Maximum Tractive Force</b>	Single Cable: 200 lb (.9 kN) All Cables: 800 lb (3.5 kN)
<b>Cable Capacity</b>	(Quantity / Size) 8 x 250 MCM (120 mm <sup>2</sup> ) 6 x 500 MCM (240 mm <sup>2</sup> ) 5 x 750 MCM (300 mm <sup>2</sup> )
<b>Reel Weight Capacity</b>	25,000 lb total (11,300 kg)
<b>Size</b>	41" L x 27.5" W x 37.5" H (1040 mm x 699 mm x 953 mm)
<b>Weight</b>	285 lb (130 kg)
<b>Tire Pressure</b>	50 psi (2.4 bar)

CAT. NO.	UPC NO.	DESCRIPTION
6810	783310055648	Ultra Cable Feeder™ with Hand Switch 120V
6810-22	783310122937	Ultra Cable Feeder™ with Hand Switch 220V
<b>R</b> 05645	783310056454	Tee (included)
<b>A</b> 19233	783310192336	Tire Kit Upgrade

# ULTRA TUGGER® 10

## 10,000 LB CABLE PULLER



**On-Board Storage**  
Keep the disassembled boom stored on the unit



**Hand Crank**  
Provides assistance when lifting heavy loads with the boom



**Handle**  
Easily push the unit on the job site



**Quick-Disconnect System**  
Allows for 360° of adjustments for the elbow and nose

**Extendable Boom**  
Boom can extend up to 20'



**Built-In Storage**  
Store adapters for 2" – 5" conduit

**Solid wheels**  
Eliminate the risk of getting a flat

**Additional Mounting Options**  
Floor mount and chain mount are also available for the UT10

**Swivel Casters**  
Easily navigate through rough terrain on the construction site

6906A

# ULTRA TUGGER® 10 PACKAGE COMPONENTS

## SPECIFICATIONS

<b>Pulling Force</b>	Maximum: 10,000 lb (44.48 kN) Continuous: 6,500 lb (28.9 kN)	
<b>Dimensions</b>	Length: 11.5" (292 mm) Width: 26" (660 mm)	
<b>Height</b>	120V models: 6.75" (172 mm) 220V models: 10.0" (254 mm)	
<b>Weight</b>	86 lb (39 kg) (Puller only)	
<b>Pulling Speed – Feet (Meters) Per Minute</b>	No Load: 16 fpm/min (4.88 mpm) At 2000 lb (0.9 kN): 14 fpm (4.27 mpm) At 4000 lb (1.8 kN): 12 fpm (3.66 mpm)	At 6000 lb (2.7 kN): 7 fpm (2.13 mpm) At 8000 lb (3.6 kN): 6 fpm (1.8 mpm)
<b>Drive Motor</b>	1-1/2 HP (1.1 kW)	
<b>Power Requirements</b>	UT10-2S, UT10-22, 6900, 6900-22, 6901, 6901-22, 6906, 6906-22, 6706A	
<b>Required Rope</b>	7/8" diameter (22.2 mm); Double-Braided Polyester Composite – Rated at 32,000 lb (142 kN) minimum breaking strength	

## KIT OPTIONS

### PRODUCTS INCLUDED

CAT. NO.	UPC NO.	DESCRIPTION	UT10 KITS				MOBILE VERSIBOOM II KITS	
			6900	6901	6906	6906A	MVB	MVB-A
<b>B</b> UT10-2S	783310055280	Puller Assembly (UT10)	X	X	X	X	-	-
00865	783310008651	Mount Assy-Floor	X	-	-	-	-	-
02846	783310028468	Chain Mount Ass'y-Pkgd	-	X	-	-	-	-
MVB	783310005537	Mobile VersiBoom™ II	-	-	X	-	X	-
MVB-A	783310086635	Mobile VersiBoom™ II and 6 Adapters	-	-	-	X	-	X
<b>R</b> 00561	783310005612	3' Boom	-	-	X	X	X	X
<b>R</b> 00560	783310005605	4' Boom	-	-	X	X	X	X
<b>R</b> 00563	783310005636	Adapter Weldment, 2"	-	-	-	X	-	X
<b>R</b> 00564	783310005643	Adapter Weldment, 2-1/2"	-	-	X	X	X	X
<b>R</b> 00565	783310005650	Adapter Weldment, 3"	-	-	X	X	X	X
<b>R</b> 00566	783310005667	Adapter Weldment, 3-1/2"	-	-	-	X	-	X
<b>R</b> 00567	783310005674	Adapter Weldment, 4"	-	-	X	X	X	X
<b>R</b> 00610	783310006107	Adapter Weldment, 5"	-	-	-	X	-	X
<b>A</b> 00583	783310005834	Adapter Assembly, 2" Screw-On	-	-	-	-	-	-
<b>A</b> 00584	783310005841	Adapter Assembly, 2-1/2" Screw-On	-	-	-	-	-	-
<b>A</b> 00585	783310005858	Adapter Assembly, 3" Screw-On	-	-	-	-	-	-
<b>A</b> 00586	783310005865	Adapter Assembly, 3-1/2" Screw-On	-	-	-	-	-	-
<b>A</b> 00587	783310005872	Adapter Assembly, 4" Screw-On	-	-	-	-	-	-

CAT NO.	UPC NO.	DESCRIPTION
<b>N</b> 6906A	783310086642	UT10-2S Package with Mobile VersiBoom™ II and 6 Adapters
6906	783310003595	UT10-2S Package with Mobile VersiBoom™ II
6906-22	783310008125	UT10-22 (220 V) Package with Mobile VersiBoom™ II
6900	783310003571	UT10-2S Package with Floor mount
6900-22	783310008149	UT10-22 (220 V) Package with Floor mount
6901	783310003588	UT10-2S Package with Chain mount
6901-22	783310008132	UT10-22 (220 V) Package with Chain mount
UT10-2S	783310055280	Puller Assembly
UT10-22	783310008293	(220 V) Puller Assembly
<b>A</b> FG01	783310060703	Small Part
<b>R</b> 00464	783310004646	Foot switch

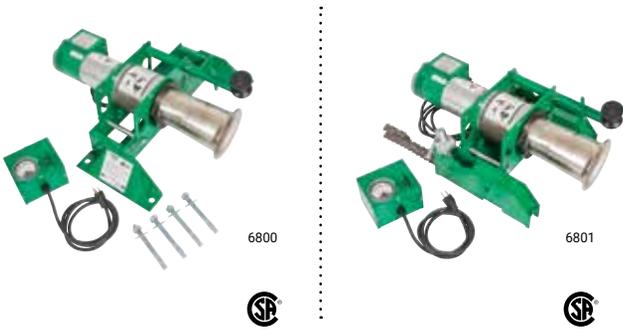


## Ultra Tugger® 8 (UT8) Cable Puller: 8000 lb (35.8kN) rated

- 8,000 (35.8 kN) lb pulling force to handle most pulling jobs
- Available with Mobile VersiBoom™ for less than 2 minute, one person set-up, & 20' tall
- Available with floor mount & chain mount for tighter spaces

### SPECIFICATIONS

<b>Pulling Force</b>	Maximum: 8,000 lb (35.8 kN) Continuous: 6,500 lb (28.9 kN)
<b>Dimensions</b>	Length: 11.5" (292 mm) Width: 26" (660 mm)
<b>Height</b>	120V models: 6.75" (172 mm) 220V models: 10.0" (254 mm)
<b>Weight</b>	86 lb (39 kg) (08000 only)
<b>Pulling Speed – Feet (Meters) Per Minute</b>	No Load: 9 fpm (2.7 mpm) At 2000 lb (0.9 kN): 8 fpm (2.4 mpm) At 4000 lb (1.8 kN): 7.5 fpm (2.3 mpm) At 6000 lb (2.7 kN): 7 fpm (2.1 mpm) At 8000 lb (3.6 kN): 6 fpm (1.8 mpm)
<b>Drive Motor</b>	1-1/2 HP (1.1 kW)
<b>Power Requirements</b>	8000, 6800, 6801 = 120 VAC 60Hz 20A UT8-22, 6800-22 = 220 VAC 50Hz
<b>Required Rope:</b>	7/8" diameter (22.2 mm); Double-Braided Polyester Composite – Rated at 32,000 lb (142 kN) minimum breaking strength



CAT. NO.	UPC NO.	DESCRIPTION
6800	783310009856	Ultra Tugger® 8 Cable Puller with Standard Force Gauge, and Floor Mount
6800-22	783310031963	Same as 6800, except 220 VAC 50 Hz
6801	783310009863	Ultra Tugger® 8 Cable Puller with Standard Force Gauge, and Conduit Chain Mount
6806	783310003625	UT8 Package with Mobile VersiBoom™ II
6806-22	783310003694	UT8-22 (220 V) Package with Mobile VersiBoom™ II
B 08000	783310080008	Cable Puller (6800)
A FG01	783310060703	Smart Pull
A 34136G	783310341369	Pull Rope 7/8" x 300' (22.2 mm x 91 m)
A 34137	783310341376	Pull Rope 7/8" x 600' (22.2 mm x 182 m)
A 34138	783310341383	Pull Rope 7/8" x 1,200' (22.2 mm x 365 m)
A 444	783310018742	Foot Switch Unit (UT8)

**NOTE:** Properly rated rope is critical to cable pulling. See page 225 for rope selection by rating.

CAT. NO.	UPC NO.	DESCRIPTION	6800	6801	6806
08000	783310080008	Cable Puller (6800)	X	X	X
00865	783310008651	Mount Assy-Floor	X	-	-
02846	783310028468	Chain Mount Ass'y-Pkgd	-	X	-
MVB	783310005537	Mobile VersiBoom™	-	-	X



Mobile VersiBoom™ II shown with Ultra Tugger® 10, sold separately.

## Mobile VersiBoom™ II

### Quick Set-Up

- One person set-up in less than 2 minutes

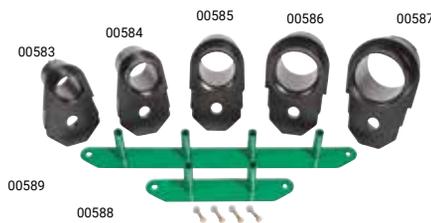
### Versatile

- Can be extended up to 20'
- Use with one 3' boom for tighter spaces
- Use with 2"–5" slip-on adapters and 2"–4" threaded adapters
- Easy to store and transport
- Can be folded up in less than 2 minutes and can be stored on the back of a pick-up truck
- Fully contained unit

### SPECIFICATIONS

Weight	322 lb (146.06 kg)
Length	47" (1193.8mm)
Width	42" (1066.8 mm)
Height	48" (1219.19 mm)

CAT. NO.	UPC NO.	DESCRIPTION
<b>A</b> MVB-A	783310086635	Mobile VersiBoom™ II and 6 Adapters
<b>A</b> MVB	783310005537	Mobile VersiBoom™ II



## Mobile VersiBoom™ II Components/Accessories

CAT. NO.	UPC NO.	DESCRIPTION	SHIPS WITH MVB II	MVB-A
<b>R</b> 00471	783310004714	Coupling Hanger Kit	–	–
<b>R</b> 00563	783310005636	Adapter Weldment, 2" (UT8)	–	X
<b>R</b> 00564	783310005643	Adapter Weldment, 2-1/2"	X	X
<b>R</b> 00565	783310005650	Adapter Weldment, 3" (UT8)	X	X
<b>R</b> 00566	783310005667	Adapter Weldment, 3-1/2"		X
<b>R</b> 00567	783310005674	Adapter Weldment, 4" (UT8)	X	X
<b>R</b> 00610	783310006107	Adapter Weldment, 5" (UT8)	–	X
<b>A</b> 00583	783310005834	Adapter Assembly, 2" Screw-On	–	–
<b>A</b> 00584	783310005841	Adapter Assembly, 2-1/2" Screw-On	–	–
<b>A</b> 00585	783310005858	Adapter Assembly, 3" Screw-On	–	–
<b>A</b> 00586	783310005865	Adapter Assembly, 3-1/2" Screw-On	–	–
<b>A</b> 00587	783310005872	Adapter Assembly, 4" Screw-On	–	–
<b>R</b> 00588	783310005889	Hanger Weldment, Short	X	X
<b>R</b> 00589	783310005896	Hanger Weldment, Long	X	X
<b>R</b> 00590	783310005902	Screw On Coupling Kit	–	–
<b>R</b> 00561	783310005612	3' Boom	X	X
<b>R</b> 00560	783310005605	4' Boom	X	X

**NOTE:** Properly rated rope is critical to cable pulling. See page 225 for rope selection by rating.



6001



NRTL/C

## Super-Tugger® Cable Puller: 6500 lb (28.9 kN) rated

- Pull up to 6,500 lb (28.9 kN) with less than 27 lb (120 N) of operator effort
- Unique floor mounting attachment for quick, reliable setup
- Leaf-type mounting chains won't twist when tightening
- Heat-treated steel serrated gripper feet for secure mounting to conduit
- Right-angle sheave allows the operator to stand out of the direct line of force
- Audio alarm high force warning and circuit breaker shut off at maximum force for added safety
- Tapered capstan and patented rope guidance system for better control of the rope when feeding onto the capstan

### SPECIFICATIONS:

<b>Pulling Force</b>	Maximum: 6,500 lb (28.9 kN) Continuous: 4,500 lb (20 kN)
<b>Dimensions</b>	Length: 20-3/4" (527 mm) Width: 22-1/2" (572 mm) Height: 12" (305 mm)
<b>Weight</b>	6001, 6001-22: 108 lb (49 kg) 6003: 454 lb (206 kg) 6000, 6000-22: 550 lb (250 kg) 6006, 6006-22: 612 lb (278 kg)
<b>Pulling Speed – Feet (Meters) Per Minute:</b>	No Load: 16.5 (5) At 2000 lb: (8.8 kN) – 11 (3.4) At 4000 lb: (17.9 kN) – 7.5 (2.3) At 6000 lb: (26.7 kN) – 6 (1.8)
<b>Drive Motor</b>	1-1/2 HP (1.1 kW)
<b>Power Requirements</b>	6001, 6004, 6005: 120 VAC 16Hz 20A 6001-22: 220 VAC 50Hz
<b>Required Rope</b>	3/4" (19.1 mm) Double-Braided Composite – Rated at 26,000 lb (115.6 kN)



6005



6004



CAT. NO.	UPC NO.	DESCRIPTION
6001	783310296270	Super Tugger Cable Puller Power Unit, Includes force gauge and vise chains
6001-22	783310314660	Same as 6001 except 220 VAC 50 HZ
6004	783310563587	Super Tugger Complete Puller Package, Includes 6001 Super Tugger, Floor Mount, Mobile Carriage, Boom Mount, 4' Boom Tube, Nose Unit, 2 1/2", 3", 3 1/2", 4" Slip-in and Screw-On Couplings & Storage Trays
6005	783310563594	Super Tugger Complete Puller Package, Includes 6001 Super Tugger, Floor Mount, Mobile Carriage, Boom Mount, 4' Boom Tube, Nose Unit, 3' Boom Tube, Elbow Unit, 2 1/2", 3", 3 1/2", 4" Slip-in and Screw-On Couplings and Storage Trays
A 35098	783310350989	Double-Braided Composite Rope 3/4" x 300' (19.1 mm x 91 m)
A 35100	783310351009	Double-Braided Composite Rope 3/4" x 600' (19.1 mm x 182 m)
A 35101	783310351016	Double-Braided Composite Rope 3/4" x 1,200' (19.1 mm x 365 m)
A 3048	783310233626	Storage Box
A 11147	783310111474	Ultra Tugger® 640/6001 Adapter Package Includes wheeled carriage, 4 ft (1.2 m) boom, boom adapter, nose unit, 2-1/2", 3" and 4" slip-in couplings and 2", 3" and 4" screw-on couplings



11147

## 11147 Super-Tugger® 6001 Adapter Package

- Adapt 6001 Super-Tugger to Super-Tugger® with Wheeled Carriage and Boom for faster and easier cable puller setups
- Wheeled carriage and boom provides fast setup with no anchors to set or chains to mount
- Boom uses 3" rigid steel conduit for easy length adjustment to pull 10 feet (3m) of cable out of the box fast and easy
- Optional Elbow Unit and Boom available to reach into manholes or pull up to 20 feet (6 m) of cable out of the box

### SPECIFICATIONS:

Weight	198 lb (90 kg)
Length	91-1/2" (232 cm)
Width	27" (69 cm)
Height	38-1/2" (98 cm)
Use With	Greenlee 6001 Cable Pullers
Load Rating	6500 lb (28.9 kN)

CAT. NO.	UPC NO.	DESCRIPTION
11147	783310111474	Super-Tugger® 640/6001 Adapter Package Includes wheeled carriage, 4 ft (1.2 m) boom, boom adapter, nose unit, 2-1/2", 3" and 4" slip-in couplings and 2", 3" and 4" screw-on couplings

**NOTE:** Properly rated rope is critical to cable pulling. See page 225 for rope selection by rating.

## Package Components

CAT. NO.	UPC NO.	DESCRIPTION	SUPER-TUGGER – 6,500 LB			
			110 VAC			
			6001	6004	6005	11147
6001	783310296270	Cable Puller w/Force Gauge 120 VAC, 60 Hz	X	X	X	-
6037	783310356059	Floor Mount	-	X	X	-
29631	783310296317	Vise Chains	X	X	X	-
11145	783310111450	Boom Mount	-	X	X	X
00791	783310007913	4' (1.2 m) Boom Tube	-	X	X	X
00864	783310008644	Nose Unit	-	X	X	X
00863	783310008637	Elbow Unit	-	-	X	X
00835	783310008354	3' (.9 m) Boom Tube	-	-	X	-
03661	783310036616	2" Screw-On Coupling	-	-	-	X
00781	783310007814	2-1/2" Screw-On Coupling	-	X	X	-
00782	783310007821	3" Screw-On Coupling	-	X	X	X
00783	783310007838	3-1/2" Screw-On Coupling	-	X	X	-
00784	783310007845	4" Screw-On Coupling	-	X	X	X
00799	783310007999	Adapter for Screw-On Coupling	-	X	X	-
00804	783310008040	2-1/2" Slip-In Coupling	-	X	X	X
00811	783310008118	3" Slip-In Coupling	-	X	X	X
00815	783310008156	3-1/2" Slip-In Coupling	-	X	X	-
00820	783310008200	4" Slip-In Coupling	-	X	X	X
11152	783310111528	Storage Trays (2)	-	X	X	X
8012	783310008729	12" Hook Sheave	-	-	-	-

# G6 TURBO™ 6,000 LB TUGGER

## HANDS DOWN FASTER. PERIOD.



**No Loose Pieces**  
Allowing quick changeover for easy transport

**Ergonomic Design**  
Eliminates heavy lifting during setup

**Dual Capstans**  
Increase pulling speeds and maximize efficiency

**Built-In Dolly**  
Fast and easy transport

**Patent-Pending Adjustable Clamp**  
Secures conduit in seconds without any adapters

**Circuit Breaker Monitor**  
Auto shutoff and extends motor life

**Two-Speed Motor**  
Specially designed for 6,000 lb load

**Force Indicator**  
Also helps prevent damage to puller

**G6 Floor Mount**  
Provides ultimate flexibility during a pull in hard to reach areas by allowing for custom set-ups that can create longer tail lengths

G6

08632



### SPECIFICATIONS

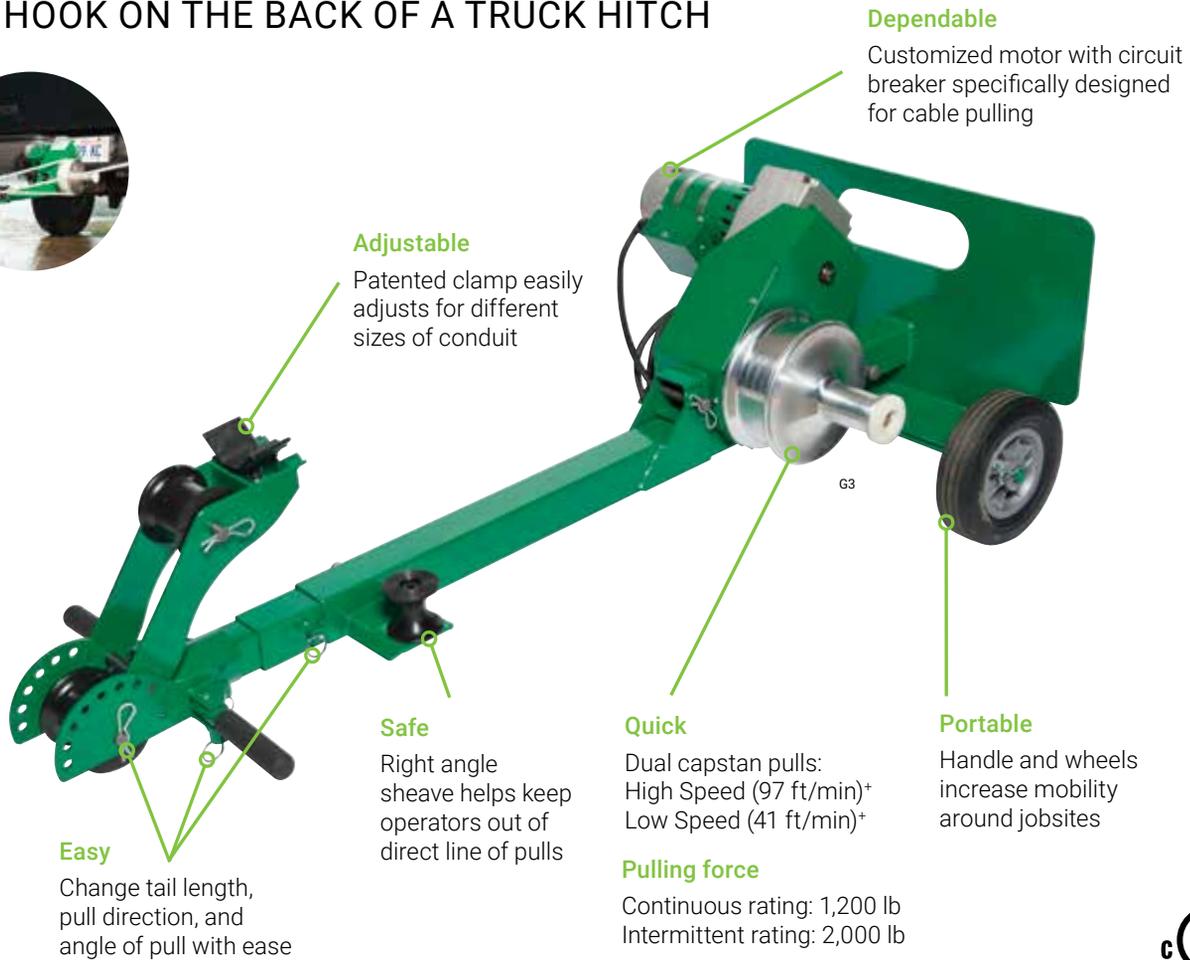
<b>Pulling Force</b>	4,000 lb (17.800 kN) Continuous 5,000 lb (22.200 kN) Intermittent 6,000 lb (26.700 kN) Momentary
<b>Rope Size</b>	3/4" (19.100 mm) Double-Braided Composite, Rated at 26,000 lb (115.600 kN)
<b>Drive Motor</b>	120V VAC, 50/60 Hz, 12 Amps
<b>NoLoad Main Capstan Speed</b>	High Speed 28 ft/min (8.53 m/min) Low Speed 11 ft/min (3.35 m/min)
<b>No Load Secondary Capstan Speed</b>	High Speed 90 ft/min (27.43 m/min) Low Speed 35 ft/min (10.70 m/min)
<b>Standard Boom Extension</b>	7.5' (2.29 m)
<b>Weight</b>	252 lb (114 kg)

Includes a force indicator and foot switch

CAT. NO.	UPC NO.	DESCRIPTION
G6	783310069546	G6 Turbo™ 6,000-pound Puller with Boom/Dolly Mount
 G6-F	783310086314	G6 Turbo™ 6,000-pound Puller with Floor Mount
 08632	783310086321	Floor Mount Assembly for G6 Turbo™

# G3 TUGGER™ CABLE PULLER

CAN HOOK ON THE BACK OF A TRUCK HITCH



**Dependable**

Customized motor with circuit breaker specifically designed for cable pulling

**Adjustable**

Patented clamp easily adjusts for different sizes of conduit

**Safe**

Right angle sheave helps keep operators out of direct line of pulls

**Quick**

Dual capstan pulls:  
High Speed (97 ft/min)<sup>†</sup>  
Low Speed (41 ft/min)<sup>†</sup>

**Portable**

Handle and wheels increase mobility around jobsites

**Easy**

Change tail length, pull direction, and angle of pull with ease

**Pulling force**

Continuous rating: 1,200 lb  
Intermittent rating: 2,000 lb



**SPECIFICATIONS**

<b>Pulling Force</b>	Continuous rating – 1,200 lb Intermittent rating – 2,000 lb
<b>Drive Motor</b>	120 VAC, 50/60 Hz, 12 Amps
<b>Weight</b>	123 lb
<b>Pulling Speeds</b>	High Speed Capstan – No Load: 97 ft/min 500 lb Load (227 kg) 59 ft/min 1,000 lb Load (455 kg) 36 ft/min Low Speed Capstan – No Load: 41 ft/min 1,000 lb Load (455 kg) 21 ft/min 2,000 lb Load (909 kg) 13 ft/min
<b>Rope</b>	1/2" polyester (10,000 lb minimum breaking strength)
<b>Conduit Size</b>	1" or larger
<b>Pulling Capabilities</b>	3 x 500 kcmil cable 500' with 2 x 90° bends 3 x 500 kcmil cable 250' with 4 x 90° bends 8 x 4/0 AWG cable 300' with 3 x 90° bends

- 3X faster set-up than competition – no loose pieces<sup>†</sup>
- 20% faster than competition<sup>†</sup>
- 25% stronger than competition<sup>†</sup>

CAT. NO.	UPC NO.	DESCRIPTION
G3	783310009054	G3 Tugger®

<sup>†</sup>When compared to competitive models

# G-SERIES SMART PULL

## MONITOR YOUR CABLE PULL



### 5-Roller Design

Simply lay down rope, replace rollers and start pulling

### Touch Screen LCD Display

Real time force, speed and distance display

Alerts user with flashing colored background

### Cam-Locking Pin

Easily insert and remove rope with removable roller and retained pin

### Compatibility

Use with existing G6 Turbo™, UT10/UT8 Mobile VersiBoom™ II, floor mount and chain mount

### Skeletal Frame

Reduces weight for ease of handling

### Makita® Battery Platform

Up to 20 hours of battery life with 5Ah battery

### Monitor Using Mobile App

Wireless platform with Bluetooth® file transfer  
Transfer file from PullCalc App

### USB Download

For easy data retrieval  
128MB of on-board memory

### Roll Cage Handles

Sturdy steel handles protect the electronics  
Easy to carry

- Instant early warning alert allows contractor to take timely action, avoiding rework
- Reduce liability by recording information with accuracy of ensuring a healthy pull and peace of mind for the contractor
- Wirelessly monitor force, speed and distance through the pull

## PULLCALC APP



### SPECIFICATIONS

Max Force	10,000 lb (44.48 kN)
Rope Size	Up to 7/8" diameter
Weight	34.2 lb
Length	25.5"

### SUGGESTED TOLERANCE

FG01 LOAD RANGE (LB)	TOLERANCE (LB)
0-1399	± 75
1400-2749	± 95
2750-5599	± 140
5600-10,000	± 235

CAT. NO.	UPC NO.	DESCRIPTION
FG01	783310060703	G-Series Smart Pull

## TUGGER ACCESSORIES



### Foot Switch for Cable Pullers

- Use with UT2™, 640, 6001, 6500 or 6800 cable pullers to add foot control

#### SPECIFICATIONS

Power Source	120 VAC
Weight	3.5 lb (1.6 kg)

CAT. NO.	UPC NO.	DESCRIPTION
A 444	783310018742	Foot Switch

## PULLING ACCESSORIES



### Hook Sheaves – 8,000 lb Capacity

- For use with UT8, UT5, 6001, UT4 and UT2™ cable pullers
- Strong, welded steel frames
- Forged steel closure type hooks with 1" (25.4 mm) opening
- All three sheaves are aluminum alloy with self-lubricating bearings

SHEAVE	8012		8018		8024	
DIAMETER	12" (304.8 mm)		18" (457.2 mm)		24" (609.6 mm)	
DESCRIPTION	CAT. NO.	UPC NO.	CAT. NO.	UPC NO.	CAT. NO.	UPC NO.
Roll Pin	50700	783310507000	50700	783310507000	50700	783310507000
Sheave Pin	00838	783310008385	00838	783310008385	00838	783310008385
Sheave Unit	00843	783310008439	00844	783310008446	00845	783310008453
Yoke Frame	00854	783310008545	00856	783310008569	00856	783310008569

CAT. NO.	UPC NO.	OUTSIDE DIAMETER	INSIDE RADIUS	WIDTH	WEIGHT	MAXIMUM RATED CAPACITY
8012	783310008729	12" (304.8 mm)	3-7/8" (98.4 mm)	5" (127 mm)	28 lb (12.7 kg)	8,000 lb (35.8 kN)
8018	783310008736	18" (457.2 mm)	7" (177.8 mm)	6" (152.4 mm)	44 lb (19.9 kg)	8,000 lb (35.8 kN)
8024	783310008743	24" (609.6 mm)	9-7/8" (250.8 mm)	6-1/2" (165.1 mm)	67 lb (30.3 kg)	8,000 lb (35.8 kN)

## Hook-Type Sheaves – 4,000 lb Capacity

- Strong, welded steel frames
- Forged steel closure-type hooks with 1" (25.4 mm) opening
- 5" (127 mm) wide aluminum alloy sheaves with self-lubricating bearings
- Use with cable puller with maximum pulling force of 4,000 lb (17.8 kN) or less



### SPECIFICATIONS

Maximum Rated Capacity	4,000 lb (17.8 kN)
Weight	650: 8.8 lb (4 kg) 651: 15 lb (6.8 kg) 652: 25 lb (11.3 kg) 653: 35 lb (15.9 kg)

SHEAVE	650		651		652		653	
DIAMETER	6" (152.4 mm)		12" (304.8 mm)		18" (457.2 mm)		24" (609.6 mm)	
DESCRIPTION	CAT. NO.	UPC NO.	CAT. NO.	UPC NO.	CAT. NO.	UPC NO.	CAT. NO.	UPC NO.
Sheave Pin	16797	783310167976	16797	783310167976	16797	783310167976	16797	783310167976
Sheave	15362	783310153627	15362	783310153627	15363	783310153634	15364	783310153641
Sheave Bushing (2)	16798	783310167983	16798	783310167983	16798	783310167983	16798	783310167983
Yoke Frame	16800	783310168003	16800	783310168003	16802	783310168027	16802	783310168027

CAT. NO.	UPC NO.	DESCRIPTION
650	783310153245	6" (152.4 mm) dia. Hook Sheave with 1-1/2" (38.1 mm) min. radius
651	783310153252	12" (304.8 mm) dia. Hook Sheave with 3-5/16" (84.1 mm) min. radius
652	783310153269	18" (457.2 mm) dia. Hook Sheave with 7" (177.8 mm) min. radius
653	783310153276	24" (609.6 mm) dia. Hook Sheave with 9-13/16" (249.2 mm) min. radius



639

## Right-Angle Twin Yoke Sheave – 4,000 lb Capacity

- 9-13/16" (249 mm) minimum radius
- Strong welded steel yokes
- Forged steel closure type hook with 1" (25.4 mm) opening
- 5" (127 mm) wide aluminum alloy sheave with self-lubricating bearings
- Yokes rotate independently to fit various setups
- Use with any cable puller with maximum pulling force of 4,000 lb (17.8 kN) or less

### SPECIFICATIONS

Maximum Rated Capacity	4,000 lb (17.8 kN)
Weight	45 lb (20.4 kg)

SHEAVE	6039		
DESCRIPTION	CAT. NO.	UPC NO.	QTY
Sheave Pin	17266	783310172666	1
Sheave	15364	783310153641	1
Sheave Bushing (2)	16798	783310167983	2
Yoke Frame	17299	783310172994	2

CAT. NO.	UPC NO.	DESCRIPTION
639	783310172659	Right Angle Twin Yoke Sheave with 9-13/16" (249 mm) min. radius



## Conveyor Sheaves – 4,000 lb Capacity

- Aluminum frame with a series of sheaves to form a large radius
- Yokes with cast steel closure-type hooks with a 1" (25.4 mm) opening
- 5" (127 mm) wide aluminum alloy sheaves
- Use with any cable puller with maximum pulling force of 4,000 lb (17.8 kN) or less

### SPECIFICATIONS

Maximum Pulling Force	4,000 lb (17.8 kN)
Weight	4024: 54 lb (24.5 kg) 4036: 60 lb (27 kg) 4048: 83 lb (38 kg)

CAT. NO.	UPC NO.	DESCRIPTION
4024	783310263685	24" (609.6 mm) Conveyor Sheave with 6 sheave wheels
4036	783310263692	36" (914.4 mm) Conveyor Sheave with 8 sheave wheels
4048	783310263708	48" (1219 mm) Conveyor Sheave with 10 sheave wheels
 19185	783310191858	Yoke frame
 15362	783310153627	Sheave w/bearings
 19186	783310191865	Sheave Pin
 31573	783310315735	Sheave Pin



## Triple Sheave Cable Guide – 6,500 lb Capacity

- Adjustable center sheave for 19-1/2" (495 mm) or 36" (914 mm) radius
- Forged steel closure type hook with 1-1/2" (38.1 mm) opening
- Aluminum frames for light weight
- Steel yoke is pinned for easy removal
- 21-7/8" (555 mm) high, 24" (610 mm) long, 7-3/8" (187 mm) wide with 5" (127 mm) wide sheaves
- Use with any cable puller with maximum pulling force of 6,500 lb (28.9 kN) or less

### SPECIFICATIONS

Maximum Rated Capacity	6,500 lb (28.9 kN)
Weight	28 lb (12.7 kg)

CAT. NO.	UPC NO.	DESCRIPTION
6036	783310315698	Triple Sheave Cable Guide

SHEAVE	6036		
	DESCRIPTION	CAT. NO.	UPC NO.
Sheave Axle	31573	783310315735	3
Sheave Bolt Washer	51434	783310514343	6
Sheave Pin	29600	783310296003	1
Sheave Bushing	16798	783310167983	6
Sheave	15362	783310153627	3

Sheave Bolt is a 3/8"-24 x 3/4" hex head socket head cap screw (grade 5) and is available at most hardware stores.



## Feeding Sheaves

- Yoke frame slides into the end of conduit and holds sheave, allowing the cable being fed into the conduit to smoothly roll over the sheave
- 5" (127 mm) wide aluminum alloy sheave with self-lubricating bearings
- Split tube for easy removal after cable is installed
- See the Capacity Table (below)



CAT. NO.	UPC NO.	DESCRIPTION
441-2	783310301837	Feeding Sheave for 2" conduit
441-2-1/2	783310303589	Feeding Sheave for 2-1/2" conduit
441-3	783310301882	Feeding Sheave for 3" conduit
441-3-1/2	783310303633	Feeding Sheave for 3-1/2" conduit
441-4	783310303473	Feeding Sheave for 4" conduit
441-5	783310301936	Feeding Sheave for 5" conduit
441-6	783310134602	Feeding Sheave for 6" conduit

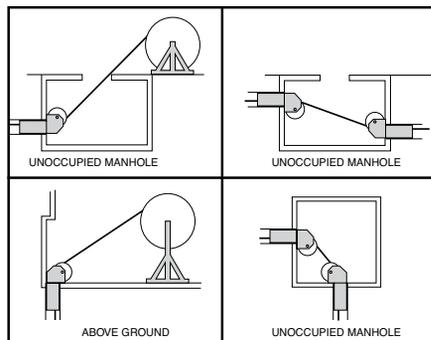
Weight	Width of Shaft Opening
441-2: 9 lb (4.5 kg)	441-2: 1.24"
441-2-1/2: 11 lb (5 kg)	441-2-1/2: 1.37"
441-3: 14 lb (6.4 kg)	441-3: 1.79"
441-3-1/2: 17 lb (7.7 kg)	441-3-1/2: 1.75"
441-4: 19 lb (8.6 kg)	441-4: 1.99"
441-5: 26 lb (11.8 kg)	441-5: 2.23"
441-6: 28 lb (12.7 kg)	441-6: 2.75"

SHEAVE	441-2		441-2-1/2		441-3	
DIAMETER	2" CONDUIT		2-1/2" CONDUIT		441-3	
DESCRIPTION	CAT. NO.	UPC NO.	CAT. NO.	UPC NO.	CAT. NO.	UPC NO.
Sheave Pin	25160	783310251606	25160	783310251606	25160	783310251606
Sheave	15362	783310153627	15362	783310153627	15362	783310153627

SHEAVE	441-3-1/2		441-4		441-5		441-6	
DIAMETER	3-1/2" CONDUIT		4" CONDUIT		5" CONDUIT		6" CONDUIT	
DESCRIPTION	CAT. NO.	UPC NO.	CAT. NO.	UPC NO.	CAT. NO.	UPC NO.	CAT. NO.	UPC NO.
Sheave Pin	25160	783310251606	25160	783310251606	25160	783310251606	25160	783310251606
Sheave	15362	783310153627	15362	783310153627	15362	783310153627	15362	783310153627

## CAPACITY TABLE

Angle of Pull	441-2	441-2-1/2	441-3	441-3-1/2	441-4	441-5
15°	1750 lb 7.7 kN	1900 lb 8.4 kN	6050 lb 26.9 kN	6500 lb 28.9 kN	6500 lb 28.9 kN	6500 lb 28.9 kN
30°	900 lb 4.0 kN	1000 lb 4.4 kN	3150 lb 14.0 kN	5050 lb 22.4 kN	6500 lb 28.9 kN	6500 lb 28.9 kN
45°	650 lb 2.8 kN	700 lb 3.1 kN	2200 lb 9.7 kN	3550 lb 15.7 kN	5200 lb 23.1 kN	6500 lb 28.9 kN
60°	500 lb 2.2 kN	550 lb 2.4 kN	1800 lb 8.0 kN	2900 lb 12.8 kN	4200 lb 18.6 kN	6000 lb 26.6 kN
75°	450 lb 2.0 kN	500 lb 2.2 kN	1600 lb 7.1 kN	2600 lb 11.5 kN	3650 lb 16.2 kN	5500 lb 24.4 kN
90°	450 lb 2.0 kN	500 lb 2.2 kN	1550 lb 6.8 kN	2500 lb 11.1 kN	3500 lb 15.5 kN	5250 lb 23.3 kN





6072

## Manhole Sheaves for UT2™, Tugger and Super Tugger®

- High-strength aluminum alloy frame for easy setup
- Adjustable, a full range of sheave pin positions over the frame length to accommodate most manhole setups
- 18" (457 mm) diameter aluminum alloy sheaves with 7" (178 mm) minimum radius and 5" (127 mm) width
- Self-lubricating bearings for easier cable pulling

### SPECIFICATIONS

Maximum Rated Capacity	6,500 lb (28.9 kN)
Weight	190 lb (86.2 kN)

CAT. NO.	UPC NO.	DESCRIPTION
6072	783310313953	12' (3.7 m) Manhole Sheave



488-2

## Nylon Cable Protector

- Fits in the end of conduit to shield the cable from sharp edges as it is being fed through
- Rugged nylon resists abrasion

### SPECIFICATIONS

Weight	488-2: 0.08 lb (36 g) 488-3: 0.2 lb (90 g)
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CAT. NO.	UPC NO.	DESCRIPTION
488-2	783310329282	Nylon Cable Protector for 2" and 2-1/2" conduit
488-3	783310329299	Nylon Cable Protector for 3" – 6" conduit



489

## Cable Guide

- Position where cables are being pulled over sharp edges

### SPECIFICATIONS

Weight	5 lb (227 g)
Size	13" L x 3-1/4" W x 12" radius

CAT. NO.	UPC NO.	DESCRIPTION
489	783310329305	Nylon Cable Guide



459

## Light Base Sheave

- Mounts directly to existing square light pole bolt patterns
- Slotted mounting holes fit a wide range of bolt circle sizes
- Tall enough to position sheave above most conduits
- Rugged welded steel base structure
- Allows user to install wires into outdoor light bases by pulling horizontally
- Also can be used to feed wires into vertical light base conduit

### SPECIFICATIONS

Overall Height	14-1/2" (368 mm)
Weight	18 lb (8.2 kg)
Bolt Circle Capability	7.8" (198 mm) to 14.8" (376 mm) diameter
Maximum Mounting	1" (25 mm) diameter at 7.8" (198 mm) bolt circle 1-1/2" (38 mm) at 14.8" (376 mm) bolt circle
Pulling Capacity	500 lb (227 kg)

CAT. NO.	UPC NO.	DESCRIPTION
459	783310898009	Light Base Sheave

# CABLE TRAY FEEDER & ACCESSORIES

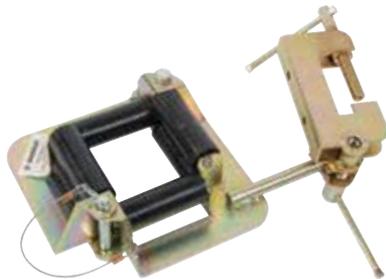
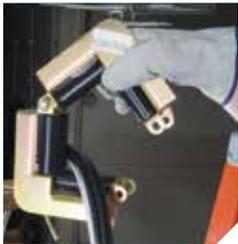


CTF-200

## CTF-200

- Quick clamping onto cable, can handle up to 2" (50.8 mm) in outer cable diameter
- 360° swivel pins to easily release cable from all sides with no loose pieces
- Designed specifically to handle electrical cable with 5 grooves to grab cable safely and evenly
- Pre set to aid up to 200 lb (90.7 kg) of force to prevent damage to the insulation of the cable
- Quickly adjust legs and feeder into position utilizing no loose pieces
- Control feeder up to 8' (2.4 m) away with pendant
- Quick set up utilizing a ratchet strap to securely mount to tray

CAT. NO.	UPC NO.	DESCRIPTION
CTF-200	783310036449	Cable Tray Feeder



CR25

## CR25

- Six nylon rollers provide smooth movement of cable and prevent cable damage
- Pull pin makes opening and closing to insert and remove cables a simple one step operation
- Adjustment clamp allows the CR25 to be swiveled and/or rotated into any position
- Heavy duty 12 gauge cold rolled steel construction for durability and zinc dichromate finish prevents corrosion
- Up to 20 network cables can be pulled at one time
- Easily attaches to wooden framing members using a lag bolt and the hole in the mounting bracket of the CR25
- May also be used with coax, NM, small size THHN, and similar cables

### SPECIFICATIONS

Roller Opening Size	3" (76 mm) square
Weight	2 lb (1 kg)

CAT. NO.	UPC NO.	DESCRIPTION
CR25	783310122111	Cable Roller Guide

## Tray-Type Sheaves

- Steel frame easily attaches to cable tray up to 2" (50.8 mm) thick
- Helps roll and guide tray pulls
- Make tray pulls easier
- 5" (127 mm) wide aluminum alloy sheaves with self-lubricating bearings



658



659

### SPECIFICATIONS

<b>Size</b>	658: 12" (304.8 mm) long 659: 22" (558.8 mm) long
<b>Weight</b>	658: 11 lb (5 kg) 659: 17 lb (7.7 kg)

CAT. NO.	UPC NO.	DESCRIPTION
658	783310153320	Tray-Type Sheave
659	783310190943	Tray-Type Sheave

## 660QA Quick Adjust Sheave Roller

- Quick and easy adjustment of slide leg
- 7X faster setup and disassembly than competition
- 11" to 20" adjustable sliding leg
- Self-lubricated bearings with aluminum alloy sheave
- Wide edge hook fits on common ladder tray sizes
- One design quickly adjusts to fit common tray configurations
- No loose pieces



660QA

CAT. NO.	UPC NO.	DESCRIPTION
660QA	783310027683	Sheave-Tray, Quick Adjust
 03471	783310034711	Sheave Hardware Kit



CTR100

### CTR100 Cable Tray Roller

- 2X faster setup and disassembly than competition
- Rated for 100 lb
- Overlapping roller design prevents rope or cable from potential pinch points
- Compact design fits into tight spaces
- Easy cable release with no loose pieces
- Quick adjust push button for faster setup time and disassembly time

CAT. NO.	UPC NO.	DESCRIPTION
CTR100	783310028109	Roller, Cable
<b>R</b> 03472	783310034728	Roller Replacement Kit
<b>R</b> 03473	783310034735	Frame and Pin Kit
<b>R</b> 03476	783310034766	Handle Assembly Kit



CTR200

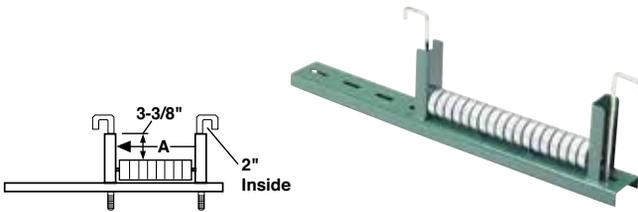
### CTR200 Cable Tray Roller

- Rated for 200 lb (90 kg)
- Adjustable leg to fit on tray widths of up to 36" (914.4 mm)
- Securely fastens to various types of cable tray rails
- Easy cable release and positioning of roller guide with no loose pieces
- Quickly fastens mounting system to tray with auto retractable ratchet strap
- Roller guide opens from the left to right side allowing the cable release to be easily accessible
- Overlapping roller design prevents rope or cable from potential pinch points

CAT. NO.	UPC NO.	DESCRIPTION
CTR200	783310027973	Roller, Cable
<b>R</b> 03472	783310034728	Roller Replacement Kit
<b>R</b> 03473	783310034735	Frame and Pin Kit
<b>R</b> 03474	783310034742	Ratchet Kit

## Cable Tray Rollers

- Installed up through the bottom of the tray for easy removal after the cable is installed
- Individual rollers keep rolling with each cable even after several cables have been installed in the tray
- Steel ball bearing rollers for long life and less friction
- Steel welded frame
- Adjustment slots and universal mounting brackets

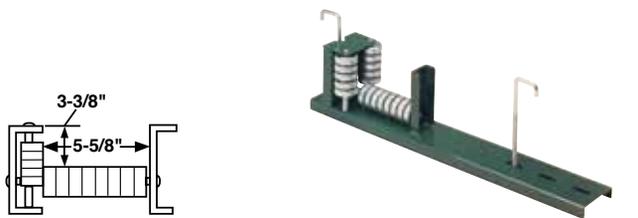


Straight Cable Rollers

2024S

### SPECIFICATIONS

Weight	2018S: 8 lb (3.6 kg) 2024S: 10 lb (4.5 kg) 2030S: 13 lb (5.9 kg) 2036S: 15 lb (6.8 kg)	2018R: 11 lb (5 kg) 2024R: 12 lb (5.4 kg) 2030R: 13 lb (5.9 kg) 2036R: 14 lb (6.3 kg) 20249R: 41 lb (18.6 kg) 20369R: 53 lb (24 kg)
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Right Angle Rollers

2018R

CAT. NO.	UPC NO.	DESCRIPTION
<b>R</b> 28170	783310281702	J-Hook

CAT. NO.	UPC NO.	DIMENSION A
2018S	783310273837	6-5/16" (160.3 mm)
2024S	783310273844	12-1/2" (317.5 mm)
2030S	783310273868	18-11/16" (474.7 mm)
2036S	783310273875	24-7/8" (631.8 mm)



Radius Cable Rollers

20249R

CAT. NO.	UPC NO.	DESCRIPTION
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### STRAIGHT CABLE ROLLERS

2018S	783310273837	Straight Cable Roller for 12" – 18" (304.8 – 457.2 mm) wide tray
2024S	783310273844	Straight Cable Roller for 20" – 24" (508 – 609.6 mm) wide tray
2030S	783310273868	Straight Cable Roller for 24" – 30" (609.6 – 762 mm) wide tray
2036S	783310273875	Straight Cable Roller for 30" – 36" (762 – 914.4 mm) wide tray

### RADIUS CABLE ROLLERS

2018R	783310273882	Radius Cable Roller for 12" – 18" (304.8 – 457.2 mm) wide tray
2024R	783310273899	Radius Cable Roller for 20" – 24" (508 – 609.6 mm) wide tray
2030R	783310273905	Radius Cable Roller for 24" – 30" (609.6 – 762 mm) wide tray
2036R	783310273912	Radius Cable Roller for 30" – 36" (762 – 914.4 mm) wide tray

### RIGHT ANGLE CABLE ROLLERS

20249R	783310273929	Right Angle Rollers 24" (609.6 mm) radius 90°
20369R	783310273936	Right Angle Rollers 36" (914.4 mm) radius 90°



31931



31925



31926



31927



31930



31929



## Haines Cable Tray Rollers

- Highly economical system of 1-1/2" steel conduit spindles, high impact ABS plastic rollers and simple clips
- Rollers snap in and out of clips fast and easy
- Mounting clips fit onto the top of most I-Beam and C-Channel trays, so existing wire is not disturbed
- 8" (203.2 mm) to 48" (1219.2 mm) wide rollers are available, using expandable roller halves and 3" (76.2 mm) PVC conduit
- Use Greenlee Cable-Cream™ (see p. 236) to lube spindle and roller, this lubricant is compatible with all cable insulation types

CAT. NO.	UPC NO.	DESCRIPTION	SIZE
31931	783310319313	Haines Roller 6" (152.4 mm) dia.	7" (177.8 mm) wide
31925	783310319252	Expandable Roller Half	Used to make 8" (203.2 mm) to 48" (1219.2 mm) wide roller
31926	783310319269	Coupling 3" (76.2 mm) long	3-1/2" (88.9 mm) dia.
31927	783310319276	Mounting Clip Steel Conduit	Use with 1-1/2" Rigid
31930	783310319306	Spindle (includes End Caps)	1-1/2" Rigid Conduit x 40" (1016 mm) long
31929	783310319290	End Cap	Fits 1-1/2" Rigid Conduit

## ROPE



35283

### Double-Braided Composite Rope for Cable Pullers

- Double-braided inner core with an extra double-braided outer jacket for added strength and less stretch; white with green tracer
- Rot and mildew resistant
- Factory spliced eyes at both ends
- Low stretch
- Properly rated rope is critical to cable pulling



ROPE DIAMETER	ROPE LENGTH		CAT. NO.	UPC NO.	MAXIMUM RATED CAPACITY		AVERAGE BREAKING STRENGTH		WEIGHT		ROPE STAND
									LB	KG	
805 Puller 3/8" (9.5 mm)	300'	91m	450	783310237730	1200 lb	3.6 kN	3700 lb	16.4 kN	14.3	6.5	406
	600'	182m	451	783310237754	1200 lb	3.6 kN	3700 lb	16.4 kN	31.0	14.3	644
	1,200'	365m	452	783310237761	1200 lb	3.6 kN	3700 lb	16.4 kN	60.0	27.2	644
G3 & UT2™ Puller 1/2" (12.7 mm)	300'	91m	455	783310237747	2,200 lb	8.9 kN	10,000 lb	44.4 kN	34	15.4	644
	600'	182m	456	783310237778	2,200 lb	8.9 kN	10,000 lb	44.4 kN	75	34	644
UT4 & 640 Puller 9/16" (14.3 mm)	300'	91m	35283G	783310352839	4,000 lb	17.8 kN	16,000 lb	71.1 kN	28	12.7	644
	600'	182m	35284	783310352846	4,000 lb	17.8 kN	16,000 lb	71.1 kN	63	28.6	644
	1,200'	365m	35285G	783310352853	4,000 lb	17.8 kN	16,000 lb	71.1 kN	130	59	†
6001 & G6 Puller 3/4" (19.1 mm)	300'	91m	35098	783310350989	6,500 lb	28.9 kN	26,000 lb	115.6 kN	58	26.3	644
	600'	182m	35100	783310351009	6,500 lb	28.9 kN	26,000 lb	115.6 kN	113	51.3	654
	1,200'	365m	35101	783310351016	6,500 lb	28.9 kN	26,000 lb	115.6 kN	230	104.3	†
6800 (UT8) Puller & UT10-2S 7/8" (22.2 mm)	300'	91m	34136G	783310341369	8,000 lb	35.6 kN	32,000 lb	142.3 kN	90	40.8	654
	600'	182m	34137	783310341376	8,000 lb	35.6 kN	32,000 lb	142.3 kN	178	80.7	654
	1,200'	365m	34138	783310341383	8,000 lb	35.6 kN	32,000 lb	142.3 kN	359	163.3	†



405 Rope Stand sold separately. See page 513.

### Polypro General Purpose Rope

- Highly-visible, bright yellow with green tracer, excellent for roping off areas on construction sites
- Rot and mildew resistant
- Weather resistant
- Economical general purpose rope
- **Not for cable pulling**



ROPE DIAMETER	ROPE LENGTH		CAT. NO.	UPC NO.	BREAKING STRENGTH		AVERAGE WEIGHT	
							LB	KG
3/16" (4.8 mm)	250'	76 m	408	783310214670	720 lb	3.2 kN	3	1.4
	600'	182 m	409	783310214687	720 lb	3.2 kN	6	2.7
1/4" (6.4 mm)	250'	76 m	412	783310214717	1130 lb	5.0 kN	4	1.8
	600'	182 m	413	783310214724	1130 lb	5.0 kN	9	4.1
	1,000'	304 m	414	783310214748	1130 lb	5.0 kN	13	5.9
3/8" (9.5 mm)	250'	76 m	417	783310214779	2430 lb	10.8 kN	9	4.1
	600'	182 m	418	783310215202	2430 lb	10.8 kN	19	8.6
1/2" (12.7 mm)	250'	76 m	421	783310214809	3780 lb	16.8 kN	15	6.8
	600'	182 m	422	783310215219	3780 lb	16.8 kN	35	15.9

# SWIVELS & ROPE CONNECTORS

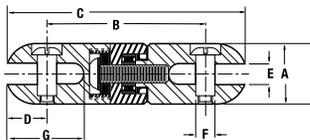
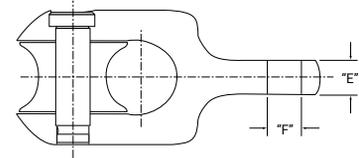


## Rope-to-Swivel Connectors

- Rope-to-swivel connectors connect the cable pulling rope, up to 1" (254 mm) in diameter, to the pulling swivel
- Makes connecting the pulling rope and the pulling swivel easier
- Connectors feature a removable sheave for rope eye
- Select the connector with a maximum rated capacity that meets or exceeds the cable puller's maximum pulling force

CAT. NO.	UPC NO.	DESCRIPTION
<b>R</b> 39849	783310398493	Sheave
<b>R</b> 39850	783310398509	Sheave Pin

CAT. NO.	UPC NO.	MAX. RATED CAPACITY IN CONDUIT		MAX. RATED CAPACITY OVERHEAD		DIAMETER		LENGTH		"E"		"F"		USE ON SWIVEL
		LB	KN	LB	KN	IN	mm	IN	mm	IN	mm	IN	mm	
39905	783310399056	5,000	22.2	3,000	13.3	2	50.8	4-11/16	119	7/16	11.12	13/32	10.32	39107
39904	783310399049	7,000	31.1	4,200	18.6	2	50.8	4-11/16	119	1/2	12.7	1/2	12.7	39108
39903	783310399032	10,000	44.4	6,000	26.6	2	50.8	4-11/16	119	9/16	14.3	5/8	15.9	39109
39902G	783310399025	10,000	44.4	6,000	26.6	2	50.8	4-11/16	119	11/16	17.5	11/16	17.5	39110



## Swivels

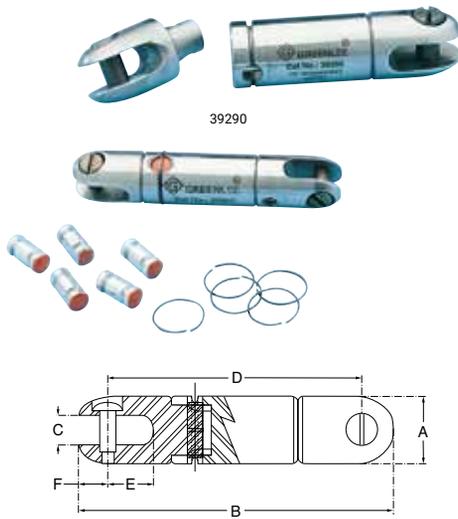
- Helps eliminate winding and tangling of rope and cable during pull
- Connects grip and pulling rope
- All stainless steel body construction
- Efficient thrust and roller bearing construction allows smooth rotation, even under full load
- Clevis pins are "shoulder bolt" style, so load on both sides of clevis is taken on the shoulder, not on the thread
- Swivel selection should exceed a maximum rated capacity of pulling force

CAT. NO.	UPC NO.	MAX. RATED CAPACITY		DIAMETER														WEIGHT		REPLACEMENT* PIN KIT UPC NO.
		LB	KN	A		B		C		D		E		F		G		LB	KG	
				IN	mm	IN	mm	IN	mm	IN	mm	IN	mm	IN	mm	IN	mm			
39106	783310391067	2,250	11.1	7/8	22.2	2-5/8	66.7	3-1/2	88.9	7/16	11.1	3/8	9.5	5/16	7.9	31/32	24.6	.4	.16	39112
39107	783310391074	5,000	22.2	1-1/4	31.8	3-1/16	77.8	4-1/8	104.5	17/32	13.5	1/2	12.7	13/32	10.3	1-9/32	32.5	1.0	.45	39112
39108	783310391081	7,000	31.1	1-3/8	34.9	3-9/32	83.3	4-17/32	115.1	5/8	15.9	9/16	14.3	1/2	12.7	1-3/8	34.9	1.0	.45	39114
39109	783310391098	10,000	44.4	1-5/8	41.3	3-15/16	100	5-7/16	138.1	3/4	19.1	5/8	15.9	5/8	15.9	1-23/32	43.7	2.0	.91	39115
39110	783310391104	15,000	66.7	2	50.8	4-11/16	119.1	6-9/16	166.7	15/16	23.8	3/4	19.1	11/16	17.5	2	50.8	4.0	1.81	39116
39111	783310391111	25,000	111.2	2-3/8	60.3	5-11/16	144.5	8-7/16	214.3	1-3/16	30.2	1	25.4	7/8	22.2	2-25/32	70.6	7.0	3.18	39117

\*Replacement Pin Kits contain two (2) Replacement Pins

## Breakaway Swivels

- Acts as a mechanical fuse, breaking away at a preset load to prevent damage to expensive cable
- Breakaway pins can be replaced to change breakaway values



### BREAKAWAY PIN KITS

CAT. NO.	UPC NO.	BREAKING POINT	BREAKING POINT	COLOR CODE	USE WITH
39294	783310392941	200 lb	0.9 kN	White	
39295	783310392958	400 lb	1.8 kN	Yellow	39290
39296	783310392965	600 lb	2.7 kN	Orange	5/8" Swivel
39297	783310392972	675 lb	3.0 kN	Black	
39302	783310393023	200 lb	0.9 kN	White	
39303	783310393030	400 lb	1.8 kN	Yellow	39298
39304	783310393047	600 lb	2.7 kN	Orange	7/8" Swivel
39306	783310393061	800 lb	3.6 kN	Grey	
39308	783310393085	1000 lb	4.4 kN	Red	

### BREAKAWAY SWIVEL BODY ONLY

CAT. NO.	UPC NO.	A		B		C		D		E		F	
		IN	mm	IN	mm	IN	mm	IN	mm	IN	mm	IN	mm
39290G	783310392903	5/8	15.9	3-7/32	81.8	9/32	7.1	2-23/32	69.1	7/16	11.1	1/4	6.4
39298	783310392989	7/8	22.2	4-7/32	107.2	3/8	9.5	3-11/32	84.9	17/32	13.5	5/16	7.9

For forged eye grips



For forged eye grips



## Rope Clevis

- Removable bolt and rope sheave
- Removable grip eye bolt
- Select the clevis with a rating that meets or exceeds the cable puller's maximum pulling force
- Removable sheave for rope eye

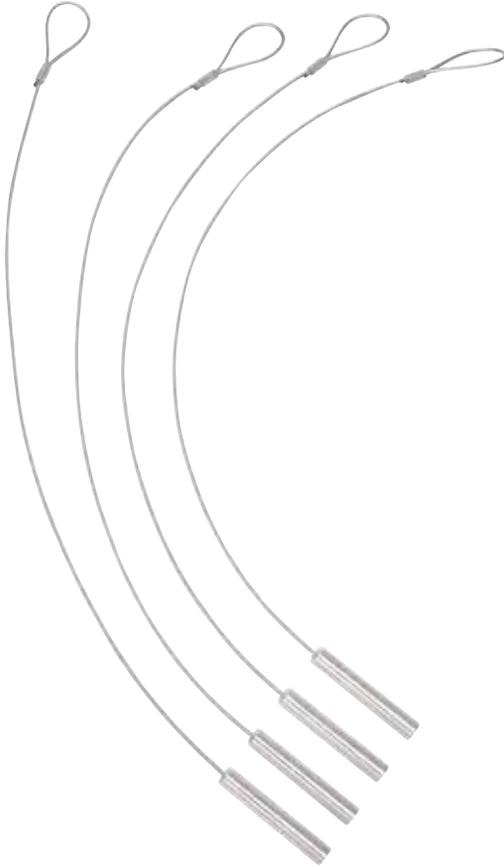
For flexible eye grips



CAT. NO.	UPC NO.	DESCRIPTION
578	783310319108	Rope Clevis
579	783310319054	Rope Clevis
678	783310195245	Rope Clevis

MAXIMUM RATED CAPACITY	WEIGHT	LENGTH	WIDTH	INSIDE DIAMETER
578: 6,500 lb (28.9 kN)	0.9 lb (408 g)	3.0" (76 mm)	1.406" (36 mm)	1.25" (32 mm)
579: 10,000 lb (44.4 kN)	1.3 lb (589 g)	3.5" (89 mm)	1.84" (47 mm)	1.5" (38 mm)
678: 6,500 lb (28.9 kN)	1.3 lb (589 g)	3.5" (89 mm)	1.75" (44 mm)	0.94" (24 mm)

# GRIPS



## Gator Grips™

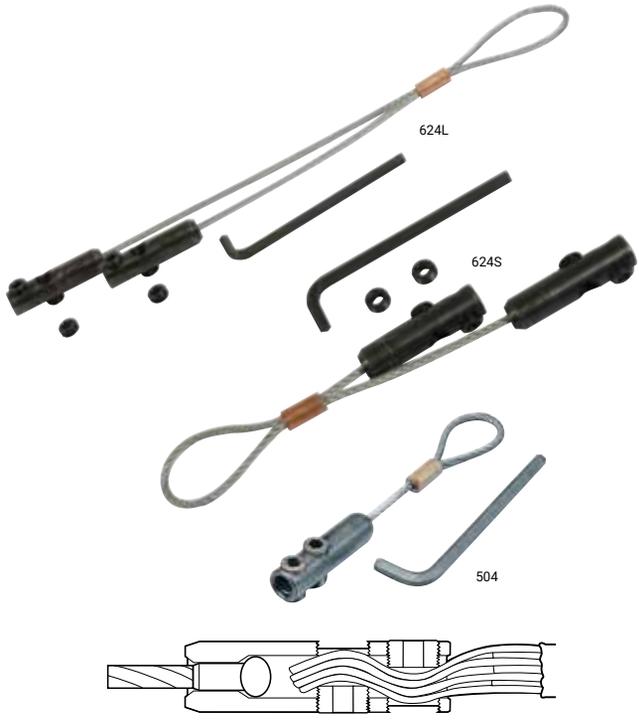
- 2 minute set-up
- 6 grips cover the cable size from 1AWG through 1000 MCM
- 5 different harness lengths to prevent overlap during cable pull
- Use Greenlee EK12IDLX or HK12ID to crimp any size without changing dies

CAT. NO.	UPC NO.	DESCRIPTION
GG1-1/0XS	783310054696	Grip Assy, 1-1/0 Extra Short
GG1-1/0S	783310054702	Grip Assy, 1-1/0 Short
GG1-1/0M	783310054719	Grip Assy, 1- 1/0 Medium
GG1-1/0L	783310054726	Grip Assy, 1- 1/0 Long
GG1-1/0XL	783310054733	Grip Assy, 1-1/0 Extra Long
GG2/0-4/0XS	783310054740	Grip Assy, 2/0-4/0 Extra Short
GG2/0-4/0S	783310054771	Grip Assy, 2/0-4/0 Short
GG2/0-4/0M	783310054788	Grip Assy, 2/0-4/0 Medium
GG2/0-4/0L	783310054795	Grip Assy, 2/0-4/0 Long
GG2/0-4/0XL	783310054801	Grip Assy, 2/0-4/0 Extra Long
GG250-350XS	783310055020	Grip Assy, 250-350 Extra Short
GG250-350S	783310055037	Grip Assy, 250-350 Short
GG250-350M	783310055044	Grip Assy, 250-350 Medium
GG250-350L	783310055051	Grip Assy, 250-350 Long
GG250-350XL	783310055068	Grip Assy, 250-350 Extra Long
GG400-500XS	783310055075	Grip Assy, 400-500 Extra Short
GG400-500S	783310055082	Grip Assy, 400-500 Short
GG400-500M	783310055099	Grip Assy, 400-500 Medium
GG400-500L	783310055105	Grip Assy, 400-500 Long
GG400-500XL	783310055112	Grip Assy, 400-500 Extra Long
GG600-750XS	783310055129	Grip Assy, 600-750 Extra Short
GG600-750S	783310055136	Grip Assy, 600-750 Short
GG600-750M	783310055143	Grip Assy, 600-750 Medium
GG600-750L	783310055150	Grip Assy, 600-750 Long
GG600-750XL	783310055167	Grip Assy, 600-750 Extra Long
GG1000XS	783310055174	Grip Assy, 1000 Extra Short
GG1000S	783310055181	Grip Assy, 1000 Short
GG1000M	783310055211	Grip Assy, 1000 Medium
GG1000L	783310055228	Grip Assy, 1000 Long
GG1000XL	783310055235	Grip Assy, 1000 Extra Long

### SPECIFICATIONS

Wire Type	1 AWG – 1000 MCM Copper, Aluminum, Compacted and Compact (CU and AL)
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GRIP WIRE RANGE	WIRE SIZE	RATED PULLING LOAD FOR REGULAR AND COMPACT STRANDED COPPER CABLE				RATED PULLING LOAD FOR REGULAR AND COMPACT STRANDED ALUMINUM CABLE				MINIMUM CONDUIT SIZE (IN)
		CABLE (LB)	3 CABLES (LB)	4 CABLES (LB)	5 CABLES (LB)	CABLE (LB)	3 CABLES (LB)	4 CABLES (LB)	5 CABLES (LB)	
1 to 1/0	1	1,200	3,600	4,800	6000	500	1500	2000	2500	1-1/4
	1/0	2,000	6,000	8,000	10000	650	1950	2600	3250	1-1/4
2/0 to 4/0	2/0	2,000	6,000	8,000	10000	800	2400	3200	4000	1-1/2
	3/0	2,000	6,000	8,000	10000	900	2700	3600	4500	2
	4/0	2,000	6,000	8,000	10000	1000	3000	4000	5000	2
250-350	250	2,000	6,000	8,000	8000	1600	4800	6400	8000	2
	300	2,000	6,000	8,000	10000	1700	5100	6800	8500	2-1/2
	350	2,500	7,500	10,000	12500	2200	6600	8800	11000	2-1/2
400-500	400	2,500	7,500	10,000	12500	1900	5700	7600	9500	2-1/2
	500	2,500	7,500	10,000	12500	2500	7500	10000	12500	3
600-750	600	2,500	7,500	10,000	9000	1500	4500	6000	7500	3
	750	3,000	9,000	12,000	15000	2300	6900	9200	11500	3-1/2
1000	1,000	3,000	9,000	12,000	15000	3500	10500	14000	17500	3-1/2



Each grip has two opposed set screws that provide positive locking. Openings in wire grip should be 50% filled with wire to assure slip-proof grip.

## Set Screw Clamp Pulling Grips

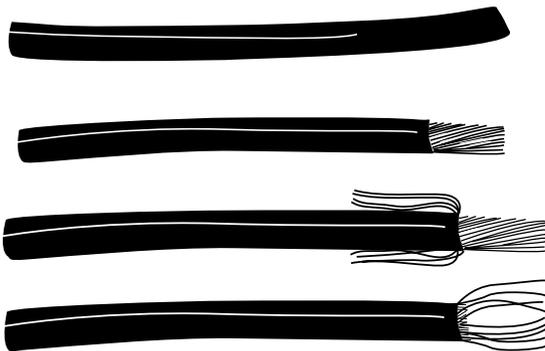
- Use to pull in 2" (50.8 mm) or larger conduit
- Type of pulls: heavy, long runs (629)
- Type of pull: light and medium (504)
- Type of grip: Flexible eye 1/4" (6.4 mm–629) (6.3 mm–504) diameter galvanized steel aircraft cable connected to 2 cable receptacles with 5/8" (15.9 mm) diameter opening and 2 clamping set screws
- Select pulling grips with a maximum-rated capacity that meets or exceeds the cable puller's maximum pulling force
- Minimum cable diameter is 3/8"

Maximum Rated Capacity	Weight
504: 1750 lb (28.9 kN)	504: 5 lb (2.3 kg)
629: 6,500 lb (28.9 kN)	629: 5 lb (2.3 kg)
624: 6,500 lb (28.9 kN)	624: 3.5 lb (1.5 kg)
624S: 3,250 lb (14.5 kN)	624S: 2 lb (.9 kg)
624L: 3,250 lb (14.5 kN)	624L: 2.1 lb (1 kg)

### SPECIFICATIONS

Capacity	1,750 lb (7.7 kN)
Weight	1.2 lb (.5 kg)
Size	Receptacle – 5/8" (15.9 mm)

CAT. NO.	UPC NO.	DESCRIPTION
504	783310236658	Set Screw Clamp-Type Pulling Grip
629	783310318552	Pulling Grip with Clevis includes 624S, 624L and 678 clevis – 4 Clamp
624	783310319085	Pulling Grip includes 624S and 624L – 2 Clamp each
624S	783310318668	Short Pulling Grip – 2 Clamp
<b>R</b> 624L	783310318675	Long Pulling Grip – 2 Clamp
<b>R</b> 51208	783310512080	Grip Allen Wrench
<b>R</b> 52352	783310523529	Grip Set Screw (2 per clamp), 629 and 624 – 8 for each grip 624L and 624S – 4 for each grip.



## Cable Preparation Instructions for Set Screw Clamp-Type Pulling Grips

- Strip cable approximately 3" (76 mm) of insulation off the end of the cable to be pulled. **NOTE:** The grip head should not be more than 60% filled nor less than 40% filled to assure that the set screw does not project above the surface of the grip body when the set screws are tightened down
- The central core should be clipped away and the outer strands used in the grip head
- Using the Allen Wrench provided, back out the set screws far enough to accommodate the stripped cables
- Insert the bare wire strands into the grip head as far as they will go
- Tighten both set screws in each grip securely against the conductors
- **CAUTION:** If the set screws extend above the surface of the gripping head, damage to the conduit could result. To prevent this, wrap the head with electrical tape.

# PULLING GRIP SELECTION GUIDE

- How to select correct pulling grip:
1. Select the type of grip needed.
  2. Select the size of grip needed (see below).
  3. Select a grip with maximum rated capacity that meets or exceeds the cable puller's maximum pulling force.

## 1. Select the type of grip needed

GRIP TYPE	DESCRIPTION	TYPE OF EYE	SIZE RANGE DIA. INCHES (mm)	MAX. RATED CAPACITY – LB (KN)	USE TO PULL
Junior Grips	Single weave galvanized steel mesh	Flexible	.19-1.24 (4.8-31.5)	708 (3.5)	In conduit or tray – Building wire by hand.
Light Duty Grips	Single weave galvanized steel mesh	Flexible	.50-3.99 (12.7-101.3)	2940 (13.1)	In conduit or tray – Light-duty applications, short easy runs.
T-Type Grips	Double weave galvanized steel mesh	Flexible	.50-3.99 (12.7-101.3)	6200 (27.6)	In conduit or tray – Medium-duty applications
K-Type Grips	Double weave galvanized steel mesh	Rotating forged	.50-6.99 (12.7-177.5)	9600 (42.7)	In conduit or tray – Heavy-duty applications, long hard runs.
Multiple Strength Grips	Triple to double to single weave galvanized steel mesh	Rotating forged	.25-3.99 (6.4-101.3)	9600 (42.7)	Overhead transmission lines – Bare or insulated conductors, wire rope.
Slack Grips Rod Closing	Double weave galvanized steel mesh – rod closing – offset eye	Flexible	.50-3.99 (12.7-101.3)	2400 (12.7-101.3)	Where end of conductor is not available. Can be pulled straight only, rod will not flex.

## 2. Select the size of grip needed

After determining the type of grip needed, measure the diameter of the cable being pulled. If pulling more than one cable "of the same diameter," refer to chart below for required grip diameter range. If pulling more than one cable "of different diameters," bundle cables together, measure the circumference and refer to the chart on bottom of this page for required grip diameter range. Once the cable diameter or required grip diameter is determined, refer to individual chart for type of grip chosen to locate Catalog/UPC number.

2 CABLES DIA. EACH IN/(mm)	3 CABLES DIA. EACH IN/(mm)	4 CABLES DIA. EACH IN/(mm)	5 CABLES DIA. EACH IN/(mm)	6 & 7 CABLES DIA. EACH IN/(mm)	8 CABLES DIA. EACH IN/(mm)	9 CABLES DIA. EACH IN/(mm)	REQUIRED GRIP DIA. IN/(mm)
.30-.38/(7.6-9.7)	.25-.31/(6.4-7.9)	.22-.27/(5.6-6.9)	.19-.24/(4.8-6.1)	.17-.22/(4.3-5.6)	.15-.19/(3.8-6.1)	.14-.18/(3.6-4.6)	.50-.61/(12.7-15.5)
.38-.44/(9.7-11.2)	.31-.36/(7.9-9.1)	.27-.31/(6.9-7.9)	.24-.29/(6.1-7.4)	.22-.26/(5.6-6.6)	.19-.23/(6.1-5.8)	.18-.21/(4.6-5.3)	.62-.74/(15.7-18.8)
.44-.59/(11.2-15.0)	.36-.49/(9.1-12.4)	.31-.42/(7.9-10.7)	.29-.38/(7.4-9.7)	.26-.34/(6.6-8.6)	.23-.31/(5.8-7.9)	.21-.28/(5.3-7.1)	.75-.99/(19.1-25.1)
.59-.75/(15.0-19.1)	.49-.63/(12.4-16.0)	.42-.54/(10.7-13.7)	.38-.48/(9.7-12.2)	.34-.43/(8.6-10.9)	.31-.39/(7.9-9.9)	.28-.35/(7.1-8.9)	1.00-1.24/(25.4-31.5)
.75-.90/(19.1-22.9)	.63-.76/(16.0-19.3)	.54-.65/(13.7-16.5)	.48-.58/(12.2-14.7)	.43-.52/(10.9-13.2)	.39-.46/(9.9-11.7)	.35-.42/(8.9-10.7)	1.25-1.49/(31.8-37.8)
.90-1.07/(22.9-27.2)	.76-.89/(19.3-22.6)	.65-.77/(16.5-19.6)	.58-.67/(14.7-17.0)	.52-.60/(13.2-15.2)	.46-.54/(11.7-13.7)	.42-.49/(10.7-12.4)	1.50-1.74/(38.1-44.2)
1.07-1.22/(27.2-31.0)	.89-1.02/(22.6-25.9)	.77-.88/(19.6-22.4)	.67-.77/(17.0-19.6)	.60-.69/(15.2-17.5)	.54-.62/(13.7-15.7)	.49-.56/(12.4-14.2)	1.75-1.99/(44.5-50.5)
1.22-1.53/(31.0-39.9)	1.02-1.28/(25.9-32.5)	.88-1.10/(22.4-27.9)	.77-.96/(19.6-24.2)	.69-.86/(17.5-21.8)	.62-.77/(15.7-19.6)	.56-.71/(14.2-18.00)	2.00-2.49/(50.8-63.2)
1.53-1.83 / (38.9-46.5)	1.28-1.53/(32.5-38.9)	1.10-1.32/(27.9-33.5)	.96-1.16/(24.2-29.5)	.86-1.03/(21.8-26.2)	.77-.93/(19.6-23.6)	.71-.85/(18.0-21.6)	2.50-2.99/(63.5-75.9)
1.83-2.14/(46.5-54.4)	1.53-1.79/(38.9-45.5)	1.32-1.54/(33.5-39.1)	1.16-1.35/(29.5-34.3)	1.03-1.20/(26.2-30.5)	.93-1.08/(23.6-27.4)	.85-.99/(21.6-25.1)	3.00-3.49/(76.2-88.6)
2.14-2.44 / (54.4-62.0)	1.79-2.05/(45.5-52.0)	1.54-1.76/(39.1-44.7)	1.35-1.54/(34.3-39.1)	1.20-1.37/(30.5-34.8)	1.08-1.24/(27.4-31.5)	.99-1.13/(25.1-28.7)	3.50-3.99/(88.9-101.3)
2.44-2.75/(62.0-69.9)	2.05-2.30/(52.0-58.4)	1.76-1.98/(44.7-50.3)	1.54-1.74/(39.1-44.2)	1.37-1.55/(34.8-39.4)	1.24-1.39/(31.5-35.3)	1.13-1.27/(28.7-32.3)	4.00-4.49/(101.6-114.0)
2.75-3.06/(69.9-77.7)	2.30-2.56/(58.4-65.0)	1.98-2.20/(50.3-55.9)	1.74-1.93/(44.2-49.0)	1.55-1.72/(39.4-43.7)	1.39-1.55/(35.3-39.4)	1.27-1.41/(32.3-35.8)	4.50-4.99/(114.3-126.7)

\* Split grips require the next larger size.

## 3. Select a grip with maximum rated capacity that meets or exceeds the cable puller's maximum pulling force.

### MEASURE THE CIRCUMFERENCE OF THE WIRE BUNDLE

CIRCUMFERENCE RANGE		REQUIRED GRIP DIAMETER	
IN	mm	IN	mm
1.57- 1.95	39.9- 49.5	.50- .61	12.7 - 15.5
1.95- 2.36	49.5- 59.9	.62- .74	15.8 - 18.8
2.36- 3.14	59.9- 79.8	.75- .99	19.1 - 25.1
3.14- 3.93	79.8- 99.8	1.00- 1.24	25.4 - 31.5
3.93- 4.71	99.8- 119.6	1.25- 1.49	31.8 - 37.8
4.71- 5.50	119.6- 139.7	1.50- 1.74	38.1 - 44.2
5.50- 6.28	139.7- 159.5	1.75- 1.99	44.5 - 50.5
6.28- 7.85	159.5- 199.4	2.00- 2.49	50.8 - 63.2
7.85- 9.42	199.4- 239.3	2.50- 2.99	63.5 - 75.9
9.42- 11.00	239.3- 279.4	3.00- 3.49	76.2 - 88.6
11.00- 12.57	279.4- 319.3	3.50- 3.99	88.9 - 101.3
12.57- 14.14	319.3- 359.2	4.00- 4.49	101.6 - 114.0
14.14- 15.71	359.2- 399.0	4.50- 4.99	114.3 - 126.7

**NOTE:** Properly rated rope is critical to cable pulling. See page 225 for rope selection by rating.



30758

## Basket-Type Pulling Grip Sets

- Handy set gives you the size range you need
- Have the correct grip on the job and save time

### SPECIFICATIONS

<b>Capacity</b>	30758: (2) #14 to 4-1/0, .25" – 1.24" (6.4 – 31.5 mm) diameter 597: 3-1/0 to 250 MCM, .75" – 1.99" (1.9 – 50.5 mm) diameter 598: 3-350 MCM to 3-750 MCM, 1.50" – 2.99" (38.1 – 75.9 mm) diameter 599: 3-1/0 to 3-750 MCM, .75" – 2.99" (1.9 – 75.9 mm) diameter
<b>Weight</b>	30758: 1.2 lb (.5 kg) 597: 6 lb (2.7 kg); 598: 9.9 lb (4.5 kg) 599: 13 lb (5.9 kg)

CAT. NO.	UPC NO.	DESCRIPTION
30758	783310307587	Building Wire Junior Grip Set: diameter range .25" – 1.24" (6.4 – 31.5 mm). Consists of 30588, 30590, 30592, and 30594, 30584, 30586.
597	783310314820	T-Type Grip Set: diameter range .75" – 1.99" (19 – 50.5 mm). Consists of 30576, 30578, and 31010.
598	783310314837	T-Type Grip Set: diameter range 1.50" – 2.99" (38.1 – 75.9 mm). Consists of 31010, 30580 and 31012.
599	783310314844	T-Type Grip Set: diameter range .75" – 2.99" (19 – 75.9 mm). Consists of 30576, 30578, 31010, 30580 and 31012.

## Junior Basket-Type Pulling Grips

- Use to pull in: conduit or tray
- Type of pulls: building wire manually
- Type of grip: single weave galvanized steel mesh with flexible pulling eye
- Select the grip with a maximum rated capacity that meets or exceeds the cable puller's maximum pulling force



30584

CAT. NO.	UPC NO.	CABLE DIAMETER RANGE		MAXIMUM RATED CAPACITY		EYE LENGTH		MESH LENGTH	
		IN	mm	LB	KN	IN	mm	IN	mm
30596	783310305965	.19 – .24	4.8 – 6.1	80	.3	3-1/4	82.6	4-1/4	108
30584	783310305842	.25 – .36	6.2 – 9.1	90	.4	3-1/4	82.6	4-1/4	108
30586	783310305866	.37 – .49	9.2 – 12.6	180	.8	3-3/4	95.3	7	177.8
30588	783310305880	.50 – .61	12.7 – 15.50	260	1.1	4-1/4	108	8-1/2	215.9
30590	783310305903	.62 – .74	15.6 – 18.9	390	1.7	5	127	10	254
30592	783310305927	.75 – .99	19 – 25.3	560	2.4	5-3/4	146	10	254
30594	783310305941	1.00 – 1.24	25.4 – 31.5	780	3.4	6-1/2	165.1	11-1/2	292.1

## Light-Duty Basket-Type Pulling Grips

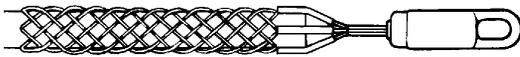


- Use to pull in: conduit or tray
- Type of pulls: light-duty, short, easy runs
- Type of grip: single weave galvanized steel mesh with flexible pulling eye
- Select the grip with a maximum rated capacity that meets or exceeds the cable puller's maximum pulling force

CAT. NO.	UPC NO.	CABLE DIAMETER RANGE		MAXIMUM RATED CAPACITY		EYE LENGTH		MESH LENGTH	
		IN	mm	LB	KN	IN	mm	IN	mm
30536	783310305361	.50 - .61	12.7 - 15.5	560	2.5	5	127	16	406.4
30538G	783310305385	.62 - .74	15.6 - 18.9	560	2.5	5	127	16	406.4
30540	783310305408	.75 - .99	19.0 - 25.3	800	3.5	6	152.4	20	508
30542	783310305521	1.00 - 1.24	25.4 - 31.5	1360	6	7	177.8	20	508
30544	783310305446	1.25 - 1.49	31.6 - 38	1360	6	7	177.8	21	533.4
30546	783310305460	1.50 - 1.99	38.1 - 50.7	1360	6	8	203.2	23	584.2
30548G	783310305484	2.00 - 2.49	50.8 - 63.4	1700	7.5	9	228.6	25	635
30550	783310305507	2.50 - 2.99	63.5 - 76.1	2120	9.4	9	228.6	27	685.8
30552	783310305521	3.00 - 3.49	76.2 - 88.8	2940	13	10	254	30	762
30554	783310305545	3.50 - 3.99	88.9 - 101.3	2940	13	10	254	32	812.8

**NOTE:** Properly rated rope is critical to cable pulling. See page 225 for rope selection by rating.

## K Basket-Type Pulling Grips



- Use to pull in: conduit or tray
- Type of pulls: heavy-duty, long, hard runs
- Type of grip: double-weave galvanized steel mesh with forged steel swivel eye
- Select the grip with a maximum rated capacity that meets or exceeds the cable puller's maximum pulling force

CAT. NO.	UPC NO.	CABLE DIAMETER RANGE		MAXIMUM RATED CAPACITY		EYE LENGTH		MESH LENGTH		ROTATING EYE DIAMETER	
		IN	mm	LB	KN	IN	mm	IN	mm	IN	mm
<b>STANDARD</b>											
30442	783310304425	.50 - .61	12.7 - 15.5	1120	4.9	5	127	16	406.4	7/8	22.2
30998G	783310309987	.62 - .74	15.6 - 18.9	1360	6	5	127	16	406.4	7/8	22.2
30460	783310304609	.75 - .99	19.0 - 25.3	1920	8.5	6	152.4	32	812.8	1	25.4
31000G	783310310006	1.00 - 1.49	25.4 - 38.0	3280	14.5	7	177.8	33	838.2	1-3/8	34.9
30462	783310304623	1.50 - 1.99	38.1 - 50.7	3280	14.5	7	177.8	34	863.6	1-3/8	34.9
31002	783310310020	2.00 - 2.49	50.8 - 63.3	5440	24.1	9	228.6	36	914.4	1-5/8	41.2
30464	783310304647	2.50 - 2.99	63.5 - 76.1	6600	29.3	10	254	38	965.2	1-7/8	47.6
31004	783310310044	3.00 - 3.49	76.2 - 88.8	8200	36.5	10	254	39	990.6	1-7/8	47.6
30466	783310304661	3.50 - 3.99	88.9 - 101.5	9600	42.7	10	254	41	1041.4	1-7/8	47.6
31006	783310310068	4.00 - 4.49	101.6 - 114.2	9600	42.7	10	254	42	1066.8	1-7/8	47.6
30468G	783310304685	4.50 - 4.99	114.3 - 126	9600	42.7	10	254	58	1473.2	1-7/8	47.6
30470	783310304708	5.00 - 5.99	127 - 152.3	9600	42.7	10	254	60	1524	1-7/8	47.6

**NOTE:** Properly rated rope is critical to cable pulling. See page 225 for rope selection by rating.

## T-Basket-Type Pulling Grips



- Use to pull in: conduit or tray
- Type of pulls: medium-duty
- Type of grip: double weave galvanized steel mesh with flexible pulling eye
- Select the grip with a maximum rated capacity that meets or exceeds the cable puller's maximum pulling force

CAT. NO.	UPC NO.	CABLE DIAMETER RANGE		MAXIMUM RATED CAPACITY		EYE LENGTH		MESH LENGTH	
		IN	mm	LB	KN	IN	mm	IN	mm
<b>SHORT</b>									
30558G	783310305583	.50 - .61	12.7 - 15.5	900	4	8	203.2	21	533.4
30560	783310305606	.62 - .74	15.6 - 18.9	1120	4.9	8	203.2	24	610
30562	783310305620	.75 - .99	19.0 - 25.3	1360	6	9	228.6	24	610
30564	783310305644	1.00 - 1.49	25.4 - 38.0	1920	8.7	9	228.6	24	610
30566	783310305668	1.50 - 1.99	38.1 - 50.7	3280	14.5	11	279.4	24	610
30568	783310305682	2.00 - 2.49	50.8 - 63.3	3700	16.4	12	304.8	24	610
30570	783310305705	2.50 - 2.99	63.5 - 76.1	4900	21.7	12	304.8	24	610
30572	783310305729	3.00 - 3.49	76.2 - 88.8	4900	21.7	14	355.6	24	610
30574	783310305743	3.50 - 3.99	88.9 - 101.3	6200	27.5	14	355.6	26	660.4
<b>STANDARD</b>									
30576	783310305767	.75 - .99	19.0 - 25.3	1360	6	9	228.6	36	914.4
30578	783310305781	1.00 - 1.49	25.4 - 38.0	1920	8.7	9	228.6	36	914.4
31010G	783310310105	1.50 - 1.99	38.1 - 50.7	3280	14.5	11	279.4	36	914.4
30580	783310305804	2.00 - 2.49	50.8 - 63.3	3700	16.4	12	304.8	36	914.4
31012	783310310129	2.50 - 2.99	63.5 - 76.1	4900	21.7	12	304.8	36	914.4
30582	783310305828	3.00 - 3.49	76.2 - 88.8	4900	21.7	14	355.6	36	914.4
31014	783310310143	3.50 - 3.99	88.9 - 101.3	6200	27.5	14	355.6	40	1016

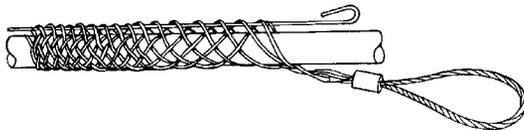
## Multiple Strength Basket-Type Pulling Grips with Rotating Forged Eye



- Use to pull overhead transmission lines, bare or insulated conductors and wire rope
- Type of pulls: heavy-duty, long distance
- Triple, to double, to single weave galvanized steel mesh with forged steel swivel eye
- Color coded for easy size identification
- Select the grip with a maximum rated capacity that meets or exceeds the cable puller's maximum pulling force

CAT. NO.	UPC NO.	CABLE DIAMETER RANGE		MAXIMUM RATED CAPACITY		COLOR CODE	EYE LENGTH		MESH LENGTH		ROTATING EYE DIAMETER	
		IN	mm	LB	KN		IN	mm	IN	mm	IN	mm
30474	783310304746	.25 - .49	12.7 - 15.5	1360	6	Dark Green	5	127	26	660.4	7/8	22.3
30476	783310304760	.50 - .74	15.6 - 18.9	2000	8.8	Brown	6	152.4	32	812.8	1	25.4
30478	783310304784	.75 - .99	19.0 - 25.3	2880	12.8	Light Blue	6	152.4	41	1041.4	1	25.4
30480	783310304807	1.00 - 1.24	25.4 - 31.5	4920	21.8	Gold	8	203.2	52	1320.8	1-3/8	34.9
30482	783310304821	1.25 - 1.49	31.6 - 38.0	6120	27.2	Black	8	203.2	56	1422.4	1-5/8	41.2
30484	783310304845	1.50 - 1.74	38.1 - 44.3	6120	27.2	Red	9	228.6	60	1524.0	1-7/8	47.6
30486	783310304869	1.75 - 2.24	44.4 - 56.9	9600	42.7	Dark Blue	10	254	70	1778.0	1-7/8	47.6
30502	783310305026	2.00 - 2.49	50.8 - 63.4	9600	42.7	Yellow	10	254	50	1270	1-7/8	47.6
30504	783310305040	2.50 - 2.99	63.5 - 76.1	9600	42.7	Orange	10	254	52	1320.8	1-7/8	47.6
30506	783310305064	3.00 - 3.49	76.2 - 88.8	9600	42.7	Aluminum	10	254	54	1371.6	1-7/8	47.6
30508	783310305088	3.50 - 3.99	88.9 - 101.3	9600	42.7	Light Green	10	254	56	1422.4	1-7/8	47.6

## Split Mesh Rod Closing Basket-Type Slack Pulling Grips



- Use to pull in: conduit or tray
- Type of pulls: medium-duty
- Type of grip: double weave galvanized steel mesh with flexible pulling eye
- Select the grip with a maximum rated capacity that meets or exceeds the cable puller's maximum pulling force

CAT. NO.	UPC NO.	CABLE DIAMETER RANGE		MAXIMUM RATED CAPACITY		EYE LENGTH		MESH LENGTH	
		IN	mm	LB	KN	IN	mm	IN	mm
30658	783310306580	.50 - .61	12.7 - 15.50	300	1.3	7	177.8	6	152.4
31024	783310310242	.62 - .74	15.6 - 18.9	360	1.6	7	177.8	8	203.2
30660	783310306603	.75 - .99	19 - 25.3	440	1.9	7	177.8	10	254
31026	783310310266	1.00 - 1.24	25.4 - 31.5	680	3	8	203.2	12	304.8
30662	783310306627	1.25 - 1.49	31.6 - 38.0	900	4	8	203.2	14	355.6
31028	783310310280	1.50 - 1.74	38.1 - 44.3	1160	5.1	9	228.6	15	381
30664	783310306641	1.75 - 1.99	44.4 - 50.7	1520	6.7	10	254	16	406.4
31030G	783310310303	2.00 - 2.49	50.8 - 63.4	1800	8	10	254	19	482.6
30666	783310306665	2.50 - 2.99	63.5 - 76.1	2200	9.7	10	254	20	508
31032	783310310327	3.00 - 3.49	76.2 - 88.8	2400	10.6	12	304.8	21	533.4
30668	783310306689	3.50 - 3.99	88.9 - 101.3	2400	10.6	12	304.8	24	610

**NOTE:** Properly rated rope is critical to cable pulling. See page 225 for rope selection by rating.

# CABLE PULLING LUBRICANTS

## CABLE PULLING LUBRICANT SELECTION GUIDE



Clear Lube™



Cable-Cream™



Cable-Gel™



Winter-Gel™

APPLICATION	Electrical or datacom use. Clear and colorless for easy cleanup.	Electrical use. Heavy-duty lubricant adheres well to cable without messy dripping.	Electrical or datacom use. Cleans up quickly, non-staining. Can be applied by hand or pump.	Electrical or datacom use. Cleans up quickly, non-staining. Can be applied by hand or pump.
Application Temperature Range (°F)	20°F - 190°F	20°F - 190°F	20°F - 190°F	20°F - 190°F
Application Temperature Range (°C)	-6°C - 88°C	-6°C - 88°C	-6°C - 88°C	-6°C - 88°C
Minimum Storage Temperature	30° F/-1 C	30° F/-1 C	30° F/-1 C	30° F/-1 C
Base	Polymer	Wax	Polymer	Polymer
Average Coefficient of Friction*	0.26	0.11	0.18	0.21
Color	Clear	Yellow	Blue/Green	Blue

### COMPATIBILITY (CABLE TYPE)

Rubber	X	X	X	X
Neoprene	X	X	X	X
Nylon	X	X	X	X
PVC	X	X	X	X
High-density or cross linked polyethylene	X	X	X	X
Low-density polyethylene	X	X	X	X
Semiconducting jacket	X	X	X	X
Hypalon	X	X	X	X

\*(IEEE 375-2 test procedure) kinetic coefficient of friction tested at 300 lb/ft sidewall bearing pressure

### Cable Lubricant Quantity Chart

The following equation is a general guideline to determine the amount of cable lubricant to use for an average cable pull.

$$Q = 0.0015 \times L \times D$$

Where:

Q = Quantity of cable lubricant to use in gallons

L = Length of cable pull in feet

D = Diameter of conduit or duct in inches

If the following situations apply, consider using additional lubricant:

- The cable jacket is hard and/or cable is very stiff
- The conduit is rough or dirty
- There are many bends to pull through
- The percentage of conduit filled by the cable is unusually high
- The conduit is water filled

### SPECIFICATIONS

Pull Length	1"	2"	3"	4"
200'	0.3 gal	0.6 gal	0.9 gal	1.2 gal
300'	0.5 gal	0.9 gal	1.4 gal	1.8 gal
400'	0.6 gal	1.2 gal	1.8 gal	2.4 gal
600'	0.9 gal	1.8 gal	2.7 gal	3.6 gal
800'	1.2 gal	2.4 gal	3.6 gal	4.8 gal
1000'	1.5 gal	3.0 gal	4.5 gal	6.0 gal



## Cable-Cream™ Cable Pulling Lubricant

- Advanced formula, light yellow cream makes pulling faster and easier
- Compatible with all cable insulation types
- Dries slowly to a thin, non-conductive, non-hardening residue
- Adheres well to the cable without messy dripping; Reduces waste
- Cleans up easily and is non-staining
- Won't break down or separate after exposure to freezing cold or blistering heat
- Environmentally friendly and non-corrosive
- Ideal for hot weather environment

### SPECIFICATIONS

<b>Weight</b>	CRM-Q: 2.3 lb (1 kg) CRM-5: 42 lb (19.1 kg) CRM-1: 9.5 lb (4.3 kg)
<b>Viscosity</b>	30,000 – 45,000 CPS
<b>PH Range</b>	7.0 – 8.0
<b>Average COF</b>	0.11

CAT. NO.	UPC NO.	DESCRIPTION
CRM-Q	783310352075	Cable-Cream One Quart Squeeze Bottle (.95 l)
CRM-1	783310352082	Cable-Cream One Gallon (3.79 l)
CRM-5	783310352099	Cable-Cream 5 Gallons (18.93 l)



## Cable-Gel™ Cable Pulling Lubricant

- Polymer-based, no silicon lubricant offers lower friction and easier pulling
- Compatible with all cable insulation types
- Cleans up quickly. Non-staining
- Higher lubricity than competitive products
- Will not cement itself to the pipe
- Dries slowly
- Can be applied by hand or pump
- Will not break down or separate after exposure to heat or cold
- Environmentally friendly and non-corrosive
- Ideal for indoor environment

### SPECIFICATIONS

<b>Weight</b>	GEL-Q: 2.3 lb (1 kg) GEL-1: 8.5 lb (3.9 kg) GEL-5: 45 lb (20.4 kg) GEL-55: 498 lb (225.9 kg)
<b>Viscosity</b>	8,000 – 12,000 CPS
<b>PH Range</b>	7.0 – 8.0
<b>Average COF</b>	0.18

CAT. NO.	UPC NO.	DESCRIPTION
GEL-Q	783310352112	Cable-Gel One Quart Squeeze Bottle (.95 l)
GEL-1	783310352129	Cable-Gel One Gallon (3.79 l)
GEL-5	783310352136	Cable-Gel 5 Gallons (18.93 l)



WGEL-5

WGEL-Q

WGEL-1

## Winter-Gel™ Cable Pulling Lubricant

- Winter-Gel will not freeze until -25° F (-31° C)
- Reduces friction for easy pulling
- Compatible with all cable insulation types
- Cleans up quickly and easily
- High lubricity
- Can be used all year long
- Environmentally friendly and non-corrosive
- Ideal for cold weather environment

### SPECIFICATIONS

<b>Weight</b>	WGEL-Q: 2.3 lb (1 kg) WGEL-1: 9 lb (4.1 kg) WGEL-5: 44 lb (20 kg)
<b>Viscosity</b>	10,000 – 14,000 CPS
<b>PH Range</b>	7.0 – 8.0
<b>Average COF</b>	0.21

CAT. NO.	UPC NO.	DESCRIPTION
WGEL-Q	783310352150	Winter-Gel Pulling Lube One Quart Squeeze Bottle (.95 l)
WGEL-1	783310352167	Winter-Gel Pulling Lube One Gallon (3.79 l)
WGEL-5	783310352174	Winter-Gel Pulling Lube 5 Gallons (18.93 l)



CLR-5

CLR-Q

CLR-1



## Clear Lube™

- Designed for use within electrical or datacom cable pulls
- Clear and colorless for quick, easy clean-up
- Environmentally friendly and non-corrosive
- Easy to apply either by hand, brush or pump
- Polymer base with no silicon additives
- Three-year shelf life with no deterioration in lubricant

### SPECIFICATIONS

<b>Weight</b>	CLR-Q: 2.3 lb (1.0 kg) CLR-1: 7.6 lb (3.5 kg) CLR-5: 44.8 lb (20.4 kg)
<b>Viscosity</b>	10,000 – 20,000 CPS
<b>PH Range</b>	6.0 – 8.0
<b>Average COF</b>	0.26

CAT. NO.	UPC NO.	DESCRIPTION
CLR-Q	783310104377	Clear Lube Pulling Lubricant, One Quart (.95 l)
CLR-1	783310104384	Clear Lube Pulling Lubricant, One Gallon (3.79 l)
CLR-5	783310104391	Clear Lube Pulling Lubricant, 5 Gallons (18.93 l)

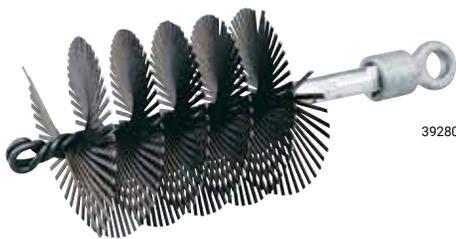
# SWABS, BRUSHES, MANDRELS



## Lube Spreader Swab

- Spreads a coat of wire lubricant in duct before installation of cable
- Cleans mud, dirt, and light debris from duct before pulling
- Tapered shape permits bi-directional use
- Will not damage inner walls of duct

CAT. NO.	UPC NO.	DUCT SIZE		MAXIMUM DISK SIZE		MAXIMUM RATED CAPACITY		WEIGHT	
		IN	mm	IN	mm	LB	KN	LB	KG
16854	783310168546	2	50.8	1.75	44.5	4800	21.3	.5	.23
16856	783310168560	2.5	63.5	2.25	57.2	4800	21.3	.6	.27
16857	783310168577	3	76.2	2.75	69.9	4800	21.3	1.5	.68
16858	783310168584	3.5	88.9	3.25	82.6	4800	21.3	2.0	.91
16859	783310168591	4	102	3.75	95.3	4800	21.3	2.5	1.13
17370	783310173700	5	127	4.75	120.7	4800	21.3	3.5	1.59
17571	783310175711	6	152	5.75	146.1	4800	21.3	4.0	1.81



## Wire Duct Brush

- Flat steel bristles for maximum cleaning of sand, grit and light obstructions from duct
- Pulling eye on one end and smaller twisted eye on the other end for tailing line allows bi-directional use
- Can be pulled to loosen dried material before using mandrels or spreader swabs

CAT. NO.	UPC NO.	DUCT SIZE		MAXIMUM DIAMETER		MAXIMUM RATED CAPACITY		WEIGHT	
		IN	mm	IN	mm	LB	KN	LB	KG
39274	783310392743	2	50.8	1.87	47.5	200	.89	.83	.38
39276	783310392767	2.5	63.5	2.38	60.5	200	.89	.83	.38
39278	783310392781	3	76.2	2.87	72.9	200	.89	.83	.38
39280	783310392804	3.5	88.9	3.38	85.9	200	.89	.90	.41
39282	783310392828	4	102	3.87	98.3	200	.89	.95	.43
39284	783310392842	5	127	4.87	123.7	200	.89	1.15	.52
39286	783310392866	6	152	5.87	149.1	200	.89	1.28	.58

## Flexible Mandrel



- Useful for cleaning out mud, dirt, and light obstacles from ducts before installation of cable
- Can be used around tight bends due to convex contacts between disks
- Tapered profile allows pulling in either direction and pulling eyes on both ends
- Polyurethane disks do not damage inner walls of duct

CAT. NO.	UPC NO.	DUCT SIZE		MAXIMUM DISK SIZE		MAXIMUM RATED CAPACITY		WEIGHT	
		IN	mm	IN	mm	LB	KN	LB	KG
39265	783310392651	2	50.8	1.88	47.7	2330	10.3	1	.45
39263	783310392637	2.5	63.5	2.19	55.6	2330	10.3	1	.45
39261	783310392613	3	76.2	2.81	71.4	2330	10.3	1.5	.68
39259	783310392590	3.5	88.9	3.25	82.5	4800	21.3	3.5	1.59
39257	783310392576	4	102	3.75	95.3	4800	21.3	4.5	2.04
39255	783310392552	5	127	4.69	119.1	4800	21.3	6	2.72

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# WIRE & CABLE TERMINATION

Greenlee wire and cable termination tools are UL and cUL classified with seven major brands of Lugs and Splices. Choose from smart features such as Intelli-CRIMP® and autostop on Gator® brand battery tools, or try our comprehensive selection of manual tools whenever you need to strip, cut, and crimp wire and cable.

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## INNOVATION

The new Greenlee Gator Insulated Series battery-powered hydraulic cutting and crimping tools feature a patent-pending design to help protect operators from electrical shock up to 1000V.

This Tri-Insulation Barrier impedes voltage from discharging between the head and tool body. Each tool undergoes dielectric testing as part of our production process to assure voltage protection up to 1000V.

## SAFER OPERATION

When working on or near live circuits in low-voltage areas, the use of insulated manual hand tools are often required. In tight or enclosed workspaces, exerting the force necessary to operate insulated manual hand tools can be challenging and dangerous.

The new battery powered Gator Insulated Series of cutting and crimping tools can help reduce the operator's field of movement and exertion, which can improve precision and safety in these hazardous and confined work conditions. Applications include installation of cable joints, working on overhead service lines, meters and street lighting.

---

## KEY GATOR INSULATED SERIES FEATURES



### TRI-INSULATION BARRIER

Provides three (3) layers of protection (Patent Pending)



### BRUSH-GUARDED HEAD

Helps avoid accidental contact with conductors



### 360° ROTATING HEAD

For improved agility in confined work spaces



### BLUETOOTH® COMMUNICATION

Connects with Greenlee i-press® App



# INSULATED CUTTING TOOLS

## ES20HVX, ESC32HVX, ESC25HVX

**NEW**



ES20HVX



### ES20HVX – IN-LINE ACSR CUTTER

CAT NO.	UPC NO.	DESCRIPTION
<b>N</b> ES20HVX11	783310040491	20 mm Cutter, (PVC) 120V Charger, Two 4.0Ah Batteries
<b>N</b> ES20HVX12	783310040507	20 mm Cutter, (PVC) 12V Charger, Two 4.0Ah Batteries
<b>N</b> ES20HVX22	783310040514	20 mm Cutter, (PVC) 230V Charger, Two 4.0Ah Batteries
<b>N B</b> ES20HVXB	783310040521	20 mm Cutter, (PVC) Bare Tool Only



ES32HVX

### ES32HVX – IN-LINE CABLE CUTTER

CAT NO.	UPC NO.	DESCRIPTION
<b>N</b> ES32HVX11	783310038085	32 mm Cutter, (PVC) 120V Charger, Two 4.0Ah Batteries
<b>N</b> ES32HVX12	783310038092	32 mm Cutter, (PVC) 12V Charger, Two 4.0Ah Batteries
<b>N</b> ES32HVX22	783310038108	32 mm Cutter, (PVC) 230V Charger, Two 4.0Ah Batteries
<b>N B</b> ES32HVXB	783310038115	32 mm Cutter, (PVC) Bare Tool Only



ESC25HVX



### ESC25HVX – IN-LINE ACSR CUTTER

CAT NO.	UPC NO.	DESCRIPTION
<b>N</b> ESC25HVX11	783310040538	25 mm Cutter, (PVC) 120V Charger, Two 4.0Ah Batteries
<b>N</b> ESC25HVX12	783310040545	25 mm Cutter, (PVC) 12V Charger, Two 4.0Ah Batteries
<b>N</b> ESC25HVX22	783310040552	25 mm Cutter, (PVC) 230V Charger, Two 4.0Ah Batteries
<b>N B</b> ESC25HVXB	783310040569	25 mm Cutter, (PVC) Bare Tool Only



# INSULATED CUTTING TOOLS

ESC35HVX, ESC50HVX

**NEW**



ESC35HVX

### ESC35HVX – IN-LINE CABLE CUTTER

CAT NO.	UPC NO.	DESCRIPTION
<b>N</b> ESC35HVX11	783310038122	35 mm Cutter, (PVC) 120V Charger, Two 4.0Ah Batteries
<b>N</b> ESC35HVX12	783310038139	35 mm Cutter, (PVC) 12V Charger, Two 4.0Ah Batteries
<b>N</b> ESC35HVX22	783310038146	35 mm Cutter, (PVC) 230V Charger, Two 4.0Ah Batteries
<b>N</b> <b>B</b> ESC35HVXB	783310038153	35 mm Cutter, (PVC) Bare Tool Only



ESC50HVX

### ESC50HVX – IN-LINE CABLE CUTTER

CAT NO.	UPC NO.	DESCRIPTION
<b>N</b> ESC50HVX11	783310038160	50 mm Cutter, (PVC) 120V Charger, Two 4.0Ah Batteries
<b>N</b> ESC50HVX12	783310038177	50 mm Cutter, (PVC) 12V Charger, Two 4.0Ah Batteries
<b>N</b> ESC50HVX22	783310038184	50 mm Cutter, (PVC) 230V Charger, Two 4.0Ah Batteries
<b>N</b> <b>B</b> ESC50HVXB	783310038191	50 mm Cutter, (PVC) Bare Tool Only



# INSULATED CRIMPING TOOLS

## EK425VX, EK628VX

**NEW**



EK425VXDBG11

### EK425VHX – 6-TON IN-LINE CRIMPER

CAT NO.	UPC NO.	DESCRIPTION
<b>N</b> EK425VXD011	783310041283	6-Ton Crimper, CJD30 Jaw, 120V Charger, Two 4.0Ah Batteries
<b>N</b> EK425VXD012	783310041290	6-Ton Crimper, CJD30 Jaw, 12V Charger, Two 4.0Ah Batteries
<b>N</b> EK425VXD022	783310041306	6-Ton Crimper, CJD30 Jaw, 230V Charger, Two 4.0Ah Batteries
<b>N</b> <b>B</b> EK425VXDOB	783310041313	6-Ton Crimper, CJD30 Jaw, Bare Tool Only
<b>N</b> EK425VXDBG11	783310041993	6-Ton Crimper, CJD3BG Jaw, 120V Charger, Two 4.0Ah Batteries
<b>N</b> EK425VXDBG12	783310042006	6-Ton Crimper, CJD3BG Jaw, 12V Charger, Two 4.0Ah Batteries
<b>N</b> EK425VXDBG22	783310042013	6-Ton Crimper, CJD3BG Jaw, 230V Charger, Two 4.0Ah Batteries
<b>N</b> <b>B</b> EK425VXDBGB	783310042020	6-Ton Crimper, CJD3BG Jaw, Bare Tool Only
<b>N</b> EK425VXK11	783310042037	6-Ton Crimper, CJK Jaw, 120V Charger, Two 4.0Ah Batteries
<b>N</b> EK425VXK12	783310042044	6-Ton Crimper, CJK Jaw, 12V Charger, Two 4.0Ah Batteries
<b>N</b> EK425VXK22	783310042105	6-Ton Crimper, CJK Jaw, 230V Charger, Two 4.0Ah Batteries
<b>N</b> <b>B</b> EK425VXKB	783310042112	6-Ton Crimper, CJK Jaw, Bare Tool Only
<b>N</b> EK425VD11	783310042129	6-Ton Crimper, CJD3 Jaw, 120V Charger, Two 4.0Ah Batteries
<b>N</b> EK425VD12	783310042136	6-Ton Crimper, CJD3 Jaw, 12V Charger, Two 4.0Ah Batteries
<b>N</b> EK425VD22	783310042143	6-Ton Crimper, CJD3 Jaw, 230V Charger, Two 4.0Ah Batteries
<b>N</b> <b>B</b> EK425VXDB	783310042150	6-Ton Crimper, CJD3 Jaw, Bare Tool Only

**NOTE:** Connections are UL and cUL classified for copper and aluminum, when used with Greenlee tools on Anderson®, Blackburn®, Burndy®, ILSCO®, Panduit®, Thomas & Betts® and Penn-Union® Color-Coded Lugs and Splices.



EK628VX11

### EK628VX – 6-TON IN-LINE CRIMPER

CAT NO.	UPC NO.	DESCRIPTION
<b>N</b> EK628VX11	783310042549	6-Ton Crimper, CJ22 Jaw, 120V Charger, Two 4.0Ah Batteries
<b>N</b> EK628VX12	783310042556	6-Ton Crimper, CJ22 Jaw, 12V Charger, Two 4.0Ah Batteries
<b>N</b> EK628VX22	783310042600	6-Ton Crimper, CJ22 Jaw, 230V Charger, Two 4.0Ah Batteries
<b>N</b> <b>B</b> EK628VXB	783310042617	6-Ton Crimper, CJ22 Jaw, Bare Tool Only

**NOTE:** Connections are UL and cUL classified for copper and aluminum, when used with Greenlee tools on Anderson®, Blackburn®, Burndy®, ILSCO®, Panduit®, Thomas & Betts® and Penn-Union® Color-Coded Lugs and Splices.



## INSULATED CRIMPING TOOLS

EK622CVX, EK6IDCVX

**NEW**



EK622CVX11

### EK622CVX – 6-TON IN-LINE CRIMPER

CAT NO.	UPC NO.	DESCRIPTION
<b>N</b> EK622CVX11	783310041030	6-Ton Crimper, 622 Jaw, 120V Charger, Two 4.0Ah Batteries
<b>N</b> EK622CVX12	783310041047	6-Ton Crimper, 622 Jaw, 12V Charger, Two 4.0Ah Batteries
<b>N</b> EK622CVX22	783310041054	6-Ton Crimper, 622 Jaw, 230V Charger, Two 4.0Ah Batteries
<b>N B</b> EK622CVXB	783310041061	6-Ton Crimper, 622 Jaw, Bare Tool Only

**NOTE:** Connections are UL and cUL classified for copper and aluminum, when used with Greenlee tools on Anderson®, Blackburn®, Burndy®, ILSCO®, Panduit®, Thomas & Betts® and Penn-Union® Color-Coded Lugs and Splices.



EK6IDCVX11

### EK6IDCVX – 6-TON IN-LINE INDENTER

CAT NO.	UPC NO.	DESCRIPTION
<b>N</b> EK6IDCVX11	783310042624	6-Ton Crimper, (PVC) 6ID Jaw, 120V Charger, Two 4.0Ah Batteries
<b>N</b> EK6IDCVX12	783310042648	6-Ton Crimper, (PVC) 6ID Jaw, 120V Charger, Two 4.0Ah Batteries
<b>N</b> EK6IDCVX22	783310042655	6-Ton Crimper, (PVC) 6ID Jaw, 120V Charger, Two 4.0Ah Batteries
<b>N B</b> EK6IDCVXB	783310042662	6-Ton Crimper, (PVC) 6ID Jaw, Bare Tool Only

**NOTE:** Connections are UL and cUL classified for copper and aluminum, when used with Greenlee tools on Anderson®, Blackburn®, Burndy®, ILSCO®, Panduit®, Thomas & Betts® and Penn-Union® Color-Coded Lugs and Splices.





Greenlee Gator® tools combine industry-leading technology and ergonomic designs to help you work smarter on the jobsite. With features including i-press® diagnostics and Intelli-CRIMP® technology such as, Automatic Retraction Stop (ARS), you can be sure the job is done right.



### IMPROVE SAFETY

Updated tool design provides a lightweight ergonomic solution for confined work areas



### WORK SMARTER

Bluetooth® networked tools interface to diagnose any tool to keep optimal overview of tool performance



### BE MORE PRODUCTIVE

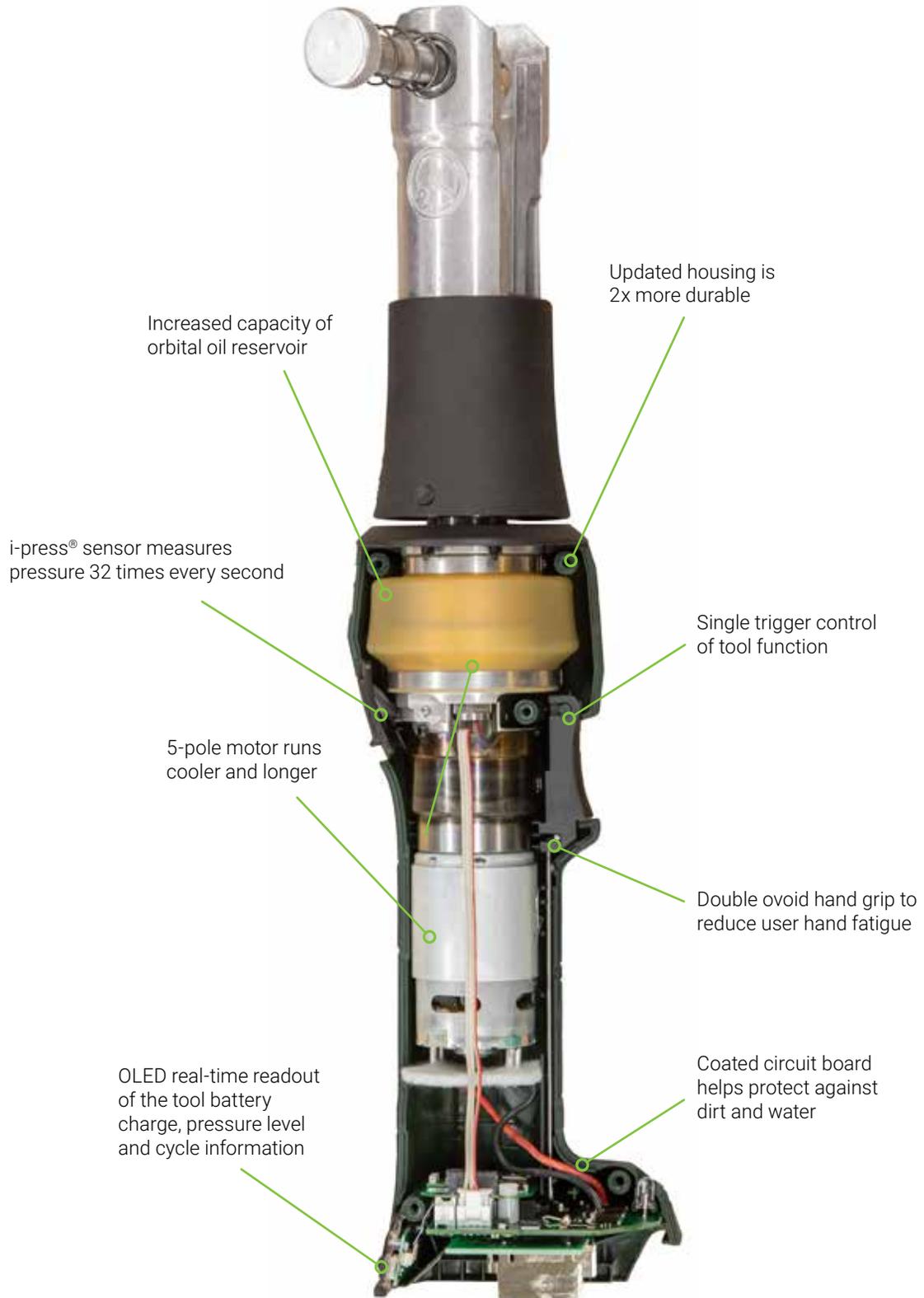
Save time on the jobsite with innovative features such as Automatic Retraction Stop (ARS)



### MAXIMIZE POWER SUPPLY

High capacity Makita® battery platform provides active battery monitoring

# THE NEW DESIGN STANDARD



# INDUSTRY'S FIRST IN-HOUSE ERGONOMICS TESTING LAB

## ErgoLab®

### THIRD PARTY TEST RESULTS

Greenlee's in-house ErgoLab has partnered with Iowa State University's ATHENA lab, a premier engineering and scientific leader in ergonomic testing, to compare our battery tools against the competition.



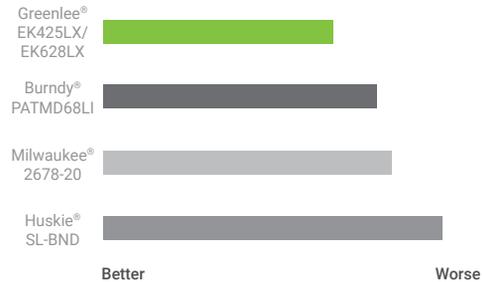
### SURVEY SPOTLIGHT

Participants rated the tools in 8 performance categories on a 10-point scale after using the tools, with 1 being best and 10 being worst. The Greenlee EK425LX/EK628LX was rated the best 6-ton crimper overall in all eight performance categories. A highlight of the surveyed categories include:

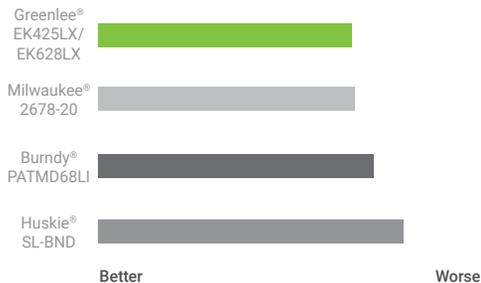
#### Weight



#### Speed / Efficiency



#### Hand Size Fit / Comfort



#### Trigger Design



#### Force / Effort



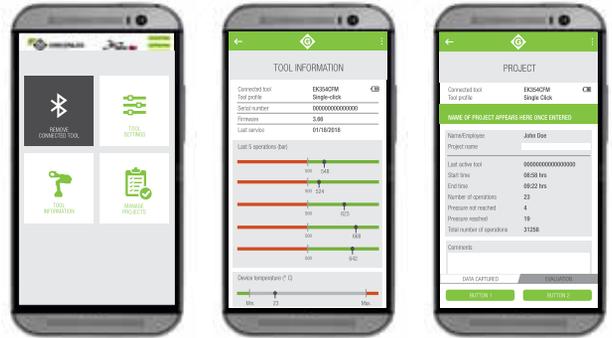
#### Overall



# WIRE & CABLE TERMINATION

## I-PRESS® APP

- Personalize your tool settings
- Review tool performance data
- Choose individual user profiles
- Create and send work history PDF's
- Available for your smart phone or tablet on iOS and Android platforms



## I-PRESS® DESKTOP SOFTWARE

- Software designed to make connecting your mobile device simple
- Bluetooth® enabled on compatible PCs
- Set service intervals and download work history reports
- Add user and inventory information to your Gator® tools
- Review wave forms in AMP and PSI
- The i-press desktop software is compatible with all Gator tools manufactured from 1994-present. L-model tools will need to use the PGA-1 diagnostic tool, X-model tools can use either the PGA-1 or remotely connect via Bluetooth®



Download is free and available at [Greenlee.com](http://Greenlee.com)



# WORK SMARTER



## Monitors Pressure

Intelli-CRIMP® technology measures pressure and amperage 32 times every second

## Polices the Crimp

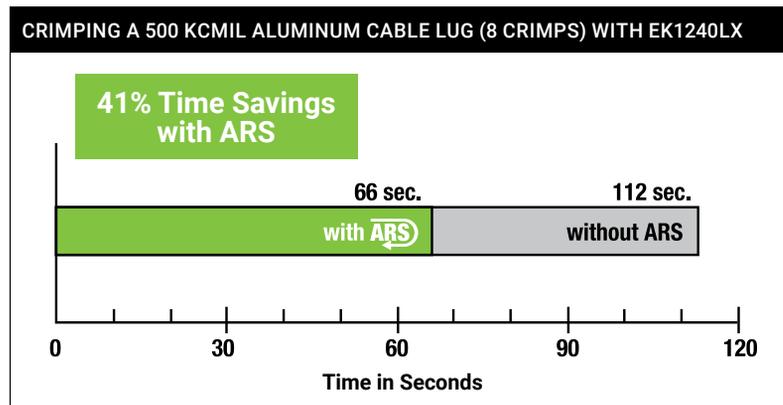
Alerts operator visually and audibly if crimp force is not achieved

## Retracts Automatically

Tool signals user that crimp is complete by retracting ram automatically

## Saves Time

Smart tool minimizes the retraction distance after each cycle utilizing Automatic Retraction Stop (ARS) which retracts the ram just enough to get ready for the next cycle, saving time and energy. Additionally, the Retraction Stop Repeat (RSR) feature allows the operator to partially retract the ram repeating the retraction for subsequent crimps.



After a cut or crimp, **Automatic Retraction Stop (ARS)** prevents full retraction of the ram, saving time when making multiple crimps compared to crimping without ARS.

## Understanding what the Tool is Saying

Red Bi-LED	Work LED	Audio	Description
 20 sec			Glowing for 20 seconds after crimp, battery discharged
 2 x			Self check after battery insertion
 20 sec/2Hz			Flashing for 20 seconds at 2Hz after crimp = return for service
 20 sec/5Hz			Flashing for 20 seconds at 5Hz during high temperature = unit too hot
 			20 seconds glowing and 20 seconds flashing intermittently after crimp = service required and battery flat
 1 x	 1 x		Error: the necessary oil pressure was not reached, or there is a manual retraction with the motor not running
 3 x	 3 x		Error: the necessary oil pressure with the motor running was not achieved



# 6-TON IN-LINE EK425LX, EK628LX



EK425LX

EK628LX

- Intelli-CRIMP® technology notifies operator with a visual and audible alert in real time if crimp force is not achieved
- One trigger controls all tool functions
- Crimping head rotates 350°
- Patented spring pin jaw engagement
- LED work light illuminates dark work areas
- LED display with real time PSI reading
- Bluetooth® enabled
- EK628LX used with Greenlee 22 series dies – See page 262

## SPECIFICATIONS

Crimping Force	6-Ton (54kN)
Length	14-3/4" (375 mm) without head or battery
Width	4" (108 mm)
Weight	6.6 lb (3 kg)
Battery	18V 4.0Ah Li-ion (EK425) or 18V 2.0Ah Li-ion (EK628)

## CAPACITY (EK425LX)

5/8" Service Entrance Connectors	10-1/0 AWG
.840 Service Entrance Connectors	1/0-4/0 AWG
Aluminum "H" Taps	6-4/0 AWG
Copper "H" Taps	10-2 AWG
Copper Tension Splices	6-2/0 AWG
Aluminum Tension Splices	6-4/0 AWG
One Piece ACSR Tension Splices	4-1/0 AWG
Two Piece ACSR Tension Splices	2 AWG to 477 kcmil
Aluminum Jumper Splices	4 AWG to 266.8 kcmil
Stirrups	2-4/0 AWG
Aluminum Color-Coded Lugs and Splices	8-4/0 AWG

## CAPACITY (EK628LX)

Copper color-coded connectors	8 AWG to 600 kcmil
Aluminum color-coded connectors	8 AWG to 350 kcmil



## INTERCHANGEABLE JAWS FOR EK425 AND EK628

### CRIMPING JAWS



CJD30

CJD3BG

CJD3

CJK

CJXPJ

### CUTTING JAWS



CJB

CJ-CUAL

CJ-ACSR1

# WIRE & CABLE TERMINATION

## EK425LX

CAT NO.	UPC NO.	DESCRIPTION
EK425LXDO11	783310609056	6-Ton Crimper, CJD30 Jaw, 120V Charger, Two 4.0Ah Batteries
EK425LXDO12	783310609063	6-Ton Crimper, CJD30 Jaw, 12V Charger, Two 4.0Ah Batteries
EK425LXDO22	783310609070	6-Ton Crimper, CJD30 Jaw, 230V Charger, Two 4.0Ah Batteries
<b>B</b> EK425LXDOB	783310609087	6-Ton Crimper, CJD30 Jaw, Bare Tool Only
EK425LXDBG11	783310609094	6-Ton Crimper, CJD3BG Jaw, 120V Charger, Two 4.0Ah Batteries
EK425LXDBG12	783310609100	6-Ton Crimper, CJD3BG Jaw, 12V Charger, Two 4.0Ah Batteries
EK425LXDBG22	783310609117	6-Ton Crimper, CJD3BG Jaw, 230V Charger, Two 4.0Ah Batteries
<b>B</b> EK425LXDBGB	783310609124	6-Ton Crimper, CJD3BG Jaw, Bare Tool Only
EK425LXK11	783310609131	6-Ton Crimper, CJK Jaw, 120V Charger, Two 4.0Ah Batteries
EK425LXK12	783310609148	6-Ton Crimper, CJK Jaw, 12V Charger, Two 4.0Ah Batteries
EK425LXK22	783310609155	6-Ton Crimper, CJK Jaw, 230V Charger, Two 4.0Ah Batteries
<b>B</b> EK425LXKB	783310609162	6-Ton Crimper, CJK Jaw, Bare Tool Only
EK425LXD11	783310609179	6-Ton Crimper, CJD3 Jaw, 120V Charger, Two 4.0Ah Batteries
EK425LXD12	783310609186	6-Ton Crimper, CJD3 Jaw, 12V Charger, Two 4.0Ah Batteries
EK425LXD22	783310609193	6-Ton Crimper, CJD3 Jaw, 230V Charger, Two 4.0Ah Batteries
<b>B</b> EK425LXDB	783310609209	6-Ton Crimper, CJD3 Jaw, Bare Tool Only

## EK628LX

CAT NO.	UPC NO.	DESCRIPTION
EK628LX11	783310609391	6-Ton Crimper, CJ22 Jaw, 120V Charger, Two 2.0Ah Batteries
EK628LX12	783310609407	6-Ton Crimper, CJ22 Jaw, 12V Charger, Two 2.0Ah Batteries
EK628LX22	783310609414	6-Ton Crimper, CJ22 Jaw, 230V Charger, Two 2.0Ah Batteries
<b>B</b> EK628LXB	783310609445	6-Ton Crimper, CJ22 Jaw, Bare Tool Only

## JAWS

CAT NO.	UPC NO.	DESCRIPTION
<b>A</b> C-J-CUAL	783310082231	Dual Cutter Jaw Assembly
<b>A</b> C-J-ASCR1	783310082248	ASCR Cutter Jaw Assembly
<b>A</b> CJD3	783310032427	Crimping Jaw with single D die groove
<b>A</b> CJD3BG	783310845157	Crimping Jaw Unit – D and BG die grooves
<b>A</b> CJD3O	783310845140	Crimping Jaw Unit – D and O die grooves
<b>A</b> CJK	783310048299	Crimping Jaw Unit for Kearney "O" dies
<b>A</b> CJB	783310845133	Cutting Jaw for one-time disposable lock hasps
<b>A</b> CJPXJ	783310845126	Crimping Jaw with Nicopress X, P, & J die grooves

## ACCESSORIES

CAT NO.	UPC NO.	DESCRIPTION
<b>A</b> 05167	783310051671	18V 4.0Ah Li-ion Battery
<b>A</b> 52178	783310521785	120V Li-ion Battery Charger
<b>A</b> 52179	783310521792	230V Li-ion Battery Charger
<b>A</b> 52180	783310521808	12V Li-ion Battery Charger
<b>A</b> 12274	783310122746	Carrying Strap
<b>A</b> CP1	783310030782	Tool Pouch
<b>A</b> K22S1GL	783310122746	Die Kit for 8 AWG to 600 kcmil Copper Connectors (Includes all copper die sets listed below and carrying case)
<b>A</b> KD06AL	783310016311	Die Kit for 8 AWG to 350 kcmil Aluminum Connectors (Includes all aluminum die sets listed on page 18 and carrying case)

CJD Series Jaws Accept KD6 dies (Page 262) or Industry Standard "W" Style Dies.  
 CJK Jaws Accept Kearney® "O", Thomas & Betts® 6-Ton, or Blackburn® "OD" Dies.

# 6-TON IN-LINE EK622LX



EK622LX

- Intelli-CRIMP® technology notifies operator with a visual and audible alert in real time if crimp force is not achieved
- One trigger controls all tool functions
- Crimping head rotates 350°
- Used with Greenlee® KC22 and KA22 series crimping dies
- Includes 04292 die adapters which can be used with all industry "W" style crimping dies and Greenlee KD6 style dies

## SPECIFICATIONS

<b>Crimping Force</b>	12,000 lb (53kN)
<b>Length</b>	15-3/4" (80 mm)
<b>Width</b>	2-7/8" (413 mm)
<b>Battery</b>	18V 2.0Ah Li-Ion
<b>Capacity</b>	Copper Color-Coded Lugs and Splices, 600 kcmil (MCM) Aluminum Color-Coded Lugs and Splices, 350 kcmil (MCM)

For capacity with other types of dies, see chart on page 262

CAT NO.	UPC NO.	DESCRIPTION
EK622LX11	783310609513	6-Ton Crimper, 120V Charger, Two 2.0Ah Batteries
EK622LX12	783310609520	6-Ton Crimper, 12V Charger, Two 2.0Ah Batteries
EK622LX22	783310609537	6-Ton Crimper, 230V Charger, Two 2.0Ah Batteries
<b>B</b> EK622LXB	783310609568	6-Ton Crimper, Bare Tool Only

## ACCESSORIES

CAT NO.	UPC NO.	DESCRIPTION
<b>A</b> 52177	783310521778	18V 2.0Ah Li-ion Battery
<b>A</b> 05167	783310051671	18V 4.0Ah Li-ion Battery
<b>A</b> 52178	783310521785	120V Li-ion Battery Charger
<b>A</b> 52179	783310521792	230V Li-ion Battery Charger
<b>A</b> 52180	783310521808	12V Li-ion Battery Charger
<b>A</b> 12274	783310122746	Carrying Strap
<b>A</b> 04292	783310042921	Die Adapter for "W" Type Dies



## Crimping Dies for 6-Ton Tools

Crimping dies on page 262

## 12-TON PISTOL EK1240LX, EK1240CLX, EK1250KLX



EK1240LX



EK1240CLX



EK1240KLX

- Intelli-CRIMP® technology notifies operator with a visual and audible alert in real time if crimp force is not achieved
- Automatic Retraction Stop (ARS) retracts the ram just enough to get ready for the next cycle saving time and energy
- One trigger controls all tool functions
- Crimping head rotates 350°
- EK1240L with 1.65" (42 mm) opening uses Greenlee KC12, KA12 & KD12 crimping dies plus all industry "U" style crimping dies, EK1240KL uses Kearney PH2 style crimping dies
- Covered head models have two layers of PVC that total approximately 3/16" (4.8 mm) thick

### SPECIFICATIONS

Crimping Force	12 Tons (106 kN)
Length	16-1/4" (80 mm)
Width	3-1/8" (413 mm)
Height	13-1/2" (343 mm)
Weight	15 lb (6.8 kg)
Capacity	8 AWG – 750 kcmil Cu & Al lugs and splices

CAT NO.	UPC NO.	DESCRIPTION
EK1240LX11	783310609834	12-Ton 42 mm Crimper, 120V Charger, Two 4.0Ah Batteries
EK1240LX12	783310609841	12-Ton 42 mm Crimper, 12V Charger, Two 4.0Ah Batteries
EK1240LX22	783310609858	12-Ton 42 mm Crimper, 230V Charger, Two 4.0Ah Batteries
<b>B</b> EK1240LXB	783310609889	12-Ton 42 mm Crimper, Bare Tool Only

### EK1240CLX – PVC BRUSH GUARD

CAT NO.	UPC NO.	DESCRIPTION
EK1240CLX11	783310610342	12-Ton 42 mm Crimper, 120V Charger, Two 4.0 Ah Batteries
EK1240CLX12	783310610359	12-Ton 42 mm Crimper, 12V Charger, Two 4.0 Ah Batteries
EK1240CLX22	783310610366	12-Ton 42 mm Crimper, 230V Charger, Two 4.0 Ah Batteries
<b>B</b> EK1240CLXB	783310610397	12-Ton 42 mm Crimper, Bare Tool Only

### EK1240KLX – PVC BRUSH GUARD

CAT NO.	UPC NO.	DESCRIPTION
EK1240KLX11	783310610465	12-Ton 30 mm Crimper, 120V Charger, Two 4.0 Ah Batteries
EK1240KLX12	783310610472	12-Ton 30 mm Crimper, 12V Charger, Two 4.0 Ah Batteries
EK1240KLX22	783310610489	12-Ton 30 mm Crimper, 230V Charger, Two 4.0 Ah Batteries
<b>B</b> EK1240KLXB	783310610519	12-Ton 30 mm Crimper, Bare Tool Only



### ACCESSORIES

CAT NO.	UPC NO.	DESCRIPTION
<b>A</b> 05167	783310051671	18V 4.0Ah Li-ion Battery
<b>A</b> 52178	783310521785	120V Li-ion Battery Charger
<b>A</b> 52179	783310521792	230V Li-ion Battery Charger
<b>A</b> 52180	783310521808	12V Li-ion Battery Charger
<b>A</b> 12274	783310122746	Carrying Strap



### Crimping Dies for 12-Ton Tools

Crimping dies on page 263

# 15-TON PISTOL

## EK1550FLX, EK1550LX



- Intelli-CRIMP® technology notifies operator with a visual and audible alert in real time if crimp force is not achieved
- Automatic Retraction Stop (ARS) retracts the ram just enough to get ready for the next cycle, saving time and energy
- Accepts P-style die to crimp splices and lugs up to 1500 kcmil copper and 1250 kcmil aluminum
- Accepts Kearney PH4/P14 dies without adapter
- Crimping head rotates 350°
- Includes UA15T U Die Adapter

### SPECIFICATIONS

<b>Crimping Force</b>	15 Tons (135 kN)
<b>Length</b>	18-1/2" (470 mm)
<b>Width</b>	3-1/8" (80 mm)
<b>Height</b>	13-1/2" (343 mm)
<b>Weight</b>	16.3 lb (7.4 kg)
<b>Capacity</b>	8 AWG –1550 kcmil Cu lugs and splices 8 AWG –1250 kcmil Al lugs and splices



### EK1550LX – KEARNEY STYLE

CAT NO.	UPC NO.	DESCRIPTION
EK1550LX11	783310610700	15-Ton Crimper, 120V Charger, Two 4.0 Ah Batteries
EK1550LX12	783310610717	15-Ton Crimper, 12V Charger, Two 4.0 Ah Batteries
EK1550LX22	783310610724	15-Ton Crimper, 230V Charger, Two 4.0 Ah Batteries
<b>B</b> EK1550LXB	783310609759	Crimper, 15T Li-ion, STD, Bare Tool Only

### EK1550LX – KEARNEY STYLE

CAT NO.	UPC NO.	DESCRIPTION
EK1550FLX11	783310610588	15-Ton Crimper, 120V Charger, Two 4.0 Ah Batteries
EK1550FLX12	783310610595	15-Ton Crimper, 12V Charger, Two 4.0 Ah Batteries
EK1550FLX22	783310610601	15-Ton Crimper, 230V Charger, Two 4.0 Ah Batteries
<b>B</b> EK1550FLXB	783310610632	Crimper Flip T, 15T Li-ion, STD, Bare Tool Only



### ACCESSORIES

CAT NO.	UPC NO.	DESCRIPTION
<b>A</b> 05167	783310051671	18V 4.0Ah Li-ion Battery
<b>A</b> 52178	783310521785	120V Li-ion Battery Charger
<b>A</b> 52179	783310521792	230V Li-ion Battery Charger
<b>A</b> 52180	783310521808	12V Li-ion Battery Charger
<b>A</b> 12274	783310122746	Carrying Strap
<b>A</b> HE.10310	783310234920	Handle
<b>A</b> UA15T	783310002604	Die Adapters – Greenlee® "U" style dies, Burndy® "U" style dies, ILSCO® ILD style dies, Thomas & Betts® 15500 style dies, Blackburn® 15500 style dies
<b>A</b> 48820	783310488200	Die Adapters – Burndy® P dies (Y46), ILSCO® ILD-P dies
<b>A</b> 48788	783310487883	Die Adapters – Thomas & Betts® 15600 dies, Blackburn® 15600 dies
<b>A</b> 48802	783310488026	Die Adapters – Greenlee® 12-Ton dies, Burndy® 12-Ton dies, ILSCO® ILD dies, Thomas & Betts® 15500 dies, Blackburn® 15500 dies
<b>A</b> 48824	783310488248	Die Adapters – Kearney PH2/WH2



CAUTION  
DO NOT TOUCH  
LIVE PARTS

DO NOT TOUCH  
LIVE PARTS

H1B

H2B

3B

# 4-TON IN-LINE EK410LX



EK410LX

- Intelli-CRIMP® technology notifies operator with a visual and audible alert in real time if crimp force is not achieved
- In-line tool style is lightweight and very easy to control
- Crimping head rotates 350°
- Used with Greenlee® KC4, KA4 and KD4 crimping dies – See page 261

### SPECIFICATIONS

<b>Crimping Force</b>	7,900 lb (35 kN)
<b>Length</b>	13-1/4" (337 mm)
<b>Width</b>	2-7/8" (73 mm)
<b>Weight</b>	4 lb (1.8 kg)
<b>Battery</b>	18V 2.0Ah Li-ion
<b>Capacity</b>	8 AWG to 300 kcmil copper color-coded connectors 8 AWG to 2/0 AWG kcmil aluminum color-coded connectors 5/8" service entrance connectors 840 service entrance connectors

### EK410LX

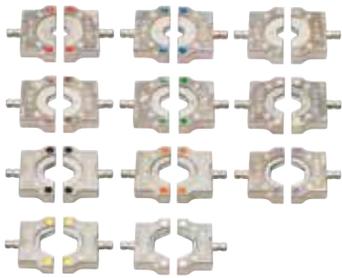
CAT NO.	UPC NO.	DESCRIPTION
EK410LX11	783310609278	4-Ton Crimper, 120V Charger, Two 2.0 Ah Batteries
EK410LX12	783310609285	4-Ton Crimper, 12V Charger, Two 2.0 Ah Batteries
EK410LX22	783310609292	4-Ton Crimper, 230V Charger, Two 2.0 Ah Batteries
<b>B</b> EK410LXB	783310609322	4-Ton Crimper, Bare Tool Only



### ACCESSORIES

CAT NO.	UPC NO.	DESCRIPTION
<b>A</b> 05167	783310051671	18V 4.0Ah Li-ion Battery
<b>A</b> 52177	783310521778	18V 2.0Ah Li-ion Battery
<b>A</b> 52178	783310521785	120V Li-ion Battery Charger
<b>A</b> 52179	783310521792	230V Li-ion Battery Charger
<b>A</b> 52180	783310521808	12V Li-ion Battery Charger
<b>A</b> 12274	783310122746	Carrying Strap

## 4-TON IN-LINE CRIMPING DIES



For Use With:



EK410LX  
page 260

### DIES FOR CRIMPING COLOR-CODED COPPER & ALUMINUM LUGS & SPLICES

CABLE SIZE	ALUMINUM		COPPER	
	CAT NO.	COLOR	CAT NO.	COLOR
8 AWG	KA4-8	BLUE	KC4-8	RED
6 AWG	KA4-6	GRAY	KC4-6	BLUE
4 AWG	KA4-4	GREEN	KC4-4	GRAY
2 AWG	KA4-2	PINK	KC4-2	BROWN
1 AWG	KA4-1	GOLD	KC4-1	GREEN
1/0 AWG	KA4-1/0	TAN	KC4-1/0	PINK
2/0 AWG	KA4-2/0	OLIVE	KC4-2/0	BLACK
3/0 AWG	-	-	KC4-3/0	ORANGE
4/0 AWG	-	-	KC4-4/0	PURPLE
250 KCMIL (MCM)	-	-	KC4-250	YELLOW
300 KCMIL (MCM)	-	-	KC4-300	WHITE

**\*NOTE:** Connections are UL and cUL classified for copper and aluminum when used with Anderson®, Blackburn®, ILSCO®, Panduit®, Thomas & Betts® and Penn-Union® Color-Coded Lugs and Splices.

### KC4 DIES FOR SERVICE ENTRANCE CONNECTORS

CAT NO.	UPC NO.	DESCRIPTION
KD4-10	783310020219	Crimping Dies for 5/8" Service Entrance Connectors
KD4-840	783310020226	Crimping Dies for 840 Service Entrance Connectors

### 4-TON CRIMPING DIE KIT\*

CAT NO.	UPC NO.	DESCRIPTION
KC4CU	783310020370	Complete Die Set for copper connectors. Includes dies for 8 AWG to 300 kcmil (MCM) copper connectors. (Dies can be stored in tool carrying case.)
KA4AL	783310122371	Complete die set for aluminum connectors. Includes dies for 8 AWG through 2/0 AWG. (Dies can be stored in tool carrying case.)

# 6-TON CRIMPING DIE COMPATIBILITY



FOR USE WITH:



EK622LX  
page 256



EK628LX  
page 254

FOR USE WITH:



EK425LX  
page 254



## Crimping Dies for 6-Ton Tools

- All dies on this page for use with battery tool models: ECCXLX, EK628LX, EK622LX

### SPECIFICATIONS – 22 SERIES CRIMPING DIES

Cable Size	Aluminum		Copper	
	Catalog No.	Color	Catalog No.	Color
8 AWG	KA22-8	Blue	KC22-8	Red
6 AWG	KA22-6	Gray	KC22-6	Blue
4 AWG	KA22-4	Green	KC22-4	Gray
2 AWG	KA22-2	Pink	KC22-2	Brown
1 AWG	KA22-1	Gold	KC22-1	Green
1/0 AWG	KA22-1/0	Tan	KC22-1/0	Pink
2/0 AWG	KA22-2/0	Olive	KC22-2/0	Black
3/0 AWG	KA22-3/0	Ruby	KC22-3/0	Orange
4/0 AWG	KA22-4/0	White	KC22-4/0	Purple
250 KCMIL (MCM)	KA22-250	Red	KC22-250	Yellow
300 KCMIL (MCM)	KA22-300	Blue	KC22-300	White
350 KCMIL (MCM)	KA22-350	Brown	KC22-350	Red
400 KCMIL (MCM)	–	–	KC22-400	Blue
500 KCMIL (MCM)	–	–	KC22-500	Brown
600 KCMIL (MCM)	–	–	KC22-600	Green

**NOTE:** Dies for Crimping Color-Coded Copper & Aluminum Lugs & Splices\* (Require UA22 adapter when used with ECCXL, HCCX, & RCCX tools)

### “W”-STYLE DIES

Catalog No.	Burndy No.	Catalog No.	Burndy No.
KD6-10	W-BG	KD6-18	W-166
KD6-11	W-O	KD6-19	W-243
KD6-12	W-C	KD6-20	W-247
KD6-13	W-K840	KD6-21	W-249
KD6-14	W-161	KD6-22	W-164
KD6-15	W-162	KD6-24	W-237
KD6-16	W-163	KD6-25	W-239
KD6-17	W-165	KD6-27	W-28K

**NOTE:** Dies for use with service entrance connectors, c-taps, h-taps, overhead and underground connectors (Require UAW adapter when used with ECCXL tools, Requires CJD3, CJD3BG, or CJD30 jaws when used with EK628L tools)

\*NOTE: Connections are UL and cUL classified for copper and aluminum, when used with Greenlee tools on Anderson®, Blackburn®, Burndy®, ILSCO®, Panduit®, Thomas & Betts® and Penn-Union® Color-Coded Lugs and Splices.

CAT. NO.	UPC NO.	DESCRIPTION
K22S1GL	783310030782	Die Kit for 8 AWG to 600 kcmil Copper Connectors – Includes all copper die sets listed below and carrying case
KD06AL	783310016311	Die Kit for 8 AWG to 350 kcmil Aluminum Connectors – Includes all aluminum die sets listed below and carrying case

## 12-TON CRIMPING DIE COMPATIBILITY

### Crimping Dies for 12-Ton Tools

- All dies on this page for use with models: EK1230L, EK1240L, HK1230, HK1240, RK1240, HKL1232, and E12CCX tools, and RK1550 equipped with 48802 die adapter



#### FOR USE WITH:



EK1240LX  
page 257



RK1240  
page 272



EK1550FLX  
page 258  
UA15T adapter needed  
with U-Style dies

#### SPECIFICATIONS – “U” STYLE DIES

Cable Size	Aluminum		Copper	
	Catalog No.	Color	Catalog No.	Color
8 AWG	KA12-8	Blue	KC12-8	Gray
6 AWG	KA12-6	Gray	KC12-6	Blue
4 AWG	KA12-4	Green	KC12-4	Gray
2 AWG	KA12-2	Pink	KC12-2	Brown
1 AWG	KA12-1	Gold	KC12-1	Green
1/0 AWG	KA12-1/0	Tan	KC12-1/0	Pink
2/0 AWG	KA12-2/0	Olive	KC12-2/0	Black
3/0 AWG	KA12-3/0	Ruby	KC12-3/0	Orange
4/0 AWG	KA12-4/0	White	KC12-4/0	Purple
250 KCMIL (MCM)	KA12-250	Red	KC12-250	Yellow
300 KCMIL (MCM)	KA12-300	Blue	KC12-300	White
350 KCMIL (MCM)	KA12-350	Brown	KC12-350	Red
400 KCMIL (MCM)	KA12-400	Green	KC12-400	Blue
500 KCMIL (MCM)	KA12-500	Pink	KC12-500	Brown
600 KCMIL (MCM)	KA12-600	Black	KC12-600	Green
750 KCMIL (MCM)	KA12-750	Yellow	KC12-750	Black

\*Connections are UL and cUL classified for copper and aluminum connectors when used with Greenlee tools on Anderson®, Blackburn®, FCI Burndy®, ILSCO®, Panduit®, Thomas & Betts® and Penn-Union® color-coded lugs and splices.

**NOTE:** Dies for Crimping Color-Coded Copper & Aluminum Lugs & Splices

#### ADDITIONAL “U” STYLE DIES

Catalog No.	Burndy No.	Catalog No.	Burndy No.	Catalog No.	Burndy No.
KD12-10	U-BG	KD12-19	U-243	KD12-36	U-654
KD12-11	U-O	KD12-20	U-247	KD12-37	U-655
KD12-12	U-C	KD12-21	U-249	KD12-38	U-658
KD12-14	U-161	KD12-30	U-D3	KD12-39	U-659
KD12-15	U-162	KD12-32	U-F	KD12-40	U-998
KD12-17	U-165	KD12-33	U-997	–	–
KD12-18	U-166	KD12-35	U-238		

CAT. NO.	UPC NO.	DESCRIPTION
KD12CU	783310102601	Die Kit for 6 AWG to 750 kcmil Copper Connectors – Includes all copper die sets below except KC12-8
KD12AL	783310102618	Die Kit for 6 AWG to 750 kcmil Aluminum Connectors – Includes all aluminum die sets below except 35776

# 6- AND 12-TON CCX MULTI-TOOLS E12CCXLX, E6CCXLX



E12CCXLX



## Crimping Dies for 12-Ton Tools

Crimping dies on page 263



E6CCXLX



## Crimping Dies for 6-Ton Tools

Crimping dies on page 262

- Retraction Stop Repeat (RSR) allows the operator to partially retract the ram and then the tool repeats the retraction for subsequent crimps
- Use optional CCX blades and adapters (see page 263)

### SPECIFICATIONS

<b>Crimping Force</b>	E12CCXLX – 24,000 lb (107kN) 12-Ton; E6CCXLX – 12,000 lb (53 kN) 6-Ton
<b>Length</b>	E12CCXLX – 16-1/2" (419 mm); E6CCXLX – 15-1/2" (394 mm)
<b>Weight</b>	E12CCXLX – 15 lb (6.8 kg); E6CCXLX – 14 lb (6.3 kg)
<b>Battery</b>	E12CCXLX – 18V 4.0Ah Li-ion; E6CCXLX – 18V 4.0Ah Li-ion

### E12CCXLX

CAT NO.	UPC NO.	DESCRIPTION
E12CCXLX11	783310611462	12-Ton, Multi-Tool, 120V Charger, Two 4.0 Ah Batteries
E12CCXLX12	783310611479	12-Ton, Multi-Tool, 12V Charger, Two 4.0 Ah Batteries
E12CCXLX22	783310611486	12-Ton, Multi-Tool, 230V Charger, Two 4.0 Ah Batteries
<b>B</b> E12CCXLXB	783310611516	12-Ton, Multi-Tool, Bare Tool Only

### E6CCXLX

CAT NO.	UPC NO.	DESCRIPTION
E6CCXLX11	783310611585	6-Ton, Multi-Tool, 120V Charger, Two 4.0 Ah Batteries
E6CCXLX12	783310611592	6-Ton, Multi-Tool, 12V Charger, Two 4.0 Ah Batteries
E6CCXLX22	783310611608	6-Ton, Multi-Tool, 230V Charger, Two 4.0 Ah Batteries
<b>B</b> E6CCXLXB	783310611639	6-Ton, Multi-Tool, Bare Tool Only

### ACCESSORIES

CAT NO.	UPC NO.	DESCRIPTION
05167	783310051671	18V 4.0Ah Li-ion Battery
52178	783310521785	120V Li-ion Battery Charger
52179	783310521792	230V Li-ion Battery Charger
52180	783310521808	12V Li-ion Battery Charger
12274	783310122746	Carrying Strap

## CCX TOOL ACCESSORIES

(OPTIONAL, ALL IN PAIRS EXCEPT PUNCH DRIVER)



UA22



UAK



UC40



UCUNC38



UA12P



UA12ID

### DIE ADAPTERS

CAT NO.	UPC NO.	DESCRIPTION	E6CCXLX	E12CCXLX
<b>A</b> UA22	783310070627	Adapter for Greenlee® K22 dies	X	-
<b>A</b> UAK	783310070337	Adapter for Kearney "O", Thomas & Betts® "6-Ton", and Blackburn® "OD" dies	X	-
<b>A</b> UAW	783310070351	Adapter for Burndy® "W" and Panduit® "CD-2001" dies (equivalent to "D3" die)	X	-
<b>A</b> UA12T	783310201588	Adapter for "U" dies (included with E12CCXL tool)	-	-

### CABLE CUTTING BLADES

CAT NO.	UPC NO.	DESCRIPTION	E6CCXLX	E12CCXLX
<b>A</b> UC26	783310067146	Cutter blades AL & CU 1" capacity	X	X
<b>A</b> UC40	783310070368	Cutter blades AL & CU 1-1/2" capacity	X	X
<b>A</b> UCACSR	783310070375	Cutter blades for ACSR & guy strand	X	X

### THREADED ROD CUTTING BLADES

CAT NO.	UPC NO.	DESCRIPTION	E6CCXLX	E12CCXLX
<b>A</b> UCUNC14	783310070382	Cutter blades for 1/4" threaded rod	X	X
<b>A</b> UCUNC38	783310070399	Cutter blades for 3/8" threaded rod	X	X
<b>A</b> UCUNC12	783310072744	Cutter blades for 1/2" threaded rod	X	X

### KNOCKOUT PUNCH ADAPTER

CAT NO.	UPC NO.	DESCRIPTION	E6CCXLX	E12CCXLX
<b>A</b> UA12P	783310118909	Punch Driver Adapter (accepts 3/4" draw stud)	X	X

### DIELESS CRIMP ADAPTER

CAT NO.	UPC NO.	DESCRIPTION	E6CCXLX	E12CCXLX
<b>A</b> UA12ID	783310008033	Dieless Crimp Adapter	-	X



18V Lithium-Ion  
GATOR  
Made in Germany  
by GREENLEE

## 6-TON IN-LINE INDENTER EK6IDLX, EK6IDCLX



EK6IDLX



EK6IDCLX

**NEW**

- Two-stage telescopic ram design identifies correct pressure to apply
- Single trigger operation for controlling all tool functions
- PVC coated head for brush protection

### SPECIFICATIONS

<b>Crimping Force</b>	Variable 6-Ton (30-60kN)
<b>Head Rotation</b>	350°
<b>Weight with Battery</b>	5.5 lb (2.5 kg)
<b>Height</b>	15" (380 mm)
<b>Capacity</b>	Standard Strand Wire Classes – B; C Copper: #8 – 500 kcmil (MCM) Aluminum: 1/0 – 350 kcmil (MCM) Fine Strand – Copper Wire Classes – G; H; I; K; M: 1/0 – 350 kcmil (MCM) DLO – Copper Locomotive: #8 – 373.7 kcmil (MCM)

Please contact Greenlee Customer Service for specific wire class classification.

### EK6IDLX – FLIP TOP STYLE

CAT NO.	UPC NO.	DESCRIPTION
EK6IDLX11	783310610793	6-Ton, Dieless Crimper, 120V Charger, Two 2.0 Ah Batteries
EK6IDLX12	783310610984	6-Ton, Dieless Crimper, 12V Charger, Two 2.0 Ah Batteries
EK6IDLX22	783310610991	6-Ton, Dieless Crimper, 230V Charger, Two 2.0 Ah Batteries
<b>B</b> EK6IDLXB	783310610748	6-Ton, Dieless Crimper, Bare Tool Only

### EK6IDCLX – PVC COATED

CAT NO.	UPC NO.	DESCRIPTION
<b>N</b> EK6IDCLX11	783310080558	6-Ton, Dieless Crimper, 120V Charger, Two 4.0 Ah Batteries
<b>N</b> EK6IDCLX12	783310085959	6-Ton, Dieless Crimper, 12V Charger, Two 4.0 Ah Batteries
<b>N</b> EK6IDCLX22	783310085966	6-Ton, Dieless Crimper, 230V Charger, Two 4.0 Ah Batteries
<b>N B</b> EK6IDCLXB	783310080541	6-Ton, Dieless Crimper, Bare Tool Only

### ACCESSORIES

CAT NO.	UPC NO.	DESCRIPTION
<b>A</b> 05167	783310051671	18V 4.0Ah Li-ion Battery
<b>A</b> 52177	783310521778	18V 2.0Ah Li-ion Battery
<b>A</b> 52178	783310521785	120V Li-ion Battery Charger
<b>A</b> 52179	783310521792	230V Li-ion Battery Charger
<b>A</b> 52180	783310521808	12V Li-ion Battery Charger
<b>A</b> 12274	783310122746	Carrying Strap



**DIELESS**

# IN-LINE QUAD POINT INDENTER

## EK6ATILX & EK6FTILX

**NEW**



EK6ATILX



EK6FTILX

### SPECIFICATIONS

<b>Crimping Force</b>	12,400 lb (55 kN)
<b>Height</b>	19.5" (495 mm)
<b>Weight</b>	8.2 lb (3.75 kg)
<b>Battery</b>	18V 4.0Ah Li-ion
<b>Head Rotation</b>	360°

### CAPACITY

<b>Open Face</b>	Copper: 6 AWG – 500 kcmil Aluminum: 6 AWG – 400 kcmil
<b>Flip-top</b>	Copper: 6 AWG – 750 kcmil Aluminum: 6 AWG – 750 kcmil

CAT NO.	UPC NO.	DESCRIPTION
<b>N</b> EK6ATILX11	783310084686	6-Ton Quad Point Crimper, Open Face, 120V Charger, Two 4.0Ah Batteries
<b>N</b> EK6ATILX12	783310084693	6-Ton Quad Point Crimper, Open Face, 12V Charger, Two 4.0Ah Batteries
<b>N</b> EK6ATILX22	783310084709	6-Ton Quad Point Crimper, Open Face, 230V Charger, Two 4.0Ah Batteries
<b>N B</b> EK6ATILXB	783310085904	6-Ton Quad Point Crimper, Open Face, Bare Tool Only
<b>N</b> EK6FTILX11	783310085911	6-Ton Quad Point Crimper, Flip Top, 120V Charger, Two 4.0Ah Batteries
<b>N</b> EK6FTILX12	783310085928	6-Ton Quad Point Crimper, Flip Top, 12V Charger, Two 4.0Ah Batteries
<b>N</b> EK6FTILX22	783310085935	6-Ton Quad Point Crimper, Flip Top, 230V Charger, Two 4.0Ah Batteries
<b>N B</b> EK6FTILXB	783310085942	6-Ton Quad Point Crimper, Flip Top, Bare Tool Only

# 6-TON PISTOL

## EK6FTLX, EK6ATLX



EK6FTLX

### SPECIFICATIONS

<b>Crimping Force</b>	12,400 lb (55kN)
<b>Length</b>	EK6ATLX – 14" (355mm) EK6FTLX – 14-7/8" (378mm)
<b>Weight</b>	EK6ATLX – 12 lb (5.4kg) EK6FTLX – 11 lb (5kg)
<b>Battery</b>	18V 4.0Ah Li-ion

### CAPACITY

<b>EK6ATLX</b>	Copper: 6 AWG – 500 kcmil Aluminum: 6 AWG – 400 kcmil
<b>EK6FTLX</b>	Copper: 6 AWG – 750 kcmil Aluminum: 6 AWG – 750 kcmil

### EK6FTLX

CAT NO.	UPC NO.	DESCRIPTION
EK6FTLX11	783310611196	6 Ton Quad Point Crimper, Flip Top, 120V Charger, Two 4.0 Ah Batteries
EK6FTLX12	783310611202	6 Ton Quad Point Crimper, Flip Top, 12V Charger, Two 4.0 Ah Batteries
EK6FTLX22	783310611219	6 Ton Quad Point Crimper, Flip Top, 230V Charger, Two 4.0 Ah Batteries
EK6FTLXB	783310611240	6 Ton Quad Point Crimper, Flip Top, Bare Tool Only

### EK6ATLX

CAT NO.	UPC NO.	DESCRIPTION
EK6ATLX11	783310611073	6 Ton Quad Point Crimper, Open Face, 120V Charger, Two 4.0 Ah Batteries
EK6ATLX12	783310611080	6 Ton Quad Point Crimper, Open Face, 12V Charger, Two 4.0 Ah Batteries
EK6ATLX22	783310611097	6 Ton Quad Point Crimper, Open Face, 230V Charger, Two 4.0 Ah Batteries
EK6ATLXB	783310611127	6 Ton Quad Point Crimper, Bare Tool Only



EK6ATLX

## 12-TON PISTOL INDENTER EK12IDLX



EK12IDLX

- Intelli-CRIMP® technology notifies operator with a visual and audible alert in real time if crimp force is not achieved
- Automatic Retraction Stop (ARS) retracts the ram just enough to get ready for the next cycle, saving time and energy
- One trigger controls all tool functions
- Crimping head rotates 350°
- Flip open crimping head will allow crimping of 4 AWG – 1000 kcmil copper or 6 AWG – 1000 kcmil aluminum with no dies to change

### SPECIFICATIONS

Crimping Force	24,000 lb (106 kN)
Length	16 1/2" (420 mm)
Weight	15 lb (6.8 kg)
Height	14 1/2" (368 mm)
Battery	18V 4.0Ah Li-ion
Capacity	Copper Color Coded Lugs and Splices: 4 AWG to 1000 kcmil Aluminum Color Coded Lugs and Splices: 6 AWG to 1000 kcmil

### EK12IDLX

CAT NO.	UPC NO.	DESCRIPTION
EK12IDLX11	783310611349	12-Ton Dieless Crimper, Flip Top, 120V Charger, Two 4.0 Ah Batteries
EK12IDLX12	783310611356	12-Ton Dieless Crimper, Flip Top, 12V Charger, Two 4.0 Ah Batteries
EK12IDLX22	783310611363	12-Ton Dieless Crimper, Flip Top, 230V Charger, Two 4.0 Ah Batteries
<b>B</b> EK12IDLXB	783310611394	12-Ton Dieless Crimper, Flip Top, Bare Tool Only



**DIELESS**

### ACCESSORIES

CAT NO.	UPC NO.	DESCRIPTION
<b>A</b> 05167	783310051671	18V 4.0Ah Li-ion Battery
<b>A</b> 52178	783310521785	120V Li-ion Battery Charger
<b>A</b> 52179	783310521792	230V Li-ion Battery Charger
<b>A</b> 52180	783310521808	12V Li-ion Battery Charger
<b>A</b> 12274	783310122746	Carrying Strap

# HIGH PRESSURE HOSES



NC-6-38MF  
NC-10-38MF  
NC-30-38MF

- Comes pre-charged in 6', 10', and 33' lengths
- Standard 3/8" NPT screw type male and female fittings installed
- High pressure – up to 10,000 PSI
- Certified non-conductive
- Double rubber cap comes standard to protect fittings while not in use

CAT NO.	UPC NO.	DESCRIPTION
NC-10-38MF	783310024101	Hose, HYD, 3/8 Male/Female (10')
NC-30-38MF	783310024118	Hose, HYDC, 3/8 Male/Female (10 m)
NC-6-38MF	783310024071	Hose, HYD, 3/8 Male/Female (6')

# 10,000 PSI HIGH PRESSURE COUPLERS



130868



130878



54169



F024631



F022061



F021627

CAT NO.	UPC NO.	DESCRIPTION
130868	783310406471	Coupler-Hyd Parker #3010-2-542 Male
130878	783310406525	Coupler-Hyd Female 1/4-19 NPSM
54169	783310541691	Coupler-Half 1/4" Male Nipple
F024631	783310420965	Coupler, Female 1/4"-18 NPTM
F022061	783310419419	Coupler-HYD, Male 3/8-18 NPTF
F021627	783310418771	Coupler, Female 3/8"-18 NPTM

## CRIMPING REMOTES



RK1550

### RK1550

#### SPECIFICATIONS

Crimping Force at 10,000 PSI (700 bar)	30,000 lb (133kN)
Length	15" (380 mm)
Width	3" (76 mm)
Height	5-3/8" (135 mm)
Weight	14.1 lb (6.4 kg)
Operating Pressure	10,000 PSI (700 bar)
Capacity	Copper Color-Coded Lugs and Splices: #8 to 1500 kcmil (MCM) Aluminum Color-Coded Lugs and Splices: #8 to 1000 kcmil (MCM)

CAT NO.	UPC NO.	DESCRIPTION
RK1550	783310053538	Remote Crimping Tool, 15-Ton Kearney Style

### RK1550FT



RK1550FT

#### SPECIFICATIONS

Crimping Force at 10,000 PSI (700 bar)	30,000 lb (135 kN)
Length	13.75" (349 mm)
Width	3" (76 mm)
Height	5" (127 mm)
Weight	11.4 lb (5.2 kg)
Operating Pressure	10,000 PSI (700 bar)
Capacity	Copper Color-Coded Lugs and Splices: #8 to 1500 kcmil (MCM) Color-Coded Lugs and Splices: #8 to 1250 kcmil (MCM)

CAT NO.	UPC NO.	DESCRIPTION
RK1550FT	783310005520	Remote Crimping Tool, 15-Ton, Flip-Top
UA15T	783310002604	Die Adapters – Greenlee® "U" style dies, Burndy® "U" style dies, ILSCO® ILD style dies, Thomas & Betts® 15500 style dies, Blackburn® 15500 style dies

# CRIMPING REMOTES



RK1240

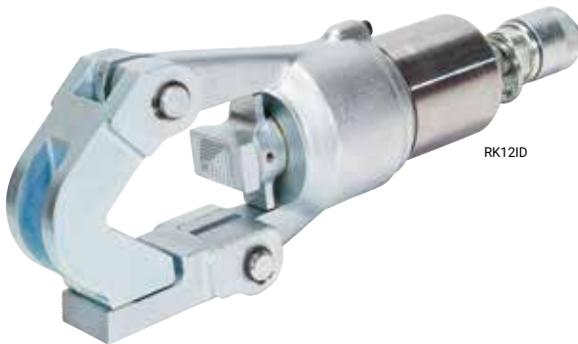
## RK1240, RK1240C

### SPECIFICATIONS

Crimping Force	24,000 lb (106 kN)
Length	11-7/8" (302 mm)
Weight	RK1240 – 9.7 lb (4.4 kg)
Operating Pressure	10,000 PSI (700 bar)
Capacity	8 AWG – 750 kcmil Copper lugs and splices 8 AWG – 750 kcmil Aluminum lugs and splices



RK1240C



RK121D

## RK121D

### SPECIFICATIONS

Crimping Force	24,000 lb (106 kN)
Length	13" (330 mm)
Width	3.75" (95 mm)
Weight	9.75 lb (4.42 kg)
Operating Pressure	10,000 PSI (700 bar)
Capacity	4 AWG – 1000 kcmil copper lugs and splices 6 AWG – 1000 kcmil Aluminum lugs and splices

## RK6040



RK6040

### SPECIFICATIONS

<b>Crimping Force</b>	120,000 lb (530 kN)
<b>Length</b>	17" (432 mm)
<b>Width</b>	6" (153 mm)
<b>Weight</b>	45 lb (20 kg)
<b>Operating Pressure</b>	10,000 PSI (700 bar)
<b>Capacity</b>	Copper Stranded Code Cable 300 kcmil–2000 kcmil Aluminum Stranded Code Cable 250 kcmil–2000 kcmil Copper Tension Sleeves 1/0 AWG–1000 kcmil Aluminum Tension Sleeves 1/0 AWG–2300 kcmil ACSR Tension Sleeves 1/0 AWG–2156 (Bluebird) kcmil Copper Aerial Connectors 4/0 AWG–2500 kcmil Aluminum Aerial Connectors 3/0 AWG–2500 kcmil

CAT. NO.	UPC NO.	DESCRIPTION
RK1240	783310053514	Crimping Tool SA 12T 42 mm (RK1240)
RK1240C	783310072058	Crimping Tool Assembly, 42 mm-PVC COV
RK12ID	783310015659	Crimping Tool, Dieless Remote
RK6040	783310106043	60-Ton Crimping Tool – Single Acting
A 54169	783310541691	Coupler-Half 1/4" Male Nipple
A 130868	783310406471	Coupler-HYD Parker #3010-2-542 Male
A 130878	783310406525	Coupler-HYD Female 1/4-18 NPSM
A F021627	783310418771	Coupler, Female 3/8-18 NPTM
A F022061	783310419419	Coupler-HYD Male 3/8-18 NPTF
A F024631	783310420965	Coupler, Female 1/4-18 NPTM

## HYDRAULIC PUMP ACCESSORIES

### Hydraulic Hose Selection Guide

TOOL CAT. NO.	DESCRIPTION	TOOL COUPLER	PUMP CAT. NO.	HOSE CAT. NO.
750	Cable Cutter	1/4" Female Coupler	767	38316
750	Cable Cutter	1/4" Female Coupler	1725	37729
750	Cable Cutter	1/4" Female Coupler	975	17707
777	Bender	3/8" Female Coupler	755, 975, or 980	11289
782	Bender	3/8" Female Coupler	755 or 975	11289
800	Cable Bender	1/4" Female Coupler	1725	37729
880	Bender	3/8" Female Coupler	755 or 975	11289
882	Bender	3/8" Female Coupler	755 or 975	11289
884	Bender	3/8" Female Coupler	980	11289
885	Bender	3/8" Female Coupler	980	11289
1731	C-Frame Driver	1/4" Female Coupler	767	06302
1731	C-Frame Driver	1/4" Female Coupler	1725	37729
1731	C-Frame Driver	1/4" Female Coupler	755 or 975	11289
SDK2021GL	Cable Cutter	3/8" Male Coupler	7475H, 975 or 980	05850, 05851
RK06AT, RK06FT	Crimping Tool	3/8" Male Coupler	7475H, 975 or 980	05850, 05851
RK1240,	Crimping Tool	3/8" Male Coupler	7475H, 975 or 980	05850, 05851
RK1550	Crimping Tool	3/8" Male Coupler	7475H, 975 or 980	05850, 05851



## IN-LINE CABLE CUTTERS ES32LX



ES32LX



- Small size makes the ES32LX an excellent tool for use inside panel boxes
- In-line tool style is light weight and very easy to control
- One trigger controls all tool functions
- Tools automatically retract when the cutting cycle is complete
- Head rotates 350°

### SPECIFICATIONS

Height	15-1/2" (394 mm)
Width	2-7/8" (73 mm)
Weight	5 lb (2.2 kg)
Capacity	600 kcmil (304 mm) Cu or Al cable

### ES32LX

CAT NO.	UPC NO.	DESCRIPTION
ES32LX11	783310611943	32 mm Soft Metal Cable Cutter, 120V Charger, Two 2.0 Ah Batteries
ES32LX12	783310611950	32 mm Soft Metal Cable Cutter, 12V Charger, Two 2.0 Ah Batteries
ES32LX22	783310611967	32 mm Soft Metal Cable Cutter, 230V Charger, Two 2.0 Ah Batteries
<b>B</b> ES32LXB	783310611998	32 mm Soft Metal Cable Cutter, Bare Tool Only

### ACCESSORIES

CAT NO.	UPC NO.	DESCRIPTION
<b>A</b> 05167	783310051671	18V 4.0Ah Li-ion Battery
<b>A</b> 52177	783310521778	18V 2.0Ah Li-ion Battery
<b>A</b> 52178	783310521785	120V Li-ion Battery Charger
<b>A</b> 52179	783310521792	230V Li-ion Battery Charger
<b>A</b> 52180	783310521808	12V Li-ion Battery Charger
<b>R</b> HE.10314	783310120926	Movable Blade
<b>R</b> HE.10315	783310120933	Fixed Blade
<b>A</b> 12274	783310122746	Carrying Strap

**COPPER/ALUMINIUM CUTTER**

# IN-LINE CABLE CUTTER

## ESC35LX, ESC50LX

- Cutting head rotates 350°
- Tool automatically retracts when the cutting cycle is complete
- Overmolded tacky grip area make gripping the tool easier and more comfortable
- Retraction stop feature reduces time between cuts on smaller wire sizes



ESC35LX

**NEW**



ESC50LX

### SPECIFICATIONS

	ESC35LX	ESC50LX
Height	18" (457 mm)	21" (533 mm)
Width	3" (76 mm)	3" (76 mm)
Length	4.5" (114 mm)	4.5" (114 mm)
Weight	6.6 lb (3 kg)	7.2 lb (3.25 kg)
Capacity	Cuts up to 1.38" diameter Copper (Cu) and Aluminum (Al) Standard/ Fine Stranded Cable	Cuts up to 2" diameter Copper (Cu)/ Aluminum (Al) Standard and Fine Stranded Cable

### ESC35LX

CAT NO.	UPC NO.	DESCRIPTION
ESC35LX11	783310613350	35 mm Soft Metal Cable Cutter, 120V Charger, Two 2.0 Ah Batteries
ESC35LX12	783310613367	35 mm Soft Metal Cable Cutter, 12V Charger, Two 2.0 Ah Batteries
ESC35LX22	783310613374	35 mm Soft Metal Cable Cutter, 230V Charger, Two 2.0 Ah Batteries

### ESC50LX

CAT NO.	UPC NO.	DESCRIPTION
 ESC50LX11	783310080060	50 mm Soft Metal Cable Cutter, 120V Charger, Two 4.0 Ah Batteries
 ESC50LX12	783310080077	50 mm Soft Metal Cable Cutter, 12V Charger, Two 4.0 Ah Batteries
 ESC50LX22	783310080107	50 mm Soft Metal Cable Cutter, 230V Charger, Two 4.0 Ah Batteries
  ESC50LXB	783310080053	50 mm Soft Metal Cable Cutter, Bare Tool Only

### ACCESSORIES

CAT NO.	UPC NO.	DESCRIPTION
 ES35E	783310071891	Cutting Blade (2)
 05167	783310051671	18V 4.0Ah Li-ion Battery
 52178	783310521785	120V Li-ion Battery Charger
 52179	783310521792	230V Li-ion Battery Charger
 52180	783310521808	12V Li-ion Battery Charger
 12274	783310122746	Carrying Strap



**COPPER/ALUMINIUM CUTTER**

## PISTOL STYLE CABLE CUTTERS ESG50LX



ESG50LX



**COPPER/ALUMINIUM CUTTER**

### SPECIFICATIONS

Length	15-3/4" (400 mm)
Width	3-1/8" (80 mm)
Height	13" (330 mm)
Weight	9.8 lb (4.4 kg)
Capacity	Cuts up to 2" diameter Copper (Cu)/ Aluminum (Al) Standard and Fine Stranded Cable

### ESG50LX

CAT NO.	UPC NO.	DESCRIPTION
ESG50LX11	783310612421	50 mm Soft Metal Cable Cutter, 120V Charger, Two 4.0 Ah Battery
ESG50LX12	783310612438	50 mm Soft Metal Cable Cutter, 12V Charger, Two 4.0 Ah Battery
ESG50LX22	783310612445	50 mm Soft Metal Cable Cutter, 230V Charger, Two 4.0 Ah Battery
<b>B</b> ESG50LXB	783310611011	Cutter, 50 mm STD, Bare Tool Only

### ACCESSORIES

CAT NO.	UPC NO.	DESCRIPTION
<b>A</b> 05167	783310051671	18V 4.0Ah Li-ion Battery
<b>A</b> 52178	783310521785	120V Li-ion Battery Charger
<b>A</b> 52179	783310521792	230V Li-ion Battery Charger
<b>A</b> 52180	783310521808	12V Li-ion Battery Charger
<b>A</b> 12274	783310122746	Carrying Strap
<b>A</b> ESG50ES	783310041818	Blade, Cutting
<b>R</b> ESG50EF1	783310041849	Head, Cutting

# PISTOL STYLE CABLE CUTTERS

ESC85LX, ESC105LX,  
ESG105LX



ESC85LX



ESC105LX



ESG105LX



**COPPER/ALUMINIUM CUTTER**

- 350° rotating guillotine cutting head
- Dual position handles for easy operation and transport
- Single trigger operation
- Automatic retraction after completed cycle

## SPECIFICATIONS

	ESC85LX	ESC105LX, ESG105LX
Length	21" (533 mm)	23-3/4" (604 mm)
Width	3-1/8" (80 mm)	3-1/8" (80 mm)
Height	13" (330 mm)	22 lb (9.9 kg)
Weight	15.2 lb (6.9 kg)	13" (330 mm)
Capacity	3.35" diameter (85 mm) Communications, Cu & Al Power Cables	4" diameter (105 mm) Communications, Cu & Al Power Cables

## ESC85LX

CAT NO.	UPC NO.	DESCRIPTION
ESC85LX11	783310612759	85 mm Soft Metal Cable Cutter, 120V Charger, Two 4.0 Ah Batteries
ESC85LX12	783310612766	85 mm Soft Metal Cable Cutter, 12V Charger, Two 4.0 Ah Batteries
ESC85LX22	783310612773	85 mm Soft Metal Cable Cutter, 230V Charger, Two 4.0 Ah Batteries
<b>B</b> ESC85LXB	783310612803	85 mm Soft Metal Cable Cutter, Bare Tool Only

## ESC105LX – SCISSOR STYLE

CAT NO.	UPC NO.	DESCRIPTION
ESC105LX11	783310612636	105 mm Soft Metal Cable Cutter, 120V Charger, Two 4.0 Ah Batteries
ESC105LX12	783310612643	105 mm Soft Metal Cable Cutter, 12V Charger, Two 4.0 Ah Batteries
ESC105LX22	783310612650	105 mm Soft Metal Cable Cutter, 230V Charger, Two 4.0 Ah Batteries
<b>B</b> ESC105LXB	783310612681	105 mm Soft Metal Cable Cutter, Bare Tool Only

## ESG105LX – GUILLOTINE STYLE

CAT NO.	UPC NO.	DESCRIPTION
ESG105LX11	783310612513	105 mm Soft Metal Cable Cutter, 120V Charger, Two 4.0 Ah Batteries
ESG105LX12	783310612520	105 mm Soft Metal Cable Cutter, 12V Charger, Two 4.0 Ah Batteries
ESG105LX22	783310612537	105 mm Soft Metal Cable Cutter, 230V Charger, Two 4.0 Ah Batteries
<b>B</b> ESG105LXB	783310612568	Cable Cutter, Li-ion, 105 mm STD, Bare Tool Only

## ACCESSORIES

CAT NO.	UPC NO.	DESCRIPTION
<b>A</b> 05167	783310051671	18V 4.0Ah Li-ion Battery
<b>A</b> 52177	783310521778	18V 2.0Ah Li-ion Battery
<b>A</b> 52178	783310521785	120V Li-ion Battery Charger
<b>A</b> 52179	783310521792	230V Li-ion Battery Charger
<b>A</b> 52180	783310521808	12V Li-ion Battery Charger
<b>A</b> 12274	783310122746	Carrying Strap
HE.10310	783310234920	Handle (ESC105LX, ESG105LX)

## RATCHET STYLE CABLE CUTTER ESR1000LX, ESR25LX

**NEW**



ESR1000LX

**COPPER/ALUMINIUM CUTTER**

**NEW**



ESR25LX

### SPECIFICATIONS

	ESR1000LX	ESR25LX
Height	15" (380 mm)	15" (380 mm)
Width	4/5" (115 mm)	4/5" (115 mm)
Length	7.75" (197 mm)	7.75" (197 mm)
Weight	7.4 lb (3.35 kg)	7.4 lb (3.35 kg)
Capacity	1250 kcmil Cu / 1500 kcmil Al	ACSR: 636 kcmil (Grosbeak) (25 mm) Standard Guy Strand: 5/8" (16 mm)

### ESR1000LX

	CAT NO.	UPC NO.	DESCRIPTION
<b>N</b>	ESR1000LX11	783310079552	Cu/Al Ratchet Cutter with two 18V 4.0Ah Batteries, 120V Charger
<b>N</b>	ESR1000LX12	783310079569	Cu/Al Ratchet Cutter with two 18V 4.0Ah Batteries, 12V Charger
<b>N</b>	ESR1000LX22	783310079576	Cu/Al Ratchet Cutter with two 18V 4.0Ah Batteries, 230V Charger
<b>N B</b>	ESR1000LXB	783310079545	Bare Tool Only – Cu/Al Ratchet Cutter

### ESR25LX

	CAT NO.	UPC NO.	DESCRIPTION
<b>N</b>	ESR25LX11	783310079606	ACSR Ratchet Cutter, 120V Charger, Two 4.0Ah Batteries
<b>N</b>	ESR25LX12	783310079613	ACSR Ratchet Cutter, 12V Charger, Two 4.0Ah Batteries
<b>N</b>	ESR25LX22	783310079620	ACSR Ratchet Cutter, 230V Charger, Two 4.0Ah Batteries
<b>N B</b>	ESR25LXB	783310079590	Bare Tool Only – ACSR Ratchet Cutter

### ACCESSORIES

	CAT NO.	UPC NO.	DESCRIPTION
<b>A</b>	52176	783310521761	18V 4.0Ah Li-ion Battery
<b>A</b>	52178	783310521785	120V Li-ion Battery Charger
<b>A</b>	52179	783310521792	230V Li-ion Battery Charger
<b>A</b>	52180	783310521808	12V Li-ion Battery Charger
<b>A</b>	12274	783310122746	Carrying Strap





Makita is a trademark  
**GATOR**  
By GREENLEE.  
18V Lithium-Ion



Makita  
**18V**  
4.0Ah  
LITHIUM-ION

HIGH  
VOLTAGE

## IN-LINE ACSR CUTTER ES20LX



ES20LX

### SPECIFICATIONS

Height	15" (381 mm)
Width	2-7/8" (73 mm)
Weight	4.6 lb (2 kg)

### CAPACITY

Max Diameter	3/4" diameter
ACSR	336.4 kcmil Merlin
Standard Guy Strand	3/8" diameter
Ground Rod	3/8" diameter
Rebar (SCH 60)	3/8" diameter
Soft Steel Bolts	3/8" diameter

### ES20LX

CAT NO.	UPC NO.	DESCRIPTION
ES20LX11	783310612186	20 mm ACSR Cutter, 120V charger, Two 4.0Ah Batteries
ES20LX12	783310612193	20 mm ACSR Cutter, 12V charger, Two 4.0Ah Batteries
ES20LX22	783310612209	20 mm ACSR Cutter, 230V charger, Two 4.0Ah Batteries
<b>B</b> ES20LXB	783310612230	20 mm ACSR Cutter, Bare Tool Only

### ACCESSORIES

CAT NO.	UPC NO.	DESCRIPTION
<b>R</b> ES20E	783310055259	Blade Kit
<b>A</b> 52176	783310521761	18V 4.0Ah Li-ion Battery
<b>A</b> 52177	783310521778	18V 2.0Ah Li-ion Battery
<b>A</b> 52178	783310521785	120V Li-ion Battery Charger
<b>A</b> 52179	783310521792	230V Li-ion Battery Charger
<b>A</b> 52180	783310521808	12V Li-ion Battery Charger
<b>A</b> 12274	783310122746	Carrying Strap



# IN-LINE ACSR CUTTERS ESC25LX, ESG25LX

**NEW**



ESC25LX



### SPECIFICATIONS

Width	3" (76 mm)
Height	18.5" (470 mm)
Weight	7 lb (3.17 kg)

### CAPACITY

Cutter Head Opening	1" (25 mm)
ACSR	557 kcmil
Standard Guy Strand	1/2" (12 mm)
EHS Guy Strand	3/8" (10 mm)

### ESC25LX – SCISSOR STYLE

CAT NO.	UPC NO.	DESCRIPTION
<b>N</b> ESC25LX11	783310084907	25 mm ACSR Cutter, 120V Charger, Two 4.0Ah Batteries
<b>N</b> ESC25LX12	783310084914	25 mm ACSR Cutter, 12V Charger, Two 4.0Ah Batteries
<b>N</b> ESC25LX22	783310084921	25 mm ACSR Cutter, 230V Charger, Two 4.0Ah Batteries
<b>N B</b> ESC25LXB	783310084938	25 mm ACSR Cutter, Bare Tool Only

### ACCESSORIES

CAT NO.	UPC NO.	DESCRIPTION
<b>A</b> 52176	783310521761	18V 4.0Ah Li-ion Battery
<b>A</b> 52178	783310521785	120V Li-ion Battery Charger
<b>A</b> 52179	783310521792	230V Li-ion Battery Charger
<b>A</b> 52180	783310521808	12V Li-ion Battery Charger
<b>A</b> 12274	783310122746	Carrying Strap



ESG25LX



- Designed to cut ACSR, guy strand, and ground rod
- Guillotine style head
- Equipped with retraction stop to aid in time and battery savings
- Replaceable hardened blades for increased tool longevity

### SPECIFICATIONS

Width	2-7/8" (73 mm)
Height	16.5" (419 mm)
Weight	5.8 lb (2.6 kg)

### CAPACITY

Cutter Head Opening	1" (25 mm)
ACSR	636 kcmil
Standard Guy Strand	5/8" (16 mm)
EHS Guy Strand	7/16" (11 mm)

### ESG45LX – GUILLOTINE STYLE

CAT NO.	UPC NO.	DESCRIPTION
ESG25LX11	783310612308	25 mm ACSR Cutter, 120V Charger, Two 4.0 Ah Batteries
ESG25LX12	783310612315	25 mm ACSR Cutter, 12V Charger, Two 4.0 Ah Batteries
ESG25LX22	783310612322	25 mm ACSR Cutter, 230V Charger, Two 4.0 Ah Batteries
<b>B</b> ESG25LXB	783310612353	25 mm ACSR Cutter, Bare Tool Only

## ACSR CUTTERS ESG45LX, ESG55LX



ESG45LX



- Designed specifically to cut ACSR, guy strand and ground rods
- Retraction Stop allows the operator to stop the ram retraction at any point simply by tapping the trigger, and then starting the next cutting cycle from that point saving time and energy
- Two-stage hydraulic system provides fast advance and power speeds
- One trigger controls all tool functions
- Cutting head rotates 350°
- Tools automatically retract when the cutting cycle is complete

### SPECIFICATIONS

Width	4" (101 mm)
Height	20" (508 mm)
Weight	10 lb (4.5 kg)

### CAPACITY

ACSR	1590 kcmil
Standard Guy Strand	5/8" diameter (16 mm)
EHS Guy Strand	1/2" diameter (13 mm)

### ESG45LX

CAT NO.	UPC NO.	DESCRIPTION
ESG45LX11	783310612872	45 mm ACSR Cutter, 120V Charger, Two 4.0 Ah Batteries
ESG45LX12	783310612889	45 mm ACSR Cutter, 12V Charger, Two 4.0 Ah Batteries
ESG45LX22	783310612896	45 mm ACSR Cutter, 230V Charger, Two 4.0 Ah Batteries
<b>B</b> ESG45LXB	783310612926	45 mm ACSR Cutter, Bare Tool Only

### ACCESSORIES

CAT NO.	UPC NO.	DESCRIPTION
<b>A</b> 52176	783310521761	18V 4.0Ah Li-ion Battery
<b>A</b> 52178	783310521785	120V Li-ion Battery Charger
<b>A</b> 52179	783310521792	230V Li-ion Battery Charger
<b>A</b> 52180	783310521808	12V Li-ion Battery Charger
<b>A</b> 12274	783310122746	Carrying Strap



ESG55LX



- Lightweight and very easy to handle
- One trigger controls all tool functions
- Cutting head rotates 350°
- Tools automatically retract when the cutting cycle is complete

### SPECIFICATIONS

Length	18-1/8" (460 mm)
Width	3-1/8" (80 mm)
Height	13-1/4" (337 mm)
Weight	17.5 lb (8 kg)

### CAPACITY

ACSR	2515 kcmil
Standard Guy Strand	5/8" diameter (16 mm)
EHS Guy Strand	9/16" diameter (14 mm)

### ESG55LX

CAT NO.	UPC NO.	DESCRIPTION
ESG55LX11	783310612995	55 mm ACSR Cutter, 120V Charger, Two 4.0 Ah Batteries
ESG55LX12	783310613008	55 mm ACSR Cutter, 12V Charger, Two 4.0 Ah Batteries
ESG55LX22	783310613015	55 mm ACSR Cutter, 230V Charger, Two 4.0 Ah Batteries
<b>B</b> ESG55LXB	783310613046	55 mm ACSR Cutter, Bare Tool Only

# IN-LINE BOLT CUTTERS ETS8LX



ETS8LX



## SPECIFICATIONS

<b>Weight</b>	3.3 lb (1.5 kg)
<b>Length</b>	12-1/8" (308 mm)
<b>Battery</b>	18V 2.0Ah Li-ion

MATERIAL	DIAMETER				
	1/16"	1/8"	3/16"	1/4"	5/16"
Cable Tray (Mild steel, Zinc Plated)	X	X	X	X	X
Cable Tray (Stainless Steel)	X	X	X	X	
Threaded Rods	X	X	X	X	X
Threaded Rods, Stainless Steel	X	X	X	X	X
Steel Bolts (Grade 2)	X	X	X	X	X
Steel Bolts (Grade 8)	X	X	X	-	-

## ETS8LX

CAT NO.	UPC NO.	DESCRIPTION
ETS8LX11	783310611707	8 mm Bolt Cutter, 120V Charger, Two 2.0 Ah Batteries
ETS8LX12	783310611714	8 mm Bolt Cutter, 12V Charger, Two 2.0 Ah Batteries
ETS8LX22	783310611721	8 mm Bolt Cutter, 230V Charger, Two 2.0 Ah Batteries
<b>B</b> ETS8LXB	783310611752	8 mm Bolt Cutter, Bare Tool Only

## ACCESSORIES

CAT NO.	UPC NO.	DESCRIPTION
<b>A</b> 52177	783310521778	18V 2.0Ah Li-ion Battery
<b>A</b> 52178	783310521785	120V Li-ion Battery Charger
<b>A</b> 52179	783310521792	230V Li-ion Battery Charger
<b>A</b> 52180	783310521808	12V Li-ion Battery Charger
<b>R</b> HB.9856	783310199878	Cutting Head

## IN-LINE BOLT CUTTERS ETS12LX



ETS12LX



- In-line tool style is light weight and very easy to control
- One trigger controls all tool functions
- Tools automatically retract when the cutting cycle is complete

### SPECIFICATIONS

Height	13-5/8" (365 mm)
Width	2-7/8" (73 mm)
Weight	4.4 lb (2.0 kg)

### CUTTING CAPACITY

Common Bolt	1/2" diameter
Grade 5 Bolt	7/16" diameter
Grade 8 Bolt	5/16" diameter
Threaded Rod	1/2" diameter
One-Time Disposable Lock	4 AWG Alumoweld
Boa Lock	BL-9
Grade 40 Rebar	3/8" diameter
Steel Rod	3/8" diameter (1/2" diameter using two cycles)
Ground Rod	3/8" diameter (1/2" diameter using two cycles)
Copper and Aluminum Cable	2/0 AWG
ACSR	3/0 AWG Pigeon (4/0 AWG Pigeon using two cycles)
Guy Strand	5/16" diameter (3/8" diameter using two cycles)
EHS Guy Strand	5/16" diameter
Aircraft Cable	1/4" diameter

### ETS12LX

CAT NO.	UPC NO.	DESCRIPTION
ETS12LX11	783310611820	8 mm Bolt Cutter, 120V Charger, Two 2.0 Ah Batteries
ETS12LX12	783310611837	8 mm Bolt Cutter, 12V Charger, Two 2.0 Ah Batteries
ETS12LX22	783310611844	8 mm Bolt Cutter, 230V Charger, Two 2.0 Ah Batteries
<b>B</b> ETS12LXB	783310611875	8 mm Bolt Cutter, Bare Tool Only
<b>R</b> HB.9864	783310562887	Blade Set (ETS12LX)

# REMOTE CUTTING HEADS



SDK105



SDG85



SDG45



SDG105



SDG55



SPECIFICATIONS	SDG45	SDG55	SDG85	SDG105	SDK105
Length	16-5/8" (423 mm)	18-18" (460 mm)	21" (533 mm)	23-3/4" (604 mm)	20" (510 mm)
Weight	8.38 lb (3.8 kg)	12.35 lb (5.6 kg)	9.48 lb (4.3 kg)	16.98 lb (7.7 kg)	17 lb (7.7 kg)
Connector	3/8" NPT Male (Screw-Type)				
Communications, Cu & Al Power Cables	1-3/4" (50 mm)	2-1/8" (55 mm)	3-3/8" (85 mm)	4" (105 mm)	4" (105 mm)
ACSR	1590 kcmil (MCM)	2515 kcmil	-	-	-

STANDARD GUY STRAND	SDG45	SDG55
Standard Guy Strand	5/8" (16 mm)	5/8" (16 mm)
EHS Guy Strand	1/2" (13 mm)	9/16" (14 mm)
Ground Rod	5/8" (16 mm)	3/4" (19 mm)
Rebar	1/2" (13 mm)	5/8" (16 mm)
Wire Rope	5/8" (16 mm)	5/8" (16 mm)
Copper and Aluminum Cable	1500 kcmil (MCM)	1500 kcmil (MCM)

# ACSR, GUY STRAND & STEEL CUTTING

SELECTION GUIDE FOR ACSR, GUY STRAND & STEEL CUTTERS

	ACSR	STD. GUY STRAND	EHS GUY STRAND	GROUND ROD	REBAR (SCHEDULE 60)
<b>BATTERY POWERED</b>					
ES20	336.4 kcmil (Merlin)	3/8" (9 mm)	3/8" (9 mm)	3/8" (9 mm)	
ESC25	557 kcmil	1/2" (12 mm)	3/8" (9 mm)	3/8" (9 mm)	3/8" (9 mm)
ESG25	636 kcmil	5/8" (16 mm)	7/16" (11 mm)	3/8" (9 mm)	3/8" (9 mm)
ESG45	1590.0 kcmil	5/8" (16 mm)	1/2" (13 mm)	5/8" (16 mm) dia.	1/2" (13 mm)
ESG55	2515 kcmil (Joree 76/19)	5/8" (16 mm)	9/16" (14 mm)	3/4" (19 mm)	5/8" (16 mm)

# COPPER AND ALUMINUM CUTTING

SELECTION GUIDE FOR COPPER & ALUMINUM CABLE CUTTERS

CABLE SIZE

	AWG	#8	#6	#4	#2	#1	1/0	2/0	3/0	4/0	250 KCMIL	300 KCMIL	350 KCMIL	400 KCMIL	500 KCMIL	600 KCMIL	750 KCMIL	1000 KCMIL	1500 KCMIL	2000 KCMIL
	mm	6	10	16	25	35	40	50	70	95	120	150	150	185	240	300	400	500	800	1000

BATTERY POWERED

ES32	Al	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Cu	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
ESC35	Al	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-
	Cu	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-
ESC50	Al	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Cu	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ESG50	Al	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Cu	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ESC85	Al	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Cu	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ESC105 ESG105	Al	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Cu	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

# 10K PSI PUMP

## EHP700L



EHP700L



- Capable of powering any high-pressure hydraulic remote head
- Equipped with Intelli-CRIMP® technology to monitor crimping force
- Retraction Stop Repeat (RSR) allows users to teach pump where to start and stop each cycle
- Real-time LED readout permits user to visually monitor pressure cycle
- Job specific crimp, cut, and punch settings
- Mode dial allows for pump to learn new operating cycles
- Dual battery ports – 1 active/1 stored

### SPECIFICATIONS

Length	14" (356 mm)
Width	6-1/2" (165 mm)
Height	11-1/2" (292 mm)
Weight	14.1 lb (6.4 kg)
Operating Pressure	10,000 psi (700 bar)

### EHP700L

CAT NO.	UPC NO.	DESCRIPTION
EHP700L11	783310007357	Power Pump, Li-ion, STD, 120V
EHP700L12	783310007647	Power Pump, Li-ion, STD, 12V
EHP700L22	783310007654	Power Pump, Li-ion, STD, 230V
EHP700L120	783310007661	Power Pump, Li-ion, STD, 120V AC
EHP700L230	783310007678	Power Pump, Li-ion, STD, 230V AC
<b>B</b> EHP700LB	783310011514	Power Pump, Li-ion, STD, Bare

### ACCESSORIES

CAT NO.	UPC NO.	DESCRIPTION
<b>A</b> 52176	783310521761	18V 3.0Ah Li-ion Battery
<b>A</b> 52178	783310521785	120V Li-ion Battery Charger
<b>A</b> 52179	783310521792	230V Li-ion Battery Charger
<b>A</b> 52180	783310521808	12V Li-ion Battery Charger
<b>A</b> TG3	783310010548	Strap
<b>A</b> 25766	783310257660	Adapter, Charger 18V Li-ion to 12V Ni
<b>A</b> EAC18120	783310521914	Adapter, AC – 230V to 18V
<b>A</b> HTA4GL	783310007593	Remote Control
<b>R</b> EL122/32	783310020424	Hydraulic Fluid, Biodegradable
<b>R</b> 17707	783310177074	Hose Assembly, 1/4" X 10' 3/8M & 1/4M Filled
<b>R</b> 05850	783310058502	Hose Assembly, 1/4" X 10' 3/8M & 3/8F Filled
<b>R</b> 01058	783310010586	Hose Assembly, 1/4" X 6' 3/8M & 1/4M Filled
<b>R</b> 01059	783310010593	Hose Assembly, 1/4" X 6' 3/8M & 3/8F Filled



## DEDICATED SERVICE SUPPORT

Our dedicated Greenlee factory authorized service center repair team will quickly get your battery tools back up and running.



### Makita® 18V LXT® Lithium-Ion 4.0Ah Battery\*

- Delivers 35% more run time per charge compared to the 18V 3.0Ah battery
- Reaches a full charge in under 40 minutes – 2X faster than the leading competitor
- Impact-resistant outer case and shock-absorbing inner-liner
- Sixteen contact terminals maintain a constant connection with the tool to help prevent power loss or fluctuation, even during high-vibration applications
- Battery resists self-discharge and remains ready for use even after long periods of storage
- Makita offers the world's largest cordless tool lineup powered by an 18V Lithium-Ion slide-style battery
- Use all appropriate and applicable personal safety equipment as required, such as: safety shoes, hard hat, safety glasses or face shield, etc.



05167

### Makita® 18V LXT® Lithium-Ion 2.0Ah Battery\*

- Provides up to 50% more run time per charge compared to the 18V 1.5Ah battery (BL1815)
- Reaches a full charge in 25 minutes or less on the Makita Rapid Optimum Charger (sold separately)
- Compatible with all Makita 18V LXT® and 18V Compact cordless tools
- Battery delivers consistent power and run time in extreme temperatures, even in winter (-4°F/-20°C)
- Impact-resistant outer case and shock-absorbing inner-liner are engineered to protect the battery
- Battery resists self-discharge and remains ready for use even after long periods of storage



05167

### Makita® 18V LXT® Lithium-Ion Chargers

#### CHARGERS

CAT. NO.	UPC NO.	DESCRIPTION
52178	783310521785	Single Bay 120V Charger
05754	783310057543	Dual Bay 120V Charger
05755	783310057550	Quad Bay 120V Charger



52178



05754



05755

\*The following are reminders and not intended to replace reading instruction manuals and other safety information. Battery tool information available at [makitatools.com](http://makitatools.com)

## COPPER ALUMINUM CABLE CUTTERS



45206



45206I

### One-Hand Operation Ratchet Cutter

- Simple, one-hand operation
- Exclusive two-speed ratcheting mechanism adjusts for light/heavy cutting
- Well-suited for tight working spaces
- Blades can be opened mid-cycle
- Available with cushioned handles or with insulated cushioned handles

#### SPECIFICATIONS

	45206I	45207I
<b>Maximum Capacity*</b>	Copper: 600 kcmil (MCM) (300 mm <sup>2</sup> ) Aluminum: 600 kcmil (MCM) (300 mm <sup>2</sup> ) Communications Cable: 1-3/8" (35 mm) dia.	Copper: 750 kcmil (MCM) (400 mm <sup>2</sup> ) Aluminum: 1000 kcmil (MCM) (500 mm <sup>2</sup> ) Communications Cable: 2" (51 mm) dia.
<b>Frequent Use Capacity*</b>	Copper: 500 kcmil (MCM) (240 mm <sup>2</sup> ) Aluminum: 500 kcmil (MCM) (240 mm <sup>2</sup> )	Copper: 600 kcmil (MCM) (300 mm <sup>2</sup> ) Aluminum: 750 kcmil (MCM) (400 mm <sup>2</sup> )
<b>Length</b>	10" (254 mm)	11" (279 mm)
<b>Weight</b>	1-7/16" (36.5 mm)	2" (51 mm)

CAT. NO.	UPC NO.	DESCRIPTION
45206	783310452065	Cutter, Cable-Ratchet
45206I	783310126805	Cutter, Ratchet Cable-Insulated
45207	783310452072	Cutter, Cable-Ratchet
45207I	783310126812	Cutter, Cable-Insulated
<b>R</b> 45218	783310452188	Blade Set-Movable
<b>R</b> 45212	783310452126	Blade-Fixed (PA-1815)
<b>R</b> 45211	783310452119	Blade Set-Moveable
<b>R</b> 45228	783310452287	Blade/Handle-Fixed (45207)

\*Capacity may be less for compact and compressed cables



## Compact Ratchet Cable Cutter

- Single-speed ratchet mechanism
- Simple, one-hand operation
- Compact – convenient for working in tight places and stores easily in tool pouches
- Blade release allows blades to be opened in mid-cut
- Heavy-duty blades provide long life

### SPECIFICATIONS

	759	760
<b>Maximum Capacity*</b>	Copper: 500 kcmil (MCM) (240 mm <sup>2</sup> ) Aluminum: 750 kcmil (MCM) (400 mm <sup>2</sup> ) Communications Cable: 1-1/8" dia. (28 mm <sup>2</sup> ).	Copper: 1000 kcmil (MCM) (500 mm <sup>2</sup> ) Aluminum: 1000 kcmil (MCM) (500 mm <sup>2</sup> ) Communications Cable: 1-3/4" dia. (42 mm <sup>2</sup> )
<b>Frequent Use Capacity*</b>	Copper: 400 kcmil (MCM) (185 mm <sup>2</sup> ) Aluminum: 600 kcmil (MCM) (300 mm <sup>2</sup> )	Copper: 750 kcmil (MCM) (400 mm <sup>2</sup> ) Aluminum: 1000 kcmil (MCM) (500 mm <sup>2</sup> )
<b>Length</b>	10-1/2" (262 mm)	11-3/4" (298 mm)
<b>Weight</b>	1.4 lb (0.6 kg)	1.75 lb (0.8 kg)

CAT. NO.	UPC NO.	DESCRIPTION
759	783310452775	Compact Ratchet Cable Cutter
760	783310176008	Compact Ratchet Cable Cutter
 45282	783310452829	Movable Blade (759)
 45281	783310452812	Fixed Blade (759)
 09908	783310099086	Movable Blade (760)
 09907	783310099079	Fixed Blade (760)
 45297	783310452973	Handle Spring

\*Capacity may be less for compact and compressed cables



## High Capacity Ratchet Cutter

- Two cutting actions – fast scissor cutting for small cable and insulation; converts automatically to ratchet mode
- Extra thick blades, ground flat to reduce potential for breakage
- Ratchet action for heavy-duty cutting
- Anti-slip mechanism for positive ratchet action

### SPECIFICATIONS

Maximum Capacity*	Copper: 1500 kcmil (MCM) (800 mm <sup>2</sup> ) Aluminum: 1500 kcmil (MCM) (800 mm <sup>2</sup> )
Frequent Use Capacity*	Copper: 1000 kcmil (MCM) (500 mm <sup>2</sup> ) Aluminum: 1000 kcmil (MCM) (500 mm <sup>2</sup> )
Length	27-1/2" (698 mm) long
Jaw opening	2" (51 mm)
Weight	11.41 lb (5.17 kg)

\*Capacity may be less for compact and compressed cables

CAT. NO.	UPC NO.	DESCRIPTION
756	783310340812	Heavy-Duty Ratchet Cable Cutter with Rubber Boot
<b>R</b> 34188	783310341888	Cutter Head Unit (Includes 2 Blades)



## Compact Fiberglass Handled Ratchet Cutter

- Two-handed operation for compact actuation
- Short fiberglass handles make it easy to use in tight places and to store in tool boxes
- Single-speed ratchet mechanism
- Blade release allows blades to be opened in mid-cut
- Heavy-duty forged steel blades provide long life

### SPECIFICATIONS

Cutting Capacity*	Copper: 1000 kcmil (MCM) (500 mm <sup>2</sup> ) Aluminum: 1000 kcmil (MCM) (500 mm <sup>2</sup> ) Communications Cable: 1-1/8" dia. (28 mm <sup>2</sup> )
Length	10-3/4" (273 mm)
Weight	3.6 lb (1.6 kg)

\*Capacity may be less for compact and compressed cables

CAT. NO.	UPC NO.	DESCRIPTION
761	783310117612	Two-Hand Ratchet Cable Cutter
<b>R</b> 11768	783310117681	Movable Blade (761)



773



774

## Open Face Compact Fiberglass Handled Ratchet Cutter

- Two-speed mechanism saves cutting time by closing the blades rapidly and shifting to normal speed to perform the cut
- No more pushing on stubborn release buttons—the blades open automatically when the cut is complete
- Narrow profile permits use in deep boxes, against walls or on floors
- Durable, lightweight fiberglass handles

### SPECIFICATIONS

	773	774
<b>Maximum Capacity*</b>	Copper: 500 kcmil (MCM) (240 mm <sup>2</sup> ) Aluminum: 795 kcmil (MCM) (400 mm <sup>2</sup> ) Communications Cable: 1-3/16" dia.	Copper: 750 kcmil (MCM) (400 mm <sup>2</sup> ) Aluminum: 795 kcmil (MCM) (400 mm <sup>2</sup> ) Communications Cable: 1-3/16" dia.
<b>Frequent Use Capacity*</b>	Copper: 350 kcmil (MCM) (150 mm <sup>2</sup> ) Aluminum: 750 kcmil (MCM) (400 mm <sup>2</sup> ) Communications Cable: -	Copper: 500 kcmil (MCM) (240 mm <sup>2</sup> ) Aluminum: 750 kcmil (MCM) (400 mm <sup>2</sup> ) Communications Cable: -
<b>Length</b>	15-1/2" (394 mm)	19-1/8" (486 mm)
<b>Weight</b>	5.3 lb (2.4 kg)	5.8 lb (2.6 kg)

\*Capacity may be less for compact and compressed cables

CAT. NO.	UPC NO.	DESCRIPTION
773	783310018766	High Performance Ratchet Cable Cutter, 15-1/2"
774	783310018780	High Performance Ratchet Cable Cutter, 19-1/8"

## Extended Fiberglass Handle Cable Cutters

- Strong, lightweight fiberglass handles
- Adjustable pivot bolt provides for blade adjustment
- Replaceable, forged, heat-treated, and precision ground blades (Excludes 718F)



### SPECIFICATIONS

	718F	704	705	706
<b>Maximum Capacity*</b>	Copper: 350 kcmil (MCM) (150 mm <sup>2</sup> ) Aluminum: 500 kcmil (MCM) (240 mm <sup>2</sup> ) Communications Cable: 1" (25 mm) dia.	Copper: 350 kcmil (MCM) (150 mm <sup>2</sup> ) Aluminum: 500 kcmil (MCM) (240 mm <sup>2</sup> ) Communications Cable: 1-1/4" (32 mm) dia.	Copper: 500 kcmil (MCM) (240 mm <sup>2</sup> ) Aluminum: 1000 kcmil (MCM) (500 mm <sup>2</sup> ) Communications Cable: 1-3/4" (44 mm) dia.	Copper: 750 kcmil (MCM) (400 mm <sup>2</sup> ) Aluminum: 1000 kcmil (MCM) (500 mm <sup>2</sup> ) Communications Cable: 1-1/2" (38 mm) dia.
<b>Frequent Use Capacity*</b>	Copper: Copper 4/0 AWG (95) Aluminum: 350 kcmil (MCM) (150 mm <sup>2</sup> )	Copper: 250 kcmil (MCM) (120 mm <sup>2</sup> ) Aluminum: 350 kcmil (MCM) (150 mm <sup>2</sup> )	Copper: 350 kcmil (MCM) (150 mm <sup>2</sup> ) Aluminum: 750 kcmil (MCM) (400 mm <sup>2</sup> )	Copper: 500 kcmil (MCM) (240 mm <sup>2</sup> ) Aluminum: 750 kcmil (MCM) (400 mm <sup>2</sup> )
<b>Length</b>	17-1/2" (444 mm)	21" (533 mm)	25-1/2" (648 mm)	31-1/2" (800 mm)
<b>Weight</b>	2.8 lb (1.3 kg)	3.01 lb (1.37 kg)	5.5 lb (2.5 kg)	6.2 lb (2.8 kg)

\*Capacity may be less for compact and compressed cables

CAT. NO.	UPC NO.	DESCRIPTION
718F	783310105077	Heavy-Duty Cable Cutter, 17-1/2"
704	783310245643	Heavy-Duty Cable Cutter, 21"
705	783310059233	Heavy-Duty Cable Cutter, 25-1/2"
706	783310222910	Heavy-Duty Cable Cutter, 31-1/2"
<b>R</b> 24565	783310245650	704 Cutter Unit (Includes 2 Blades)
<b>R</b> 24567	783310245674	704 Handle Unit (Includes Handle, Sleeve, Grip)
<b>R</b> 05930	783310059301	705 Handle Unit (Includes Handle, Sleeve, Grip)
<b>R</b> 06555	783310065555	705 & 706 Cutter Unit (Includes 2 Blades)
<b>R</b> 22296	783310222965	706 Handle Unit (Includes Handle, Sleeve, Grip)



## High Leverage Cable Cutter

- Unique double-joint action reduces handle effort required by up to 25%
- Increases cutting capacity to 500 kcmil
- Fits into tool boxes
- Heat-treated, precision ground, shear action blades
- Strong steel handles with molded grips for good leverage

### SPECIFICATIONS

Maximum Capacity*	Copper: 500 kcmil Aluminum: 500 kcmil
Frequent Use Capacity*	Copper: 350 kcmil Aluminum: 500 kcmil
Length	18" (457 mm)
Weight	3.25 lb (1.5 kg)

\*Capacity may be less for compact and compressed cables

CAT. NO.	UPC NO.	DESCRIPTION
718HL	783310128472	Cable Cutter



## Extended Handle Cable Cutter

- Ergonomic, lightweight, fits easily into tool boxes
- Heat-treated, precision ground, shear action blades
- Steel handles with rubber grips for good leverage

### SPECIFICATIONS

Maximum Capacity*	Copper: 350 kcmil (MCM) (150 mm <sup>2</sup> ) Aluminum: -
Frequent Use Capacity*	Copper: 4/0 (95 mm <sup>2</sup> ) Aluminum: 350 kcmil (MCM) (150 mm <sup>2</sup> )
Length	18" (457 mm)
Weight	2.78 lb (1.3 kg)

\*Capacity may be less for compact and compressed cables

CAT. NO.	UPC NO.	DESCRIPTION
718	783310302087	Cable Cutter

# WIRE & CABLE TERMINATION



727



727M

## Hand-Held Cable Cutter

- Precision-ground, shear-action, curved cutting blades
- 727 has PVC-covered, high-leverage handles for easier cuts
- 727M has cushion grip, high-leverage handles for added comfort
- Heat-treated for long life
- Made of heavy-duty forged steel
- Rust-resistant black oxide finish

### SPECIFICATIONS

Maximum Capacity*	Copper: 2/0 (70 mm <sup>2</sup> ) Aluminum: – Communications Cable: –
Frequent Use Capacity*	Copper: #1 AWG (35 mm <sup>2</sup> ) Aluminum: 2/0 (70 mm <sup>2</sup> ) Communications Cable: 100 pair
Length	10-3/4" (273 mm)
Weight	3.6 lb (1.6 kg)

\*Capacity may be less for compact and compressed cables

CAT. NO.	UPC NO.	DESCRIPTION
727	783310312918	Cable Cutter
727M	783310126294	Cable Cutter with Molded Grip



765

## Heavy-Duty Manual Communications Cable Cutter

- Forged and heat-treated blades specially designed for communications cable
- Makes clean cuts with minimal distortion on lead, rubber, PVC and polyethylene-sheathed cables
- Blades and handles are replaceable
- Precision-ground, shear-type blades
- Fiberglass handles with non-slip rubber grips

### SPECIFICATIONS

Cutting Capacity	2-1/4" (57 mm) Communications Cable (900 pair, 24 AWG)
Length	37" (940 mm)
Weight	7.2 lb (3.3 kg)

CAT. NO.	UPC NO.	DESCRIPTION
765	783310060116	Heavy-Duty Communications Cutter
<b>R</b> 05935	783310059356	Cutter Blade (765) (2 required)

# ACSR CUTTERS



HK520

## Hydraulic ACSR Cable Cutter

- Hydraulic cutter takes effort out of cutting tough cables
- Flip-open head provides strength while making it easy to cut long lengths
- Head rotates 180°
- Thumb release lever for quick blade retraction

### SPECIFICATIONS

<b>Capacity</b>	ACSR: 336.4 kcmil (MCM) Standard Guy-Wire, Ground Rod: 1/2" (13 mm) Soft Steel Bolts: 11/16" (17 mm) Wire Rope: 3/4" (19 mm) Rebar: 7/16" dia. (Schedule 60)
<b>Length</b>	14.5" (368 mm)
<b>Width</b>	5.7 lb (2.6 kg)

CAT. NO.	UPC NO.	DESCRIPTION
HK520	783310080312	Hydraulic ACSR Cable Cutter
 00336	783310003366	Cutter Blade
 00301	783310003014	Fixed Cutter Head



776

## Compact Ratchet ACSR Cutter

- Two-speed mechanism saves cutting time by closing the blades rapidly and shifting to normal speed to perform the cut
- Patented mechanism opens the blades automatically when the cut is complete
- Completely new ratchet mechanism provides excellent durability
- Short length fits easily into truck bins
- Durable, lightweight fiberglass handles

### SPECIFICATIONS

<b>Capacity</b>	Cuts ACSR through 636 kcmil with steel core diameters less than 0.32"
<b>Specifically Cuts</b>	All 336.4 and Smaller ACSR plus: 397.5 – Brant, Chickadee, Ibis 477.0 – Pelican, Flicker, Hawk 556.5 – Osprey, Parakeet 605.0 – Peacock 636.0 – Kingbird, Swift, Rook
<b>Length</b>	20" (508 mm)
<b>Weight</b>	15 lb (6.8 kg)

CAT. NO.	UPC NO.	DESCRIPTION
776	783310028260	High Performance ACSR Cable Cutter
 11397	783310113973	Movable & Fixed Blade Set



757

## High Leverage Ratchet ACSR Cutter

- Ratchet action for increased cutting power
- Two cutting actions – fast scissor cutting for small cable; converts automatically to ratchet mode
- Anti-slip mechanism for positive ratchet action
- Extra-thick blades, ground flat to reduce potential for breakage

### SPECIFICATIONS

Capacity	954 kcmil (MCM) ACSR, 1/2" (12.7 mm) soft steel rod
Length	29-1/4" (743 mm)
Jaw Opening	1.18" (30 mm)
Weight	12.22 lb (5.54 kg)

CAT. NO.	UPC NO.	DESCRIPTION
757	783310340843	Ratchet ACSR Cable Cutter
<b>R</b> 34187	783310341871	Cutter Head Unit (Includes 2 Blades)



758

## Ratchet EHS Guy-Wire Cutter

- Has two cutting actions – single-motion cutting for small cable, ratchet action for heavy-duty cutting
- Anti-slip mechanism for positive ratchet action

### SPECIFICATIONS

Capacity	1/2" EHS and standard Guy-Wire, 1/2" Mild Steel Rods and Bolts
Length	27-3/4" (704 mm)
Weight	10 lb 12 oz. (4.8 kg)

CAT. NO.	UPC NO.	DESCRIPTION
758	783310012740	Heavy-Duty Ratchet Guy-Wire Cutter
<b>R</b> 03548	783310035480	Cutter Head Unit (Includes Blades, Blade Holder, Insert and Hardware)

# CUTTER DIES



00949

## Guy-Wire Cutter Dies

- Works with any crimping tool that accepts 12-ton "U" type dies
- Simple to install in crimping tools
- Requires no adjustments for cutting different materials
- Will cleanly cut guy-wire (including EHS), grade 60 rebar, ground rod, soft steel bolts up to 5/8" (16 mm) and up to 477 kcmil (MCM) (240 mm<sup>2</sup>) ACSR
- For use in 12 and 15-ton crimping tools

### SPECIFICATIONS

#### Capacity

Guy-Wire: 5/8" (16 mm) dia.  
 Ground Rod: 5/8" (16 mm) dia.  
 EHS Guy-Wire: 5/8" (16 mm) dia.  
 Soft Steel Bolts: 5/8" (16 mm) dia.  
 Rebar (grade 60): 5/8" (16 mm) dia.  
 ACSR: 477 kcmil (MCM) (240 mm<sup>2</sup>)

CAT. NO.	UPC NO.	DESCRIPTION
00949	783310009498	Cutting Dies For 12-Ton "U" Die Type Crimping Tools



KD6-27

## ACSR "W" Cutter Dies

- "W" style dies for cutting ACSR
- Improved steel and heat treatment for better durability
- Can be used with any crimping tool that accepts "W" dies including: Greenlee EK622L, and EK628L (with CJD3 jaws)
- For use in 6-ton crimping tools

### SPECIFICATIONS

#### Capacity

4/0 ACSR

CAT. NO.	UPC NO.	DESCRIPTION
KD6-27	783310101826	"W" Style Cutting Dies for ACSR

## WIRE CRIMPING TOOLS



EK50ML138B



### Micro Crimping Tool

- Ergonomic; total weight less than 2.2 lb
- Crimp 3x faster with 90% less force
- LED work light
- 65% faster crimping cycle vs. ratcheting tool
- 250 crimps per cycle charge when crimping 10 AWG wire
- Patented Jaw Actuation for crimping cycle
- Innovative trigger with PowerSense™ Technology
- Overmolded grip for maximum comfort
- 10.8V Li-ion battery with charge indicator

#### SPECIFICATIONS

Weight	2.2 lb (1 kg)
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CAT. NO.	UPC NO.	DESCRIPTION
EK50ML12011	783310031055	Crimping Tool Kit with 12 mm Jaw and 110V Charger with Carrying Case
EK50ML13811	783310031086	Crimping Tool Kit with 13.8 mm Jaw and 110V Charger with Carrying Case
EK50ML12022	783310031239	Crimping Tool Kit with 12 mm Jaw and 230V Charger with Carrying Case
EK50ML13822	783310031246	Crimping Tool Kit with 13.8 mm Jaw and 230V Charger with Carrying Case
EK50ML120B	783310031284	12 mm Jaw EK50ML Bare Tool
<b>R</b> EK50ML138B	783310031307	13.8 mm Jaw EK50ML Bare Tool
<b>R</b> MBP108	783310031277	10.8V EK50ML Li-Ion Battery
<b>R</b> MBC110	783310031253	10.8V EK50ML Li-Ion Battery Charger, 110V
<b>R</b> MBC230	783310031260	10.8V EK50ML Li-Ion Battery Charger, 230V

See page 302 for the complete line of dies.

**The EK50ML138 is compatible with all Greenlee Kwik Cycle® dies for various types of cables and sizes.**

#### COMPATIBLE DIE SETS

	WEZAG®	PANDUIT®	THOMAS & BETTS®	IDEAL®
EK50ML120	CS30, CS150	CT-2600, CT-300	Sta-Kon®	-
EK50ML138	-	-	-	Crimpmaster™

## Kwik Cycle® 9 Crimp Frame



45504

- Frames are manufactured from heat-treated, hardened tool steel for superior life and function
- Tools feature a precision, full-cycle ratchet for accurate and repeatable crimps every cycle
- Crimping dies are manufactured from hardened, heat-treated tool steel for superior life
- Preset tension adjustment for optimum performance
- Higher leverage force and ergonomically designed handle for improved comfort
- Ideal for field installation of connectors as well as shop use
- Die sets are easily interchangeable using a screwdriver
- Uses all Kwik Cycle® 9 crimping dies (see below)

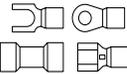
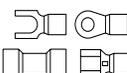
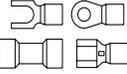
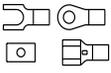
### SPECIFICATIONS

Capacity	Uses Kwik Cycle® 9 Die Sets
Weight	1.1 lb (500 g)

CAT. NO.	UPC NO.	DESCRIPTION
45504	783310455042	Kwik Cycle® 9° Crimp Frame

## Kwik Cycle® 9 Crimping Dies

### INTERCHANGEABLE DIE SETS FOR INSULATED AND NON-INSULATED TERMINALS

DESCRIPTION		CAT. NO.	UPC NO.
CONNECTION	FEATURES	DIE ONLY	
 22-10 AWG	 Color Coded nests for easy identification, Standard insulated terminals, ring tongue, spade lug, slide on and butt splices	45504	783310455042
 22-10 AWG	 Color Coded nests for easy identification for fully insulated slide-on style connectors AMP Ultrafast™ style	45570	783310455707
 26-16 AWG	 For mini insulated terminals with smaller wire barrels, Ring tongue, spade, slide on and butt splices	45565	783310455653
 22-8 AWG	 For non-insulated terminals and splices	45507	783310455073
 26-10 AWG	 For non-insulated and insulated wire ferrules	03283	783310032830
 8-4 AWG	 For non-insulated and insulated wire ferrules	03284	783310032847



K210

## Premium Terminal Crimping Tool

- Storage for two sets of crimping dies in the handles
- No tools needed to change dies
- Precision mechanism for smooth crimping cycles
- Hardened mechanism components for long term durability
- Cushioned handles for comfort
- Full cycle mechanism helps assure complete crimps, but tool can be opened in mid-cycle if necessary
- Equipped with 3 crimping die sets for 22-10 AWG insulated terminals (red, yellow, blue), 22-10 AWG uninsulated terminals and 26-8 AWG wire ferrules

### SPECIFICATIONS

Length	9" (23 cm)
Weight	1.35 lb (.6 kg)
Crimping Dies Included	22-10 AWG Insulated Terminals 22-10 AWG Uninsulated Terminals 26-8 AWG Wire Ferrules

CAT. NO.	UPC NO.	DESCRIPTION
K210	783310108726	Crimping Tool with 10873, 10874 and 10875 die sets
<b>R</b> 10873	783310108733	Die Set, 22-10 AWG Insulated Terminals
<b>R</b> 10874	783310108740	Die Set, 22-10 AWG Uninsulated Terminals
<b>R</b> 10875	783310108757	Die Set, 26-8 AWG Wire Ferrules
<b>A</b> 10876	783310108764	Die Set, RG 58/59/62/71
<b>A</b> 10877	783310108771	Die Set, 20-10 AWG Open Barrel Connectors

## Terminal Crimping



KP1022

- Two die positions permit the KP1022 to crimp both insulated and uninsulated terminals and splices
- Forged steel and hardened design provides long life
- Smooth pivot action allows tool to easily be used with one hand
- Double-cushioned handle grips on the KP1022 are easy on the hands
- Standard handle grips on the KP1022D make it easy to slip in/out of tool pouches
- Precision machined and hardened cutter blades make wire cutting easy

### SPECIFICATIONS

Overall Length	9-1/2" (241 mm)
Weight	1.05 lb (.48 kg)
Capacity	Insulated Terminals & Splices – 10-22 AWG Uninsulated Terminals & Splices – 10-22 AWG



KP1022D

CAT. NO.	UPC NO.	DESCRIPTION
KP1022	783310021551	Terminal Crimping Tool with Molded Grip
KP1022D	783310106333	Terminal Crimping Tool with Dipped Grip



K2-1BGL

## Kwik Cycle® Crimping Tool

- For non-insulated terminals
- Includes ratchet mechanism which releases only after full crimp cycle is completed

### SPECIFICATIONS

Capacity	22-6 AWG
Length	12.8" (325 mm)
Weight	.3 lb (136 g)

CAT. NO.	UPC NO.	DESCRIPTION
K2-1BGL	783310026327	Kwik Cycle® Crimping Tool

## WIRE FERRULE CRIMPING TOOLS



K1GL

## Wire Ferrule Crimping Tool 26 – 13 AWG

- Makes trapezoidal crimps
- Includes cutter and replaceable stripper blade set

### SPECIFICATIONS

Range	26-13 AWG (.14-2.5 mm <sup>2</sup> )
Length	6.9" (175 mm)
Weight	.4 lb (0.2 kg)

CAT. NO.	UPC NO.	DESCRIPTION
K1GL	783310026334	Wire Ferrule Crimper



K32GL

## Wire Ferrule Crimping Tool 26 – 10 AWG

- Makes trapezoidal crimps with full-cycle ratchet mechanism to assure complete crimps
- Crimps single and twin cable wire ferrules
- Adjusts automatically to correct crimp size

### SPECIFICATIONS

Range	Single cable wire ferrules: 26-10 AWG (.14-6 mm <sup>2</sup> ) Twin wire ferrules: 2 x 20-2 x 13 AWG (2 x .5-2 x 2.5 mm <sup>2</sup> )
Length	8.4" (213 mm)
Weight	1.1 lb (.4 kg)

CAT. NO.	UPC NO.	DESCRIPTION
K32GL	783310026372	Wire Ferrule Crimper



K34GL

## Wire Ferrule Crimping Tool 10 – 6 AWG

- Makes trapezoidal crimps with full-cycle ratchet mechanism to assure complete crimps
- Crimps single and twin cable wire ferrules
- Adjusts automatically to correct crimp size

### SPECIFICATIONS

Range	Single cable wire ferrules: 10-6 AWG (6-16 mm <sup>2</sup> ) Twin wire ferrules: 2 x 11-2 x 10 AWG (2 x 4-2 x 6 mm <sup>2</sup> )
Length	8.9" (225 mm)
Weight	1.1 lb (0.4 kg)

CAT. NO.	UPC NO.	DESCRIPTION
K34GL	783310026389	Wire Ferrule Crimper



K30GL

## Wire Ferrule Crimping Tool 25 – 10 AWG

- Makes square-shaped crimps
- Full-cycle ratchet mechanism assures complete crimps
- Adjusts automatically to correct crimp size

### SPECIFICATIONS

Range	25-10 AWG (.14-6 mm <sup>2</sup> )
Length	6.9" (175 mm)
Weight	1.1 lb (0.4 kg)

CAT. NO.	UPC NO.	DESCRIPTION
K30GL	783310026365	Wire Ferrule Crimper

## Wire Ferrule Crimping Tool 7 – 1/0 AWG

- Makes trapezoidal crimps with full-cycle ratchet mechanism to assure complete crimps
- Crimps single and twin cable wire ferrules



K28GL

### SPECIFICATIONS

Range	Single cable wire ferrules: 7-1/0 AWG (10-50 mm <sup>2</sup> ) Twin wire ferrules: 2 x 11-2 x 5 AWG (2 x 4-2 x 16 mm <sup>2</sup> )
Length	13.2" (335 mm)
Weight	1.8 lb (0.8 kg)

CAT. NO.	UPC NO.	DESCRIPTION
K28GL	783310026341	Wire Ferrule Crimper

## Wire Ferrule Crimping Tool 1/0 – 3/0 AWG

- Makes trapezoidal crimps with full-cycle ratchet mechanism to assure complete crimps



K29GL

### SPECIFICATIONS

Range	1/0-3/0 AWG (50-90 mm <sup>2</sup> )
Length	13.2" (335 mm)
Weight	1.8 lb (0.8 kg)

CAT. NO.	UPC NO.	DESCRIPTION
K29GL	783310026358	Wire Ferrule Crimper

## MANUAL CRIMPING



K05-SYNCRO



### K05-SYNCRO K-Series Crimping Tool

#### SPECIFICATIONS

Crimping Range	8 to 1/0 AWG
Length	16"
Weight	2.6 lb (1.18 kg)

CAT. NO.	UPC NO.	DESCRIPTION
K05-SYNCRO	783310064404	Crimping Tool

UL and cUL classified with Anderson®, Blackburn®, Burndy®, ILSCO®, Panduit®, Thomas & Betts® and Penn-Union® copper connectors.



K09-SYNCRO



### K09-SYNCRO K-Series Crimping Tool

#### SPECIFICATIONS

Capacity	1 AWG to 250 kcmil
Length	23.62" – 29.52"
Weight	5.7 lb (2.6 kg)

CAT. NO.	UPC NO.	DESCRIPTION
K09-SYNCRO	783310064411	Crimper (1 AWG – 250 kcmil)

UL and cUL classified with Anderson®, Blackburn®, Burndy®, ILSCO®, Panduit®, Thomas & Betts® and Penn-Union® copper connectors.



K111



## Crimping Tool 8-1 AWG

- Small size and light weight make this an ideal tool for crimping small lugs and splices
- Easily fits in tool pouches
- Full-cycle mechanism assures that crimps are complete
- Jaws can be opened in mid-cycle if necessary to adjust connector
- Wide grips make crimping easy on the hands

### SPECIFICATIONS

Capacity*	8-1 AWG copper color-coded connectors
Length	10" (273 mm)
Weight	1.4 lb (0.6 kg)

\*UL and cUL classified with Anderson®, Blackburn®, Burndy®, ILSCO®, Panduit®, Penn-Union® and Thomas & Betts® copper color-coded connectors.

CAT. NO.	UPC NO.	DESCRIPTION
K111	783310107637	Crimping Tool



K425BG



## Manual Crimping Tool

- Designed for crimping a wide range of overhead service entrance connections, overhead splices, and overhead taps
- Easy-to-use MD-6 type "pop" tool
- The D<sup>3</sup> die groove serves as a die seat for all Greenlee KD6 and industry "W" type dies
- Bent fiberglass handles provide a solid grip, good leverage and better durability than wood
- Teflon<sup>®</sup>-impregnated bushings at pivot joints provide smooth operation and long life
- Complete crimps are assured with an over-center cam mechanism
- Tool can easily be checked visually for proper adjustment and can be adjusted with Allen wrenches

### SPECIFICATIONS

Capacity*	See Crimping Tool Capacities, page 313.
Crimping Force	9,000 lb (40 kN)
Length	25-3/8" (645 mm)
Weight	7.1 lb (3.2 kg)

\*UL and cUL classified for use with Anderson, Blackburn, FCI Burndy, ILSCO, Panduit, Thomas & Betts and Penn-Union copper and aluminum color-coded lugs and splices

CAT. NO.	UPC NO.	DESCRIPTION
K425BG	783310020653	Crimping Tool with D <sup>3</sup> and O die grooves
K425BG	783310020653	Crimping Tool with D <sup>3</sup> and BG die grooves
K425K58	783310081609	Crimping Tool with Kearney <sup>®</sup> O and 5/8 die grooves
K425KO	783310081616	Crimping Tool with Kearney <sup>®</sup> D and O die grooves

## 12-Ton Manual Hydraulic Crimping Tools

- Both heads accept Greenlee KC12, KA12 and KD12 crimping dies as well as industry "U" style dies
- New head designs result in lower weight and improved durability – tested to 50,000 crimp cycles
- Two-speed pump to reduce cycle time
- Ram automatically retracts when crimp cycle is complete
- Crimping heads rotate 350°
- Smaller and lighter than competitive tools
- Covered head models have two layers of PVC that total approximately 3/16" (4.8 mm) thick
- Includes carrying case



HK1230



HK1240



HK1240C



### SPECIFICATIONS

Capacity*	HK1230 & HK1240 – 8 AWG to 750 kcmil copper color-coded lugs and splices. See Crimping Tool Capacities, page 313.
Crimping Force	24,000 lb (106 kN)
Length	HK1230 – 20-3/8" (518 mm) HK1240 – 21-1/2" (546 mm)
Weight	HK1230 – 12.2 lb (5.5 kg) HK1240 – 13.2 lb (6.0 kg)

\*HK1230 and HK1240 are UL and cUL classified with Anderson, Blackburn, FCI Burndy, ILSCO, Panduit, Penn-Union and Thomas & Betts copper and aluminum color-coded lugs and splices when used with Greenlee KC12 and KA12 crimping dies.

CAT. NO.	UPC NO.	DESCRIPTION
HK1230	783310064268	12-Ton Hydraulic Crimping Tool, 1.2" (30 mm) opening
HK1230C	783310071990	12-Ton Hydraulic Crimping Tool, 1.2" (30 mm) opening, PVC covered
HK1240	783310064275	12-Ton Hydraulic Crimping Tool, 1.65" (42 mm) opening
HK1240C	783310072027	12-Ton Hydraulic Crimping Tool, 1.65" (42 mm) opening, PVC covered



Crimping Dies for 12-Ton Tools



HKL1232



## 12-Ton Manual Hydraulic Crimping Tool

- Two-speed ram advances fast and shifts to lower speed to complete the crimp
- Strong, lightweight fiberglass handles
- Push button permits dies to be inserted and removed easily
- Tool is supplied in a durable, molded plastic carrying case
- Accepts Greenlee KC12, KA12 and KD12 as well as industry "U" style dies

### SPECIFICATIONS

Capacity*	8 AWG to 750 kcmil copper color-coded lugs and splices. For additional capacities, see Crimping Tool Capacities, page 313.
Crimping Force	24,000 lb (106 kN)
Length	24-1/4" (616 mm)

\*UL and cUL is classified with Anderson®, Blackburn®, FCI Burndy®, ILSCO®, Panduit®, Penn-Union® and Thomas & Betts® copper and aluminum color-coded lugs and splices when used with Greenlee KC12 and KA12 crimping dies.

CAT. NO.	UPC NO.	DESCRIPTION
HKL1232	783310235217	12-Ton Hydraulic Crimping Tool, 1.4" (32 mm) opening



HK06AT



## Manual Hydraulic Quad-Point Dieless Crimping Tools

- Two-speed pump advances the ram quickly to start the crimp, reducing crimp completion time. The ram automatically retracts after the crimp is complete
- Flip-top style uses a pull pin to open head for easy removal from the connector
- Compact, featuring a 360° rotating head
- Includes carrying case, test gauge and test slugs

### SPECIFICATIONS

Capacity*	See Crimping Tool Capacities, page 313.
Length	HK06AT – 20-3/4" (525 mm) HK06FT – 21-1/16" (535 mm)
Weight	9.0 lb (4.1 kg)

\*AT tools are UL and cUL classified with #4 – 500 kcmil (MCM) copper color-coded connectors of the following brands: Anderson®, Blackburn®, FCI Burndy®, ILSCO®, Panduit®, Penn-Union®, & Thomas & Betts®.

\*FT tools are UL and cUL classified with #4AWG – 750 kcmil (MCM) copper color-coded connectors and #6AWG – 750 kcmil (MCM) aluminum color-coded connectors of the following brands: Anderson®, Blackburn®, FCI Burndy®, IlSCO®, Panduit®, Penn-Union®, and Thomas & Betts®.



HK06FT



CAT. NO.	UPC NO.	DESCRIPTION
HK06AT	783310060659	Hydraulic Quad-Point Crimping Tool, Open Head Dieless
HK06FT	783310061960	Hydraulic Quad-Point Crimping Tool, Flip-Top Dieless



HK12ID



## Hand Hydraulic Dieless Crimping Tool

- Crimping head rotates 350° to get into tight locations
- Two-speed pump provides rapid crimping cycle time
- Lightweight and strong fiberglass handles
- Comes with a molded carrying case

### SPECIFICATIONS

Overall Length	26" (657 mm)
Crimping Head Width	4-3/8" (111 mm)
Weight	15 lb (7 kg)
Crimping Range	Aluminum – 6 AWG to 1000 kcmil Copper – 4 AWG to 1000 kcmil
Copper Color Coded Lugs and Splices	4 AWG to 1000 kcmil*
Aluminum Color Coded Lugs and Splices	6 AWG to 1000 kcmil*

\*UL and cUL Classified with Anderson®, Burndy®, Blackburn®, IlSCO®, Panduit®, Penn-Union®, Thomas & Betts®, and Tyco® connectors

CAT. NO.	UPC NO.	DESCRIPTION
HK12ID	783310101079	Hand Hydraulic Dieless Crimping Tool

# CRIMPING TOOL CAPACITIES

## GREENLEE CRIMPING TOOL CAPACITIES

### TOOL TYPE

	4-TON	4.5-TON (4)	6-TON	12-TON (5)		15-TON	ROTATING DIE (1)			QUAD-POINT DIELESS		DIELESS		
	EK410L	K4250 K425BG	EK628L (6) EK622L ECCXL	HK1230 EK1230L HKL1232	RK1240 HK1240 EK1240L	RK1550 EK1550	K111	K05-1GL K05-1SPGL	K09-2GL K09-2.5SPGL	K09-3GL	RK06AT HK06AT EKO6ATL	RK06FT HK06FT EK06FTL	1981	EK12IDL HK12ID RK12ID

### CONNECTOR TYPE

#### INDUSTRIAL

Copper Lugs	-	-	8-600 (2)	8-750	8-750	8-1500	8-1	8-1/0	8-4/0	3/0-400	6-500	6-750	8-250	4-1000
Copper Splices	8-300	8-500	8-600 (2)	8-400	8-750	8-1500	8-1	8-1/0	8-4/0	3/0-400	6-500	6-750	8-250	4-1000
Aluminum Lugs	8-2/0	8-4/0	8-300 (3)	8-750	8-750	8-1000	-	-	-	-	6-400	6-750	8-4/0	6-1000
Aluminum Splices	8-2/0	8-4/0	8-300 (3)	8-400	8-750	8-1000	-	-	-	-	6-400	6-750	8-4/0	6-1000
Copper "C" Taps	-	10-2	12-2 (4)	12-400	12-400	8-1000	-	-	-	-	-	-	-	-
Aluminum "H" Taps	-	-	-	6-500	6-500	6-1000	-	-	-	-	-	-	-	-
Aluminum Pin	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Adapters	-	6-1/0	6-1/0 (3)	6-500	6-750	6-750	-	-	-	-	-	-	-	-

#### GROUNDING

Ground Grid	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Connectors	-	-	6-3 (4)	6-500	6-500	6-500	-	-	-	-	-	-	-	-
Copper "E" Taps	-	-	6-500	6-500	6-500	-	-	-	-	-	-	-	-	-

#### OVERHEAD

5/8" Service	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ent. Connectors	10-1/0	10-1/0	10-1/0	(4)	10-1/0	10-1/0	10-1/0	-	-	-	-	4-350	4-350	-
.840 Service Ent.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Connectors	1/0-4/0	1/0-4/0	1/0-4/0	(4)	1/0-4/0	1/0-4/0	1/0-4/0	-	-	-	-	4-350	4-350	-
Aluminum "H" Taps	-	6-4/0	6-4/0	(4)	6-500	6-500	6-900	-	-	-	-	-	-	-
Copper "H" Taps	-	10-2	12-2	(4)	12-4/0	12-4/0	12-4/0	-	-	-	-	-	-	-
Copper Tension	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Splice	-	6-2/0	6-2/0	(4)	6-500	6-500	6-500	-	-	-	-	6-4/0	6-4/0	-
All Aluminum	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tension Splice	-	6-4/0	6-4/0	(4)	6-587.5	6-587.5	6-587.5	-	-	-	-	-	-	-
One Piece	-	ACSR	-	-	-	-	-	-	-	-	-	-	-	-
Tension Splice	-	4-1/0	4-1/0	(4)	4-556.5	4-556.5	4-556.5	-	-	-	-	4-477	4-477	-
Two Piece	-	ACSR	-	-	-	-	-	-	-	-	-	-	-	-
Tension Splice	-	2-477	2-4/0	(4)	2-556.5	2-556.5	2-900	-	-	-	-	-	-	-
Aluminum Jumper	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Splice	-	4-266.8	4-266.8	(4)	4-556.5	4-556.5	4-795	-	-	-	-	-	-	-
Stirrups	-	2-4/0	6-4/0	(4)	6-500	6-500	6-500	-	-	-	-	-	-	-
Aluminum Lugs	-	2-1/0	4-4/0	(4)	4-556.5	4-556.5	4-795	-	-	-	-	-	-	-
Copper Lugs	-	6-1/0	1/0-2/0	(4)	1/0-500	1/0-500	1/0-500	-	-	-	-	-	-	-

# CUTTING & CRIMPING DIES



K22S1GL



## "W"-STYLE DIES

Catalog No.	Burndy No.	Catalog No.	Burndy No.
KD6-10	W-BG	KD6-18	W-166
KD6-11	W-O	KD6-19	W-243
KD6-12	W-C	KD6-20	W-247
KD6-13	W-K840	KD6-21	W-249
KD6-14	W-161	KD6-22	W-164
KD6-15	W-162	KD6-24	W-237
KD6-16	W-163	KD6-25	W-239
KD6-17	W-165	KD6-27	W-28K

**NOTE:** Dies for use with service entrance connectors, c-taps, h-taps, overhead and underground connectors (Require UAW adapter when used with ECCXL tools, Requires CJD3, CJD3BG, or CJD30 jaws when used with EK628L tools)

## Crimping Dies for 6-Ton Tools

- All dies on this page for use with battery tools: ECCXLX, EK628LX, EK622LX

### SPECIFICATIONS – 22 SERIES CRIMPING DIES

Cable Size	Aluminum		Copper	
	Catalog No.	Color	Catalog No.	Color
8 AWG	KA22-8	Blue	KC22-8	Red
6 AWG	KA22-6	Gray	KC22-6	Blue
4 AWG	KA22-4	Green	KC22-4	Gray
2 AWG	KA22-2	Pink	KC22-2	Brown
1 AWG	KA22-1	Gold	KC22-1	Green
1/0 AWG	KA22-1/0	Tan	KC22-1/0	Pink
2/0 AWG	KA22-2/0	Olive	KC22-2/0	Black
3/0 AWG	KA22-3/0	Ruby	KC22-3/0	Orange
4/0 AWG	KA22-4/0	White	KC22-4/0	Purple
250 KCMIL (MCM)	KA22-250	Red	KC22-250	Yellow
300 KCMIL (MCM)	KA22-300	Blue	KC22-300	White
350 KCMIL (MCM)	KA22-350	Brown	KC22-350	Red
400 KCMIL (MCM)	—	—	KC22-400	Blue
500 KCMIL (MCM)	—	—	KC22-500	Brown
600 KCMIL (MCM)	—	—	KC22-600	Green

**\*NOTE:** Connections are UL and cUL classified for copper and aluminum, when used with Greenlee tools on Anderson®, Blackburn®, FCI Burndy®, ILSCO®, Panduit®, Thomas & Betts® and Penn-Union® color-coded lugs and splices.

**NOTE:** Dies for Crimping Color-Coded Copper & Aluminum Lugs & Splices\* (Require UA22 adapter when used with ECCXL, HCCX, & RCCX tools)

CAT. NO.	UPC NO.	DESCRIPTION
K22S1GL	783310030782	Die Kit for 8 AWG to 600 kcmil Copper Connectors – Includes all copper die sets listed below and carrying case
KD06AL	783310016311	Die Kit for 8 AWG to 350 kcmil Aluminum Connectors – Includes all aluminum die sets listed below and carrying case

## Crimping Dies for 12-Ton Tools

- All dies on this page for use with EK1230L, EK1240L, HK1230, HK1240, RK1240, HKL1232, and E12CCX tools, and RK1550 equipped with 48802 die adapter



KD12CU



### SPECIFICATIONS – “U” STYLE DIES

Cable Size	Aluminum		Copper	
	Catalog No.	Color	Catalog No.	Color
8 AWG	KA12-8	Blue	KC12-8	Gray
6 AWG	KA12-6	Gray	KC12-6	Blue
4 AWG	KA12-4	Green	KC12-4	Gray
2 AWG	KA12-2	Pink	KC12-2	Brown
1 AWG	KA12-1	Gold	KC12-1	Green
1/0 AWG	KA12-1/0	Tan	KC12-1/0	Pink
2/0 AWG	KA12-2/0	Olive	KC12-2/0	Black
3/0 AWG	KA12-3/0	Ruby	KC12-3/0	Orange
4/0 AWG	KA12-4/0	White	KC12-4/0	Purple
250 KCMIL (MCM)	KA12-250	Red	KC12-250	Yellow
300 KCMIL (MCM)	KA12-300	Blue	KC12-300	White
350 KCMIL (MCM)	KA12-350	Brown	KC12-350	Red
400 KCMIL (MCM)	KA12-400	Green	KC12-400	Blue
500 KCMIL (MCM)	KA12-500	Pink	KC12-500	Brown
600 KCMIL (MCM)	KA12-600	Black	KC12-600	Green
750 KCMIL (MCM)	KA12-750	Yellow	KC12-750	Black

### ADDITIONAL “U” STYLE DIES

Catalog No.	Burndy No.	Catalog No.	Burndy No.
KD12-10	U-BG	KD12-30	U-D3
KD12-11	U-O	KD12-32	U-F
KD12-12	U-C	KD12-33	U-997
KD12-14	U-161	KD12-35	U-238
KD12-15	U-162	KD12-36	U-654
KD12-17	U-165	KD12-37	U-655
KD12-18	U-166	KD12-38	U-658
KD12-19	U-243	KD12-39	U-659
KD12-20	U-247	KD12-40	U-998
KD12-21	U-249	—	—

**NOTE:** Dies for use with service entrance connectors, c-taps, h-taps, overhead and underground connectors

\*Connections are UL and cUL classified for for copper and aluminum connectors when used with Greenlee tools on Anderson®, Blackburn®, FCI Burndy®, ILSCO®, Panduit®, Thomas & Betts® and Penn-Union® color-coded lugs and splices.

**NOTE:** Dies for Crimping Color-Coded Copper & Aluminum Lugs & Splices

CAT. NO.	UPC NO.	DESCRIPTION
KD12CU	783310102601	Die Kit for 6 AWG to 750 kcmil Copper Connectors – Includes all copper die sets below except KC12-8
KD12AL	783310102618	Die Kit for 6 AWG to 750 kcmil Aluminum Connectors – Includes all aluminum die sets below except 35776

# CRIMPING DIE REFERENCE

## COMPETITIVE DIE COMPATIBILITY

ALL DIES LISTED MAY BE USED WITH THE APPROPRIATE GREENLEE TOOLS

TOOL TYPE	GREENLEE	BURNDY	T & B	ILSCO	HUSKIE	PANDUIT	BLACKBURN	KEARNEY	PENN-UNION
EK410L	KC4, KA4	–	–	–	–	–	–	–	–
EK628L	KC22, KA22	W, X <sup>8</sup>	6 TON <sup>9</sup>	ND <sup>8</sup>	HT58 <sup>8</sup>	CD-2001 <sup>8</sup>	BY <sup>9</sup>	O <sup>9</sup>	–
EK622L	KC22, KA22, KD6	W, X	–	ND	HT58	CD-2001	–	–	–
CCX	KC22 <sup>1</sup> , KA22 <sup>1</sup> , KD6 <sup>2</sup>	W2, X <sup>2</sup>	6-TON <sup>3</sup>	ND <sup>2</sup>	HT <sup>3</sup> , HT58 <sup>2</sup>	CD-2001 <sup>2</sup>	BY <sup>3</sup>	O <sup>3</sup>	–
1230	KC12, "U" STYLE, KD12	U	15500 SERIES	ILD	HT41	CD-920	B, H	–	T
1240, 12CCX	KC12, "U" STYLE, KD12	U	15500 SERIES	ILD	HT41	CD-920	B, H	–	T
1240K	–	–	–	–	HTK	–	–	PH <sup>2</sup>	–
1550	–	P <sup>4</sup> , U <sup>5</sup>	15600 SERIES <sup>6</sup> , 15500 SERIES <sup>5</sup>	ILD-P <sup>4</sup> , ILD <sup>5</sup>	HT61 <sup>4</sup> , HT41 <sup>5</sup>	CD-940 <sup>4</sup> , CD-920 <sup>5</sup>	15600 SERIES <sup>6</sup> , B <sup>5</sup> , H <sup>5</sup>	PH2 <sup>7</sup>	–
K425BG, K4250	K06	W, X	–	ND	HT58	CD-2001	–	–	–

**NOTES:** BOLD indicates that use of the proper die adapter is needed. <sup>1</sup>Use UA22 die adapters <sup>2</sup>UAW die adapters <sup>3</sup>Use UAK die adapters <sup>4</sup>Use 48820 die adapters <sup>5</sup>Use 48802 die adapters <sup>6</sup>Use 48788 die adapters <sup>7</sup>Use 48824 die adapters <sup>8</sup>Use CJD30 or CJD3BG Jaws <sup>9</sup>Use CJK Jaws

## CRIMPING DIE CROSS REFERENCE

COPPER COLOR-CODED LUGS AND SPLICES FOR 6-TON CRIMPING TOOLS – ECCXL, EK62L, EK628L

CABLE SIZE	COLOR CODE	GREENLEE <sup>1</sup>	BURNDY <sup>2</sup>	T & B3	ILSCO <sup>2</sup>	HUSKIE <sup>2</sup>	PANDUIT <sup>2</sup>	BLACKBURN <sup>3</sup>
8 AWG	Red	KC22-8	W8CVT, W8CRT, X8CRT	6TON21	–	–	CD-2001-8	BY15C
6 AWG	Blue	KC22-6	W5CVT, W5CRT, X5CRT, X8CART	6TON24	–	–	CD-2001-6	BY17C
5 AWG	Blue	NA	W5CVT, W5CRT, X5CRT	–	–	–	–	–
4 AWG	Gray	KC22-4	W4CVT, W4CRT, X4CRT	6TON29	–	–	CD-2001-4	BY19C
3 AWG	White	NA	W3CRT	–	–	–	–	–
2 AWG	Brown	KC22-2	W2CVT, W2CRT, X2CRT	6TON33	–	–	CD-2001-2	BY21C
1 AWG	Green	KC22-1	W1CVT, X1CRT-1, W1CRT-1	6TON37	–	–	CD-2001-1	BY53C
1/0 AWG	Pink	KC22-1/0	W25VT, W25RT, X25RT	6TON42	–	–	CD-2001-1/0	BY23C
2/0 AWG	Black	KC22-2/0	W26VT, W26RT, X26RT	6TON45	–	–	CD-2001-2/0	BY28C
3/0 AWG	Orange	KC22-3/0	W27VT, W27RT, X27RT	6TON50	–	–	CD-2001-3/0	BY25C
4/0 AWG	Purple	KC22-4/0	W28VT, W28RT, X28RT	6TON54	–	–	CD-2001-4/0	BY31C
250 KCMIL (MCM)	Yellow	KC22-250	W29VT, W29RT, X29RT	6TON62	–	–	CD-2001-250	BY27C
300 KCMIL (MCM)	White	KC22-300	W30VT, W30RT	6TON66	–	–	CD-2001-300	BY35C
350 KCMIL (MCM)	Red	KC22-350	W31VT, W31RT	6TON71	–	–	CD-2001-350	BY37C
400 KCMIL (MCM)	Blue	KC22-400	W32VT, W32RT	6TON76	–	–	CD-2001-400	–
500 KCMIL (MCM)	Brown	KC22-500	W34VT, W34RT	6TON87	–	–	CD-2001-500	–
600 KCMIL (MCM)	Green	KC22-600	–	–	–	–	–	–

**NOTES FOR 6-TON DIES:** <sup>1</sup> Can be used with 22 Series, CCX and EK628L tools. Use UA22 die adapters with CCX. Use without adapters with 22 Series and EK628L. <sup>2</sup> Can be used with 22 Series, CCX and EK628L tools. Use UAW die adapters with CCX. Use W die adapters with 22 Series. Use with CJ03 jaws with EK628L. <sup>3</sup> Can be used with CCX and EK628L tools only. Cannot be used with 22 Series tools. Use UAK die adapters with CCX. Use with CJK jaws with EK628L.

## CRIMPING DIE CROSS REFERENCE

### COPPER COLOR-CODED LUGS AND SPLICES FOR 12-TON CRIMPING TOOLS – ALL 1230, 1240 & E12CCXL TOOLS\*

CABLE SIZE	COLOR CODE	GREENLEE	BURNDY	T & B	ILSCO	HUSKIE	PANDUIT	BLACKBURN	PENN-UNION
8 AWG	Red	KC12-8	U8CRT	15520	ILD-1	–	CD-920-8	B71CH	–
6 AWG	Blue	KC12-6	U5CRT, U8CABT	15522	ILD-2	HT41AT	CD-920-6	B73CH	T-7/374
5 AWG	Blue	NA	U5CRT	–	–	–	–	–	–
4 AWG	Gray	KC12-4	U4CRT, U6CABT	15527	ILD-3	HT41AU	CD-920-4	B74CH	T-8/346
3 AWG	White	NA	U3CRT	–	–	–	–	–	–
2 AWG	Brown	KC12-2	U2CRT	15528	ILD-4	HT41AW	CD-920-2	B75CH	T-9
1 AWG	Green	KC12-1	U1CRT, U4CABT	15513	ILD-4	HT41AX	CD-920-1	B05CH	T-10
1/0 AWG	Pink	KC12-1/0	U25RT, U2CABT	15508	ILD-5	HT41AY	CD-920-1/0	B06CHI	T-11/375
2/0 AWG	Black	KC12-2/0	U26RT	15526	ILD-6	HT41AZ	CD-920-2/0	B72CH	T-12/348
3/0 AWG	Orange	KC12-3/0	U27RT	15530	ILD-9	HT41BA	CD-920-3/0	B08CH	T-13
4/0 AWG	Purple	KC12-4/0	U28RT	15511	ILD-10	HT41BC	CD-920-4/0	B09CH	T-14
250 KCMIL (MCM)	Yellow	KC12-250	U29RT	15510	ILD-11	HT41BE	CD-920-250	B26CH	T-15
300 KCMIL (MCM)	White	KC12-300	U30RT, U28ART	15534	ILD-12	HT41BF	CD-920-300	B10CH	T-16
350 KCMIL (MCM)	Red	KC12-350	U31RT, U29ART	15512	ILD-13	HT41BJ	CD-920-350	B11CH	T-17
400 KCMIL (MCM)	Blue	KC12-400	U32RT, U30ART	15512	ILD-14	HT41BK	CD-920-400	B11CH	T-18/324
500 KCMIL (MCM)	Brown	KC12-500	U34RT, U31ART	15506	ILD-15	HT41BL	CD-920-500	B12CH	T-19/470
600 KCMIL (MCM)	Green	KC12-600	U36RT, U32ART	–	ILD-16	HT41BM	CD-920-600	B36CH	T-20/299
700 KCMIL (MCM)	Pink	NA	U38RT	15505	ILD-16	–	–	–	T-20/299
750 KCMIL (MCM)	Black	KC12-750	U39RT	15515	ILD-17	HT41BP	CD-920-750	B29CH	T-22/472

**NOTES FOR ALL 12-TON DIES:** \*All 12-ton dies shown can be used with all 1230, 1240 & E12CCXL Greenlee tools up to the capacity limits of the tool

## CRIMPING DIE CROSS REFERENCE

### ALUMINUM COLOR-CODED LUGS AND SPLICES FOR 6-TON CRIMPING TOOLS – ECCXL, EK622L & EK628L

CABLE SIZE	COLOR CODE	GREENLEE <sup>1</sup>	BURNDY <sup>2</sup>	T & B <sup>3</sup>	ILSCO <sup>2</sup>	HUSKIE <sup>2</sup>	PANDUIT <sup>2</sup>	BLACKBURN <sup>3</sup>
8 AWG	Blue	KA22-8	X8CART	6TON24	–	–	CD-2001-8	BY17C
6 AWG	Gray	KA22-6	X6CART	6TON29	–	–	CD-2001-6	BY19C
4 AWG	Green	KA22-4	X4CART	6TON37	–	–	CD-2001-4	BY53C
2 AWG	Pink	KA22-2	X2CART	6TON42	–	–	CD-2001-2	BY23C
1 AWG	Gold	KA22-1	X1CART	6TON45	–	–	CD-2001-1	BY24C
1/0 AWG	Tan	KA22-1/0	X25ART	6TON50	–	–	CD-2001-1/0	BY25C
2/0 AWG	Olive	KA22-2/0	X26ART	6TON54	–	–	CD-2001-2/0	BY31C
3/0 AWG	Ruby	KA22-3/0	X27ART	6TON60	–	–	CD-2001-3/0	BY32C
4/0 AWG	White	KA22-4/0	X28ART	6TON66	–	–	CD-2001-4/0	BY35C
250 KCMIL (MCM)	Red	KA22-250	–	6TON71	–	–	CD-2001-250	BY37C
300 KCMIL (MCM)	Blue	KA22-300	–	6TON76	–	–	CD-2001-300	BY35C
350 KCMIL (MCM)	Brown	KA22-350	–	6TON87	–	–	CD-2001-350	BY37C

**NOTES FOR 6-TON DIES:** <sup>1</sup> Can be used with 22 Series, CCX and EK628L tools. Use UA22 die adapters with CCX. Use without adapters with 22 Series and EK628L.

<sup>2</sup> Can be used with 22 Series, CCX and EK628L tools. Use UAW die adapters with CCX. Use with W die adapters with 22 Series. Use CJ03 jaws with EK628L.

<sup>3</sup> Can be used with CCX and EK628L tools. Cannot be used with 22 Series tools. Use UAK die adapters with CCX. Use CJK jaws with EK628L.

# CRIMPING DIE REFERENCE

## CRIMPING DIE CROSS REFERENCE

### ALUMINUM COLOR-CODED LUGS AND SPLICES FOR 12-TON CRIMPING TOOLS – ALL 1230, 1240 & E12CCXL TOOLS\*

CABLE SIZE	COLOR CODE	GREENLEE	BURNDY	T & B	ILSCO	HUSKIE	PANDUIT	BLACKBURN	PENN-UNION
8 AWG	Blue	KA12-8	U8CABT	15522	ILD-2	HT41GL	CD-920-8	B73CH	T-7/374
6 AWG	Gray	KA12-6	U6CABT	15527	ILD-3	HT41GE	CD-920-6	B74CH	T-8/346
4 AWG	Green	KA12-4	U4CABTQ	15513	ILD-4	HT41GM	CD-920-4	B05CH	T-11/375
2 AWG	Pink	KA12-2	U2CABT	15508	ILD-7	HT41GF	CD-920-2	B06CHI	T-12/348
1 AWG	Gold	KA12-2	U1CART	15526	ILD-7	–	CD-920-1	B06CHI	T-471
1/0 AWG	Tan	KA12-1/0	U25ART	15530	ILD-8	HT41EX	CD-920-1/0	B06CH	T-296
2/0 AWG	Olive	KA12-2/0	U26ART	15511	ILD-10	HT41EY	CD-920-2/0	B09CH	T-297
3/0 AWG	Ruby	KA12-3/0	U27ART	15532	ILD-10	HT41GW	CD-920-3/0	B26CH	T-467
4/0 AWG	White	KA12-4/0	U28ART	15534	ILD-12	HT41EZ	CD-920-4/0	B10CHI	T-298
250 KCMIL (MCM)	Red	KA12-250	U29ART	15514	ILD-13	HT41FW	CD-920-250	B11CH	T-18/324
300 KCMIL (MCM)	Blue	KA12-300	U30ART	15512	ILD-14	HT41GZ	CD-920-300	B11CH	T-19/470
350 KCMIL (MCM)	Brown	KA12-350	U31ART	15506	ILD-14	HT41FA	CD-920-350	B12CHI	T-20/299
400 KCMIL (MCM)	Green	KA12-400	U32ART	15536	ILD-16	HT41HH	CD-920-400	B36CH	T-22/472
500 KCMIL (MCM)	Pink	KA12-500	U34ART	15505	ILD-16A	HT41FB	CD-920-500A	B76CH	T-300
600 KCMIL (MCM)	Black	KA12-600	U36ART	15515	ILD-17	HT41HG	CD-920-600	–	T-24/473
700 KCMIL (MCM)	Yellow	NA	U38ART	–	ILD-17	HT41IJ	–	–	–
750 KCMIL (MCM)	Yellow	KC12-750	U39ART	15504	ILD-18	HT41IJ	CD-920-750	–	–

**NOTES FOR ALL 12-TON DIES:** \*All 12-ton dies shown can be used with all 1230, 1240 and E12CCXL Greenlee tools up to the capacity limits of the tool

## CRIMPING DIE CROSS REFERENCE

### COPPER C-TAPS FOR COPPER CABLES

CABLE SIZE	TAP	GREENLEE <sup>1</sup>	BURNDY <sup>2</sup>	T & B <sup>3</sup>	ILSCO <sup>2</sup>	HUSKIE <sup>2</sup>	PANDUIT <sup>2</sup>	BLACKBURN <sup>3</sup>
10 AWG	10 AWG	–	W238	–	–	HT58DG	–	–
8 AWG	8 AWG	KD6-15	W162	–	–	HT58BZ	–	BY21
4-6 AWG	8 AWG	KD6-10	WBG	–	ND-BG	HT58G	CD-2001-BG	BY31
4-6 AWG	6 AWG	KD6-10	WBG	–	ND-BG	HT58G	CD-2001-BG	BY31
4-6 AWG	4 AWG	KD6-10	WBG	–	ND-BG	HT58G	CD-2001-BG	BY31
2-3 AWG	4-8 AWG	KD6-12	WC	–	ND-C	HT58J	CD-2001-C	BY33
2-3 AWG	2-3 AWG	KD6-12	WC	–	ND-C	HT58J	CD-2001-C	BY33
1/0-2/0 AWG	8-2 AWG	KD6-11	WO	–	–	HT58AK	–	OJB
1/0-2/0 AWG	1/0-2/0 AWG	KD6-11	WO	–	–	HT58AK	–	OJB
3/0-4/0 AWG	6-2 AWG	D34	–	–	–	–	–	DBL
3/0-4/0 AWG	1/0-2/0 AWG	D34	–	–	–	–	–	–
3/0-4/0 AWG	3/0-4/0 AWG	D34	–	–	–	–	–	–

**NOTES FOR 6-TON DIES:** <sup>1</sup> Can be used with 22 Series, CCX and EK628L tools. Use UAW die adapters with CCX. Use D3 adapters with 22 Series. Use CJD3 jaws with EK628L. <sup>2</sup> Can be used with 22 Series, CCX and EK628L tools. Use UAW die adapters with CCX. Use D3 die adapters with 22 Series. Use CJD3 jaws with EK628L. <sup>3</sup> Can be used with CCX and EK628L tools. Cannot be used with 22 Series tools. Use UAK die adapters with CCX. Use CJK jaws with EK628L. <sup>4</sup> Die adapters included with EK622L have D3 profile. UAW adapters for CCX tools have D3 profile. CJD3 jaws for EK628L have D3 profile.

## CRIMPING DIE REFERENCE

### CRIMPING DIE CROSS REFERENCE

COPPER C-TAPS FOR COPPER CABLES PPER C-TAPS FOR COPPER CABLES – ALL 1230, 1240 & E12CCXL TOOLS\*

CABLE SIZE	TAP	GREENLEE	BURNDY	T & B	ILSCO	HUSKIE	PANDUIT	BLACKBURN	PENN-UNION
10 AWG	10 AWG	KD12-35	U238	–	–	HT41DG	–	–	–
8 AWG	8 AWG	KD12-15	U162	–	–	HT41BZ	–	B71AH	–
4-6 AWG	8 AWG	KD12-10	UBG	–	–	HT41G	CD-920-BG	B58CS	T-BG
4-6 AWG	6 AWG	KD12-10	UBG	–	–	HT41G	CD-920-BG	B58CS	T-BG
4-6 AWG	4 AWG	KD12-10	UBG	–	–	HT41G	CD-920-BG	B58CS	T-BG
2-3 AWG	4-8 AWG	KD12-12	UC	–	ILD-C	HT41J	CD-920-C	HKBO	–
2-3 AWG	2-3 AWG	KD12-12	UC	–	ILD-C	HT41J	CD-920-C	HKBO	–
1/0-2/0 AWG	8-2 AWG	KD12-11	UO	–	ILD-O	HT41AK	–	HO	T-O
1/0-2/0 AWG	1/0-2/0 AWG	KD12-11	UO	–	ILD-O	HT41AK	–	HO	T-O
3/0-4/0 AWG	6-2 AWG	KD12-30	UD3	–	ILD-D3	HT41X	CD-920-D3	HD	T-D3
3/0-4/0 AWG	1/0-2/0 AWG	KD12-30	UD3	–	ILD-D3	HT41X	CD-920-D3	HD	T-D3
3/0-4/0 AWG	3/0-4/0 AWG	KD12-30	UD3	–	ILD-D3	HT41X	CD-920-D3	HD	T-D3

**NOTES FOR ALL 12-TON DIES:** \*All 12-ton dies shown can be used with all 1230, 1240 and E12CCXL Greenlee tools up to the capacity limits of the tool.

# CABLE BENDING TOOLS



## Hydraulic Cable Bender Kit

- One-shot bends up to 90°; automatically unloads cable
- Compact design bends in tight places
- Unit with foot pump keeps both hands free to hold cable

### SPECIFICATIONS

Capacity	350 – 1000 kcmil (MCM) (185-500 mm <sup>2</sup> ), 600 Volt 350 – 750 kcmil (MCM) compact cable
Weight	800 – 7 lb (3.2 kg) 802 – 26 lb (11.8 kg) 800F1725 – 36 lb (16.4 kg)

CAT. NO.	UPC NO.	DESCRIPTION
800	783310238928	Hydraulic Cable Bender Only
802	783310243953	Hydraulic Cable Bender with High Pressure Hose Unit and Storage Box
800F1725	783310238935	Hydraulic Cable Bender with 1725 Foot Pump, High Pressure Hose Unit and Storage Box
<b>R</b> 37729	783310377290	High Pressure Hydraulic Hose 1/4" x 10' (6.4 mm x 3 m)
<b>A</b> 1725	783310313533	Hydraulic Foot Pump
<b>A</b> 23955	783310239550	Metal Storage Box

## Ratchet Cable Bender

- Simplifies and speeds up cable installation
- 10" (254 mm) ratchet extension is furnished to simplify bending in deep enclosures
- Includes ratchet wrench, L-wrench, ratchet extension, bending shoe assembly and storage box



796

### SPECIFICATIONS

Capacity	Up through 500 kcmil (MCM) (240 mm <sup>2</sup> ), 600 Volt, copper or aluminum cable
Weight	8.2 lb (3.7 kg)

CAT. NO.	UPC NO.	DESCRIPTION
796	783310225904	Ratchet Cable Bender
<b>R</b> 22578	783310225782	Ratchet Wrench with Grip
<b>R</b> 22579	783310225799	L-Wrench with Grip
<b>A</b> 22682	783310226826	10" (254 mm) Ratchet Extension
<b>A</b> 22934	783310229346	Bending Shoe
<b>A</b> 30236	783310302360	Storage Box

## WIRE & CABLE STRIPPING TOOLS



JRF-4

### Universal Cable Stripper

- Large capacity clamp jaw – Wide range, 1/2" – 3" cable outside diameter, enabling productivity when working with a variety of cable sizes
- Tension trigger – 150 lb of clamping force allows user to securely capture cable for precise blade setting
- Delrin® Ball Bearing Rollers – Reduces the amount of force needed for the tool to move around and up the cable during stripping
- Rollerball actuation – Allows user to maintain constant contact with the clamp as it moves around the cable
- Precision adjustable cutting blades – EPR and XLP design-specific blades allow for ease and efficient cut back

#### SPECIFICATIONS

Dimensions	9.7" x 6.5" x 3.5" (246 x 165 x 90 mm)
Weight	2.2 lb (.99 kg)

CAT. NO.	UPC NO.	DESCRIPTION
JRF-4EPR	783310027461	Tool Kit, Universal Full – EPR Type
JRF-4XLP	783310027478	Tool Kit, Universal Full – XLP Type
<b>R</b> JRF-REPR	783310027485	Blade Replacement Kit – EPR Type
<b>R</b> JRF-RXLP	783310027508	Blade Replacement Kit – XLP Type
<b>R</b> JRF-RPK	783310027492	Replacement Parts Kit



1903

## Cable Stripper

- Triple action stripping – rotary, linear, and spiral – “Window” stripping is accomplished by combining 2 rotary cuts with a spiral cut in between them
- Eliminates Cable Scoring and blade height is adjustable to precisely match insulation thickness
- Interchangeable cable guides for small and large cable diameters
- Hook on the cable guide is used to start jacket removal without the need to use a screwdriver or pliers
- Replacement blade storage pocket in the base of the tool
- Long life, high-carbon steel blade

### SPECIFICATIONS

Capacity	THHN Cable Size Range: 8AWG to 1250 kcmil (10-625 mm <sup>2</sup> ) Overall Cable Diameter: 0.18" to 1.57" (4.5-40.0 mm) Cable Diameter Using Small Cable Guide Hook: 0.18" to 0.98" (4.5-25.0 mm) Cable Diameter Using Large Cable Guide Hook: 0.79" to 1.57" (20.0-40.0 mm)
Weight	.25 lb (0.1 g)

CAT. NO.	UPC NO.	DESCRIPTION
1903	783310126799	Cable Stripping Tool
 13544	783310135449	Replacement Blade (2 per package)
 13545	783310135456	Replacement Small Hook
 13546	783310135463	Replacement Large Hook



G2090

## Cable Stripper

### SPECIFICATIONS

Ergonomic Handle Design	Comfortably & easily hold tool during operation
Compact Design	Less than 6" rotation radius for tight spaces
Blade Adjustment Knob	Control blade depth while stripping
Safety	Fully concealed blade
Lifting Edge	Aids in jacket removal
Capacity	8 AWG – 750 kcmil
Ergonomic Spring Plunger Handle	Design reduces strain while loading cable

CAT. NO.	UPC NO.	DESCRIPTION
G2090	783310031581	Cable Stripper (POP)
 03560	783310035602	Cable Stripper (BOX)
 03961	783310039617	Blade, Replacement
 05328	783310053286	Plug Replacement



0952-01

## MC Cable Cutter

- Use with AC and MC cable up to 1"
- Adjustable up to 1" outside diameter
- Cuts in seconds with a few quick turns of the crank and an easy twist of the armor
- Convenient under-handle blade storage holds spare blades
- Quick load clamp system makes repeat cuts fast and easy
- Use with replacement blades Greenlee Cat #1941-1 or #1941-5

### SPECIFICATIONS

Dimensions	10.63" x 6.13" x 2.5" (270 x 156 x 64 mm)
Weight	0.72 lb (0.33 kg)

CAT. NO.	UPC NO.	DESCRIPTION
0952-01	783310020721	Cutter, Cable MC



45000

## Kwik Stripper® Wire Stripper

- 34-10 AWG (.08-6 mm<sup>2</sup>) stripping capacity
- 12 AWG (4 mm<sup>2</sup>) solid, 10 AWG (6 mm<sup>2</sup>) stranded cutting capacity
- Strips and cuts flat and round cable
- Self-adjusts to different wire gauges
- Contoured and cushioned handles
- Front entry jaws have an adjustable strip length guide
- Lightweight reinforced nylon is chemical and corrosion resistant

CAT. NO.	UPC NO.	DESCRIPTION
45000	783310450009	Kwik Stripper® Wire Stripper
<b>R</b> 20243	783310202431	Blade Cassette

## Automatic Wire Stripper

- Production grade wire stripper strips insulation from most smaller gauge wire
- Strips up to 7/8" (22.2 mm) length
- Strips PVC and THHN insulation
- For use with solid and stranded wire



1935

### SPECIFICATIONS

Capacity	20-10 AWG (.5 mm <sup>2</sup> – 6 mm <sup>2</sup> ) with PVC or THHN insulation
Weight	.7 lb (300 g)

CAT. NO.	UPC NO.	DESCRIPTION
1935	783310376002	Automatic Wire Stripper

# LOW PRESSURE HYDRAULIC TOOLS



HW1



HW1V

## SPECIFICATIONS

<b>Capacity</b>	7/16" Hex
<b>Weight</b>	HW1 – 6.5 lb (2.93 kg) HW1V – 6.6 lb (2.97 kg)
<b>Maximum Torque</b>	500 ft-lb (677 Nm) at 8 gpm (30 lpm)
<b>Minimum Torque</b>	HW1 – 500 ft-lb (677 Nm) at 8 gpm (30 lpm) HW1V – 160 ft-lb (213 Nm) at 8 gpm (30 lpm)
<b>System</b>	Super Spool Selector Control
<b>Length</b>	8.2" (208 mm)
<b>Width</b>	4.2" (107 mm)
<b>Height</b>	11" (280 mm)
<b>Flow Range</b>	4 – 12 gpm (15 – 45 lpm)
<b>Operating Pressure</b>	1000 – 2500 psi (69 – 170 bar)
<b>Pressure Port Thd.</b>	9/16 – 18 SAE O-Ring
<b>Return Port Thd.</b>	3/4 – 16 SAE O-Ring

## 1/2" Impact Wrenches

- Integrated lifting eye
- Forward/ Reverse flow selector
- Forward positioned handle for improved balance and reduced fatigue
- Impact and heat-resistant Cool Grip™ handle dissipates heat

CAT. NO.	UPC NO.	DESCRIPTION
 HW1	783310003731	High torque 1/2" impact wrench with 7/16" hex quick change chuck w/adaptor
 HW1V	783310003724	High torque 1/2" impact wrench with torque adj, 7/16" hex quick change chuck w/adaptor
 AD1/2-5/8	783310009399	Heavy duty 5/8" hex x 1/2" square drive shank
 NR1-5/8	783310009382	Heavy duty 5/8" hex x NR1 Nut Runner
 00916	783310009160	Heavy duty 5/8" hex x NR2 Nut Runner
 49782	783310497820	Heavy duty 7/16" hex x NR1 Nut Runner
 21111	783310211112	Heavy duty 7/16" hex x NR2 Nut Runner
 49314	783310493143	Heavy duty 7/16" hex x 1/2" square drive shank
 NR1	783310457985	Nut Runner with adapter for 5/8", 1/2", 13/16", 1" square nuts
 NR2	783310209201	Nut Runner with adapter for 1", 1-1/8", 1-5/16" square nuts
 00376	783310003762	Trigger guard kit for HW1 or HW1V, HW3
 54923	783310549239	HTMA Male Coupler: HTMA, 3/4-16 SAE O-Ring Exterior Thread
 54924	783310549246	HTMA Female Coupler: HTMA, 9/16-18 SAE O-Ring Exterior Thread
 37868	783310378686	Nail Eater II, 7/16" Hex Extreme Impact Bits -9/16" Dia., 18" Length
 37869	783310378693	Nail Eater II, 7/16" Hex Extreme Impact Bits – 11/16" Dia., 18" Length
 37870G	783310378709	Nail Eater II, 7/16" Hex Extreme Impact Bits – 13/16" Dia., 18" Length
 37871	783310378716	Nail Eater II, 7/16" Hex Extreme Impact Bits – 15/16" Dia., 18" Length
 66TF-9/16	783310020042	Nail Eater Extreme, 7/16 Hex Black Teflon Coated Impact Bits – 9/16" Dia., 18" Length
 66TF-11/16	783310020059	Nail Eater Extreme, 7/16 Hex Black Teflon Coated Impact Bits – 11/16" Dia., 18" Length
 66TF-13/16	783310020066	Nail Eater Extreme, 7/16 Hex Black Teflon Coated Impact Bits – 13/16" Dia., 18" Length
 66TF-15/16	783310020073	Nail Eater Extreme, 7/16 Hex Black Teflon Coated Impact Bits – 15/16" Dia., 18" Length
 135245	783310408871	Hose Assembly, 3/8" x 8' Orange -3/8" NPTF male fittings
 135247	783310408888	Hose Assembly, 3/8" x 10' Orange – 3/8" NPTF male fittings
 25746	783310257462	Hose Assembly- 3/8 x 8' Orange – 3/8" NPTF male swivel fittings
 31369	783310313694	Hose Assembly- 3/8 x 8' Orange – 9/16"-18 SAE O-ring swivel / 3/4"-16 SAE O-ring swivel



HW3

## 3/4" Square Drive Impact Wrench

- Forward positioned handle for improved balance and reduced fatigue
- Impact and heat-resistant Cool Grip™ handle dissipates heat
- Integrated lifting eye
- Industry-leading weight to torque ratio
- Quickly change between forward and reverse motions with directional control selector
- Adjustable torque with variable flow knob

### SPECIFICATIONS

Capacity	3/4" square
System	Super Spool Selector Control
Weight	10.5 lb (4.75 kg)
Length	9.3" (236 mm)
Width	4.2" (107 mm)
Height	11.8" (300 mm)
Flow Range	4 – 12 gpm (15 – 45 lpm)
Operating Pressure	1000 – 2000 psi (69 – 140 bar)
Torque	1283 ft-lb (1742 Nm) at 10 gpm (37.8 lpm)
Pressure Port Thd	9/16 – 18 SAE O-Ring
Return Port Thd	3/4 – 16 SAE O-Ring
RPM Range	2800 rpm at 8 gpm (30 lpm) (no load)

CAT. NO.	UPC NO.	DESCRIPTION
HW3	783310009900	High torque 3/4" impact wrench with 3/4" square drive with auxiliary handle
<b>A</b> 54923	783310549239	HTMA Male Coupler
<b>A</b> 54924	783310549246	HTMA Female Coupler



H8508-1

## 1/2" Drill

- Twin-hammer impact mechanism provides high performance and reliability
- Reversing spool to switch between forward and reverse rotation
- One-piece handle and impact housing casting provide long life
- Super Spool permits quick switches between open center and closed-center hydraulic systems
- Heat-insulated handle, ergonomically positioned for comfort
- Well balanced for comfortable operation
- Includes the 49314 heavy duty 1/2" square drive adapter, toughest adapter on the market

### SPECIFICATIONS

<b>Accessory</b>	54923 HTMA Male Coupler, 54925 HTMA Female Coupler, 49314 Heavy Duty 7/16" Hex by 1/2" Square Drive Shank Adapter NR1 Nut Runner With Adapter For 5/8", 1/2", 13/16" and 1" Square Nuts NR2 Nut Runner With Adapter For 1", 1-1/8"
<b>Capacity</b>	7/16 in hex
<b>Flow Range</b>	4 – 10 GPM (15 – 38 LPM)
<b>Handle Type</b>	Heat-Insulated
<b>Height</b>	10.6" (269 mm)
<b>Hydraulic System</b>	Super Spool Selector For Either Open-Center Or Closed-Center
<b>Includes</b>	49314 Heavy Duty 1/2 in Square Drive Adapter
<b>Length</b>	8.2" (208 mm)
<b>Operating Pressure</b>	1000 – 2000 psi (69 – 140 BAR)
<b>Optimum Flow Range</b>	5 – 8 GPM (19 – 30 LPM)
<b>Pressure Port</b>	3/4 – 16 SAE O-Ring
<b>Return Port</b>	3/4 – 16 SAE O-Ring
<b>Torque Rating</b>	400 ft-lb At 8 GPM (542 N-M AT 30 LPM) Maximum, 400 ft-lb 8GPM (542 NM At 30 LPM) Minimum
<b>Weight</b>	7.4 lb (3.4 kg)
<b>Width</b>	4.2" (107 mm)
<b>Impact Wrench – 1/2" 7/16 Hex QC (PKG)</b>	High torque 1/2 impact wrench with 7/16 hex quick change chuck and 49314 heavy-duty adapter

CAT. NO.	UPC NO.	DESCRIPTION
H8508-1	783310126829	Impact Wrench – 1/2" 7/16 Hex
H8508-1V	783310126836	Impact Wrench – 1/2" 7/16 Hex QC VT
H8508-3V	783310126874	Impact Wrench – 1/2" 7/16 Hex QC VT/LT
 NR1	783310457985	Nut Runner With Adapter
 66TF-9/16	783310020042	Naileater® Teflon® Impact Auger Bit – 9/16" x 18"
 66TF-11/16	783310020059	Naileater® Teflon® Impact Auger Bit – 11/16" x 18"
 66TF-13/16	783310020066	Naileater® Teflon® Impact Auger Bit – 13/16" x 18"
 66TF-15/16	783310020073	Naileater® Teflon® Impact Auger Bit – 15/16" x 18"



NR1

### SPECIFICATIONS – NR1 NUT RUNNER

Length w/o Adapter	7-3/4" (197 mm)
Length with Adapter	9-1/2" (241 mm)
Diameter	1-3/4" dia. (45 mm dia.)
Weight with Adapter	1.5 lb (0.7 kg)
Nut Sizes	1", 13/16", 3/4", 5/8"

### SPECIFICATIONS – NR2 NUT RUNNER

Length w/o Adapter	8-5/8" (219 mm)
Length with Adapter	11" (279 mm)
Diameter	2-3/8" (60 mm)
Weight with Adapter	3.25 lb (1.5 kg)
Nut Sizes	1-1/2", 1-5/16", 1-1/8"

## Nut Runners

- Deep well accepts up to 6" (152 mm) excess bolt length
- 7/16" hex quick-change adapter included
- Slim profile for easy use and storage

CAT. NO.	UPC NO.	DESCRIPTION
NR1	783310457985	NR1 Nut Runner with Adapter
NR2	783310209201	NR2 Nut Runner with Adapter
49782	783310497820	Adapter for NR1 Nut Runner
21111	783310211112	Adapter for NR2 Nut Runner
00916	783310009160	Adapter for NR1 – 5/8" Hex



66TF-9/16

## Impact Auger Bits

- Teflon® coating resists heat and friction for fast and smooth operation
- Patented cutting edge cuts nails and staples so the bits last longer over time
- Over center flute design evacuates chips faster; no clogging or chip flyback
- Less power required to drill holes – extending battery life by up to 30%

### SPECIFICATIONS

66TF-9/16	18" x 1.5" x 1.5" (47.52 cm x 3.81 cm x 3.81 cm)
66TF-11/16	18" x 1.5" x 1.5" (47.52 cm x 3.81 cm x 3.81 cm)
66TF-13/16	Impact Auger Bit, TF-13/16" x 18" (Pop)
66TF-15/16	Impact Auger Bit, TF-15/16" x 18" (Pop)

CAT. NO.	UPC NO.	DESCRIPTION
66TF-9/16	783310020042	Impact Auger Bit, TF-9/16" x 18" (Pop)
66TF-11/16	783310020059	Impact Auger Bit, TF-11/16" x 18" (Pop)
66TF-13/16	783310020066	Impact Auger Bit, TF-13/16" x 18" (Pop)
66TF-15/16	783310020073	Impact Auger Bit, TF-15/16" x 18" (Pop)



HID6506

CAT. NO.	UPC NO.	DESCRIPTION
HID6506	783310423096	SDS Plus Rotary Impact Hammer Drill
49782	783310497820	Heavy duty 7/16" hex x NR1 Nut Runner
A 54923	783310549239	HTMA Male Coupler: HTMA, 3/4-16 SAE O-Ring Exterior Thread
A 54925	783310549253	HTMA Female Coupler: HTMA, 9/16-18 SAE O-Ring Exterior Thread

## Rotary Impact Hammer Drill

- SDS-plus chuck
- Hammer / Drill mode selector
- Variable flow control
- Lifting eye for safe storage
- Forward / Reverse flow selector

### SPECIFICATIONS

Capacity	Concrete – 7/8" (22 mm) hole / Steel – 1/2" (13 mm) hole Wood – 1-1/8" (30 mm) hole / Core Bit – 2-5/8" (68 mm)
System	Super Spool Selector Control
Chuck	SDS Plus bit shanks
Weight	9 lb (4.1 kg)
Length	11.2" (285 mm)
Width	3.5" (89 mm)
Height	11" (280 mm)
Flow Range	4 – 12 gpm (15 – 45 lpm)
Operating Pressure	1000 – 2000 psi (69 – 140 bar)
Pressure Port Thd.	3/4 – 16 SAE O-Ring
Return Port Thd.	3/4 – 16 SAE O-Ring
RPM Range	900 – 1050 rpm at 6 gpm (22.7 lpm)
Blows Per Minute	5400 at 6 gpm (22.7 lpm)



H6400C

CAT. NO.	UPC NO.	DESCRIPTION
H6400C	783310422600	Drill – 1/2" (13 mm) key-type chuck
A 54923	783310549239	HTMA Male Coupler
A 54924	783310549246	HTMA Female Coupler

## Compact 1/2" Drill

- Compact, lightweight – ideal for line construction applications
- Super Spool™ selector control for use on Open- and Closed-Center hydraulic systems
- Rugged, reversible gear motor

### SPECIFICATIONS

Capacity	Steel – 1/2" (13 mm) hole Wood – 1-1/6" (27 mm) hole
System	Super Spool™ selector control for use on Open- and Closed-Center hydraulic systems
Chuck	1/2" (13 mm) key-type
Weight	6 lb (2.7 kg)
Length	7.5" (190 mm)
Width	3" (76 mm)
Height	9" (229 mm)
Flow Range	4 – 8 gpm (15 – 30 lpm)
Operating Pressure	1,000 – 2,000 psi (69 – 140 bar)
Pressure Port Thd.	9/16 – 18 SAE O-Ring
Return Port Thd.	3/4 – 16 SAE O-Ring
RPM	1,300 rpm at 6 gpm (23 lpm)



HPS513

## Pistol-Grip Chain Saws

- Lightweight – ideal for cutting back or trimming from aerial basket
- Chain and bar can be adjusted without removing sprocket cover
- Sprocket cover can be removed without tools for easy saw cleaning
- Handle position can be oriented to horizontal, or to 60° or 30° relative to bar and chain to user preference (except on model with chain brake)
- Rugged gear motor and expanded chip exit area
- Automatic chain oiler can be adjusted without tools
- Features include: two-step trigger, high impact polymer front handle/shroud, wide lower handle protects hands/knuckles, chain catcher can stop chain rotation
- Reduced kickback bar and chain
- Supplied with 12" (305 mm) steel braided whip hoses (couplers not included)
- Chain brake model meets requirements of ISO6535

### SPECIFICATIONS

<b>Cutting Capacity</b>	13" (330 mm)
<b>System</b>	Super Spool™ selector control for use on Open- and Closed-Center hydraulic systems
<b>Weight</b>	8.5 lb (3.9 kg) saw with bar and chain
<b>Length</b>	26.5" (673 mm)
<b>Width</b>	10" (254 mm)
<b>Flow Range</b>	4 – 8 gpm (15 – 30 lpm)
<b>Operating Pressure</b>	1,000 – 2,000 psi (69 – 140 bar)
<b>Pressure Port Thread</b>	9/16 – 18 SAE O-Ring
<b>Return Port Thread</b>	3/4 – 16 SAE O-Ring
<b>Chain Size</b>	.325" (8.3 mm) pitch
<b>Bar Gauge</b>	.058" (1.47 mm)

CAT. NO.	UPC NO.	DESCRIPTION
HPS513	783310495659	Pistol-Grip Chain Saw
HPS513CB	783310458265	Pistol-Grip Chain Saw with Chain Brake
 F020198K	783310417804	HTMA Male Coupler
 F020195K	783310417774	HTMA Female Coupler



HCS816

## Standard Chain Saw

- Ideal for large trimming applications and cut-up removal jobs
- Chain and bar can be adjusted without removing sprocket cover
- Sprocket cover can be removed without tools for easy saw cleaning
- Handle position can be oriented to horizontal, or to 60° or 30° relative to bar and chain to user preference (except on model with chain brake)
- Rugged gear motor and expanded chip exit area
- Automatic chain oiler can be adjusted without tools
- Features include: two-step trigger, high impact polymer front handle/shroud, wide lower handle protects hands/knuckles, chain catcher can stop chain rotation
- Reduced kickback bar and chain
- Supplied with 12" (305 mm) steel braided whip hoses (couplers not included)
- Chain brake models meet requirements of ISO 6535

### SPECIFICATIONS

<b>System</b>	Super Spool™ selector control for use on Open- and Closed-Center hydraulic systems
<b>Width</b>	10" (254 mm)
<b>Flow Range</b>	4 – 8 gpm (15 – 30 lpm)
<b>Operating Pressure</b>	1,000 – 2,000 psi (69 – 140 bar)
<b>Pressure Port Thread</b>	9/16 – 18 SAE O-Ring
<b>Return Port Thread</b>	3/4 – 16 SAE O-Ring
<b>Chain Size</b>	3/8" (9.52 mm) pitch
<b>Bar Gauge</b>	.050" (12.7 mm)
<b>Cutting Capacity</b>	HCS816: 16" (406 mm) HCS820: 20" (508 mm) HCS8160CB: 16" (406 mm)
<b>Weight</b>	HCS816: 9.5 lb (4.3 kg) HCS820: 10.2 lb (4.6 kg) HCS8160CB: 9.5 lb (4.3 kg)
<b>Length</b>	HCS816: 31.5" (800 mm) HCS820: 35.5" (902 mm) HCS8160CB: 31.5" (800 mm)

CAT. NO.	UPC NO.	DESCRIPTION
HCS816	783310495666	Chain Saw with 16" blade
HCS820	783310496038	Chain Saw with 20" blade
HCS8160CB	783310456537	Chain Saw with Chain Brake 16" (406 mm)
 F020198K	783310417804	HTMA Male Coupler
 F020195K	783310417774	HTMA Female Coupler

## Long-Reach Chain Saws



43178

### SPECIFICATIONS

Cutting Capacity	13" (330 mm)
System	Super Spool™ selector control for use on Open- and Closed-Center hydraulic systems
Extension Type	Fiberglass – tested to 100 kV for 5 minutes
Width	4" (102 mm)
Flow Range	5 – 8 gpm (19 – 30 lpm)
Operating Pressure	1,000 – 2,000 psi (69 – 140 bar)
Pressure Port Thread	9/16 – 18 SAE O-Ring
Return Port Thread	3/4 – 16 SAE O-Ring
Chain Size	.325" (8.3 mm) pitch
Bar Gauge	.058" (1.47 mm)

- Cool Grip™ handle eliminates heat transfer
- Cuts hard-to-reach branches from aerial basket or from the ground
- Super Spool™ selector control for use on Open- and Closed-Center hydraulic systems
- Available in three lengths
- Insulated fiberglass extension tubes, tested to meet OSHA Regulation 1910.269
- Safety features include: two-step trigger, trigger guard, and fully covered sprocket guard
- Anti-kickback chain and automatic chain oiler
- Rugged high torque gear motor
- Unfilled and foam-filled extension tube versions offered

CAT. NO.	UPC NO.	DESCRIPTION	LENGTH	WEIGHT
43178	783310431787	Long Reach Chain Saw	62.5" (1.6 m)	8-1/2 lb (3.9 kg)
38568	783310385684	Long Reach Chain Saw	75" (1.9 m)	9-1/4 lb (4.2 kg)
43177	783310431770	Long Reach Chain Saw	88.5" (2.2 m)	9-3/4 lb (4.4 kg)
LRF75	783310171423	Foam Filled Long Reach Chain Saw	75" (1.6 m)	9-1/2 lb (4.4 kg)
LRF88	783310171423	Foam Filled Long Reach Chain Saw	88.5" (2.2 m)	10-1/4 lb (4.7 kg)
A 54923	783310549239	HTMA Male Coupler	-	-
A 54924	783310549246	HTMA Female Coupler	-	-

### ACCESSORIES

### CHAIN SAWS

CAT. NO.	DESCRIPTION	LRF75 43178	LRF88 38568	HPS513 43177	HCS816 HPS513CB	HCS8160CB	HCS820
170074	13" Bar, .058 Gauge	◆	◆	◆	◆	-	-
F030030	13" Chain, .325 Pitch	◆	◆	◆	◆	-	-
55141	16" Bar, .050 Gauge	-	-	-	-	◆	○
F022544	16" Chain, 3/8 Pitch	-	-	-	-	◆	○
55185	20" Bar, .050 Gauge	-	-	-	-	○	◆
55191	20" Chain, 3/8 Pitch	-	-	-	-	○	◆
55101	.325" Rim Sprocket	◆	◆	◆	◆	-	-
55103	3/8" Rim Sprocket	-	-	-	-	◆	◆

◆ – Standard item shipped with product

○ – Optional accessory or replacement (must use matching bar and chain)

# LOW PRESSURE HYDRAULIC TOOLS



## Overhead Circular Saw

- Use for high production utility line clearing and general tree clearing applications
- Super Spool™ selector control for Open- and Closed-Center hydraulic systems
- Features include: hand stop collar, trigger guard, two-step trigger and branch stop
- Insulated fiberglass extension tube, tested to meet OSHA regulation 1910.269
- Rugged gear motor
- Angular head design makes flush cuts easier and directs chips away from the operator
- 9" (229 mm) diameter blade standard

### SPECIFICATIONS

Cutting Capacity	3.5" (89 mm)
System	Super Spool™ selector control for use on Open- and Closed-Center hydraulic systems
Blade Diameter	9" (229 mm)
Extension Type	Fiberglass – tested to 100 KvA for 5 minutes
Weight	9 lb (4.1 kg)
Overall Length	82" (2.1 m)
Flow Range	4 – 6 gpm (15 – 23 lpm)
Operating Pressure	1,000 – 2,000 psi (69 – 140 bar)
Pressure Port Thread	9/16 – 18 SAE O-Ring
Return Port Thread	3/4 – 16 SAE O-Ring
RPM	5,250 rpm at 6 gpm (23 lpm)

CAT. NO.	UPC NO.	DESCRIPTION
43180	783310431800	Overhead Circular Saw
 54923	783310549239	HTMA Male Coupler
 54924	783310549246	HTMA Female Coupler
 L088009	783310428534	9" Blade
 156586	783310439738	9" Beaver Blade Assembly



## Insulated Pruner

- Heavy cut capacity cuts branches up to 2" (50 mm)
- Insulated fiberglass extension tubes, tested to meet OSHA Regulation 1910.269
- Use on utility line clearing and selective pruning of shade trees
- Heat-insulated handle

### SPECIFICATIONS

Cutting Capacity	2" (50 mm)
System	Open-Center
Extension Type	Fiberglass – tested to 100 kV for 5 minutes
Weight	10.6 lb (4.8 kg)
Overall Length	86" (2,159 mm)
Width	6-1/4" (158 mm)
Flow Range	4 – 6 gpm (15 – 23 lpm)
Operating Pressure	1,000 – 2,000 psi (69 – 140 bar)
Pressure Port Thd.	9/16 – 18 SAE O-Ring
Return Port Thd.	3/4 – 16 SAE O-Ring

CAT. NO.	UPC NO.	DESCRIPTION
48520	783310485209	Utility Pruner, Open-Center
<b>A</b> 54923	783310549239	HTMA Male Coupler
<b>A</b> 54924	783310549246	HTMA Female Coupler
<b>R</b> 11660	783310116608	Conversion Kit For Closed-Center Hydraulic System



## Orchard and Shade Tree Pruner

- Heavy-duty large capacity pruner for all agricultural work
- 360° swiveling extension
- Heat barrier grip and full trigger guard

### SPECIFICATIONS

Cutting Capacity	1-3/4" (44 mm)
System	Open-Center; Extension Type: Aluminum*
Weight	7.7 lb (3.5 kg)
Overall Length	60" (1.5 m)
Width	6" (152 mm)
Flow Range	4 – 6 gpm (15 – 23 lpm)
Operating Pressure	1,000 – 2,000 psi (69 – 140 bar)
Pressure Port Thd.	3/8" NPTF
Return Port Thd.	3/8" NPTF

CAT. NO.	UPC NO.	DESCRIPTION
LHFS-210003	783310429098	Pruner – 60" (1.5 m) overall length
<b>A</b> F013455	783310414193	3/8" x 1/2" Reducer, NPTF Thread (Qty. 2)
<b>A</b>	783310417781	HTMA Female Coupler 1/2" NPTF
<b>A</b> F020197K	783310417798	HTMA Male Coupler 1/2" NPTF
<b>R</b> L043175	783310423584	Conversion Kit For Closed-Center Hydraulic System

\*CAUTION: not to be used near high voltage lines



HPB25

## Breaker/Ground Rod Driver – 25 lb (11.3 Kg)

- “D” handle and an assist handle for both vertical and horizontal operation
- Simple construction with few parts provides easy maintenance and excellent durability
- Supplied with 12" (305 mm) steel braided whip hoses
- Hydraulic cushioning of the ram return stroke helps to reduce operator fatigue
- Lever style latch for quick tool changes

### SPECIFICATIONS

System	Open-Center
Weight	25 lb (11.5 kg)
Length	22" (566 mm)
Width	6" (154 mm)
Chuck Size	7/8" x 3-1/4"
Whip Hoses	3/8" NPTF x 12" (305 mm)
Hydraulic Flow	5 – 7 gpm (19 – 25 lpm)
Operating Pressure	1,280-1,850 psi (88 – 127 bar)
Maximum Pressure	3,000 psi (207 bar)
Blows Per Minute	1,800 at 7 gpm (25 lpm)

CAT. NO.	UPC NO.	DESCRIPTION
HPB25	783310459378	Paving Breaker
 F020198K	783310417804	HTMA Male Coupler 3/8" NPTF
 F020195K	783310417774	HTMA Female Coupler 3/8" NPTF



HPB35

## Breaker – 35 lb (16 kg)

- Vibration isolated and cushioned handles to reduce operator fatigue
- Simple construction with few parts provides easy maintenance and excellent durability
- Supplied with 12" (305 mm) steel braided whip hoses
- Hydraulic cushioning of the ram return stroke helps to reduce operator fatigue
- Lever style latch for quick tool changes

### SPECIFICATIONS

System	Open-Center
Weight	35 lb (16 kg)
Length	24" (604 mm)
Width	16" (412 mm)
Chuck Size	1" x 4-1/4"
Whip Hoses	3/8" NPTF x 12" (305 mm)
Hydraulic Flow	5 – 8 gpm (19 – 30 lpm)
Operating Pressure	1,140 – 1,700 psi (78 – 118 bar)
Maximum Pressure	3,000 psi (207 bar)
Blows Per Minute	2,000 at 7 gpm (25 lpm)

CAT. NO.	UPC NO.	DESCRIPTION
HPB35	783310459385	Paving Breaker – 35 lb
 F020198K	783310417804	HTMA Male Coupler 3/8" NPTF
 F020195K	783310417774	HTMA Female Coupler 3/8" NPTF



HPB45

## Breaker – 45 lb (20.4 kg) and 55 lb (25.2 kg)

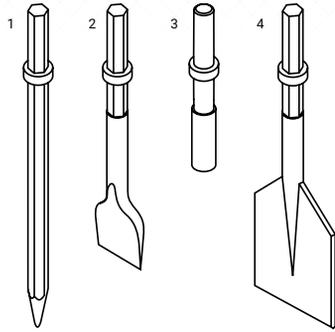
- Great for breaking sidewalks and curbs or driving ground rod, and for other small demolition jobs
- Clean modular design with few protrusions to irritate operators' legs
- High blow energy provides maximum breaking power
- Integral rubber damper reduces chisel noise
- AVS tools have patented spring-dampened handles that reduce vibration transmitted to the operator by up to 90%
- Two-step trigger
- Supplied with 12" (305 mm) steel braided whip hoses

### SPECIFICATIONS

<b>Accessory</b>	F020196K HTMA Female Coupler – 1/2 in NPTF internal thread, F020197K HTMA Male Coupler – 1/2 in NPTF internal thread
<b>Application</b>	For Breaking Sidewalks and Curbs or Driving Ground Rod, and for other small Demolition Jobs
<b>Blow Energy</b>	63 ft-lb (85 J)
<b>Blows Per Minute</b>	2160 BPM
<b>Handle Type</b>	Cushioned/Spring-Dampened
<b>Length</b>	28.5" (731 mm)
<b>Sound Power Level</b>	LWA=110 DB
<b>Vibration Level</b>	11.400 M/S <sup>2</sup> /5.300 M/S <sup>2</sup>
<b>Weight</b>	54 lb (24.5 kg) will vary between models

CAT. NO.	UPC NO.	DESCRIPTION
HPB45-1AVS	783310021971	Breaker – 1-1/8 x 6" tool shank size, cushioned/spring-dampened handles
HPB45-2AVS	783310021988	Breaker – 1 x 4-1/4" tool shank size, cushioned/spring-dampened handles
HPB55-1AVS	783310022015	Breaker – 1-1/8 x 6" tool shank size, cushioned/spring-dampened handles
 F020196K	783310417781	HTMA Female Coupler – 1/2" NPTF internal thread
 F020197K	783310417798	HTMA Male Coupler – 1/2" NPTF internal thread

# WIRE & CABLE TERMINATION



- 1. Moil Point
- 2. Chisel
- 3. Rod Driver Adapter
- 4. Concrete/Asphalt Cutter

## USE WITH BREAKERS

CAT. NO.	DESCRIPTION	USE WITH BREAKERS				
		25 LB (11.5 KG)	35 LB (16 KG)	45 LB (20.4 KG)		55 LB (25.2 KG)
		HPB25	HPB35	HPB45-1AVS	HPB45 -2AVS	HPB55 -1AVS
F016769	Moil Point – 7/8" x 3-1/4" (22 mm x 83 mm)	X	-	-	-	-
F016770K	Chisel, 3" (76 mm) – 7/8" x 3-1/4" (22 mm x 83 mm)	X	-	-	-	-
113509	Threadless Ground Rod Adapter, 1" (25 mm) 7/8" x 3-1/4" (22 mm x 83 mm)	X	-	-	-	-
137449	Threadless Ground Rod Adapter, 5/8" (16 mm) 7/8" x 3-1/4" (22 mm x 83 mm)	X	-	-	-	-
49138	Moil Point – 1" x 4-1/4" (25 mm x 108 mm)	-	X	-	X	-
46219	Chisel, 3" (76 mm) – 1" x 4-1/4" (25 mm x 108 mm)	-	X	-	X	-
46221	Asphalt Cutter, 5" (127 mm) – 1" x 4-1/4" (25 mm x 108 mm)	-	X	-	X	-
46222	Threadless Ground Rod Adapter, 5/8" (16 mm) 1" x 4-1/4" (25 mm x 108 mm)	-	X	-	X	-
46223	Threadless Ground Rod Adapter, 1" (25 mm) 1" x 4-1/4" (25 mm x 108 mm)	-	X	-	X	-
F018451	Moil Point – 1-1/8" x 6" (29 mm x 152 mm)	-	-	X	-	X
F018452	Chisel – 1-1/8 x 6" x 3" (29 mm x 152 mm x 76 mm)	-	-	X	-	X
F018453	Asphalt Cutter, 5" (127 mm) – 1-1/8 x 6" (29 mm x 152 mm)	-	-	X	-	X



HPD-T

## HPD Series Sign Post Driver

- Can drive a variety of post sizes up to 3-1/2" round posts including square, "U" channel, breakaway stubs, round, "T" fence, and wood
- Quick change front head design accommodates adapters for different types of posts
- Dual guide handles for good directional control
- A deep post opening and smooth operation assures that the driver will not jump off posts
- Available with integral trigger or remote on/off valve

### SPECIFICATIONS

<b>Hydraulic System</b>	HPD-T- open center, HPD-HV is open or closed center system
<b>Weight w/UA Adapter and Hoses</b>	75 lb (34.0 kg)
<b>Length</b>	32" (813 mm)
<b>Flow Range</b>	5-8 gpm (19-30 lpm)
<b>Blow Energy</b>	81 ft-lb (110 Joules)
<b>Blows/min @ 8 gpm (30 lpm)</b>	1500
<b>Maximum Input Pressure</b>	2300 psi (160 bar)
<b>On/Off Hose Connection Sizes (HPD-T)</b>	Pressure Hose 1/2" NPTF Return Hose 1/2" NPTF
<b>Valve Connection Port Sizes (HPD-HV)</b>	On/Off Valve Pressure Port 9/16 – 18 SAE O-Ring Boss On/Off Valve Return Port 3/4 – 16 SAE O-Ring Boss



UA



SA54



RA96

CAT. NO.	UPC NO.	DESCRIPTION
HPD-T-U	783310111832	Sign post driver w/integral trigger w/universal post adapter
HPD-HV-U	783310111863	Sign post driver w/remote on/off valve w/universal post adapter
<b>A</b> UA	783310495321	Universal post adapter
<b>A</b> RA96	783310495338	3.8" (96 mm) round post adapter
<b>A</b> SA54	783310495345	2-1/8" square post adapter
<b>A</b> F020196K	783310417781	HTMA Female Coupler – 1/2" NPTF internal thread
<b>A</b> F020197K	783310417798	HTMA Male Coupler – 1/2" NPTF internal thread
<b>A</b> 1803065	783310109136	12" (305 mm) Hose Assembly
<b>A</b> 54923	783310549239	HTMA Female Coupler
<b>A</b> 54924	783310549246	HTMA Male Coupler
<b>R</b> 1803066	783310028710	Hose Assembly
<b>R</b> 111952	783310402909	Remote Valve



## Ground Rod Driver

- A deep rod opening and smooth operation ensures that the driver will not jump off of rods
- Light weight allows easy mounting on top of rods
- Pump is able to run dry for longer working life
- Dual guide rods provide excellent control for driving rods straight, and the remote on/off valve makes it easy to control the depth of the rod

### SPECIFICATIONS

Hydraulic System	Open- and Closed-Center
Weight	Power Unit only 45 lb (20.5 kg) with Hoses and Control Valve (Included) 53 lb (24.0 kg)
Length	25-1/2" (654 mm)
Flow Range	5-8 gpm (19-30 lpm)
Blow Energy	63 ft-lb (85 joules)
Blows Frequency	1740/min. at 8 gpm (30 lpm)
Maximum Input Pressure	2000 psi (138 bar)
Hose Length	70" (178 cm)
On/Off Valve Pressure Ports	9/16 - 18 SAE O-Ring
On/Off Valve Return Ports	3/4 - 16 SAE O-Ring

CAT. NO.	UPC NO.	DESCRIPTION
HRD-58	783310111924	Ground Rod Driver 5/8" (16 mm) opening
HRD-1	783310111931	Ground Rod Driver 1" (25 mm) opening
<b>A</b> 54923	783310549239	HTMA Male Coupler
<b>A</b> 54924	783310549246	HTMA Female Coupler
<b>A</b> 02872	783310028727	70" Hose Assembly
<b>R</b> 111952	783310402909	Remote Valve



H4802-5

H4802

## Pole Tamper

- Makes quick work of setting poles, asphalt patch, and general construction backfill compacting
- Only three moving parts for low maintenance
- Kidney-shaped foot included
- Hose End Valve – Reversible on/off valve for Open- and Closed-Center hydraulic systems
- Valve on Tube – Rotate trigger spool for Open- and Closed-Center hydraulic systems

### SPECIFICATIONS

<b>Valve Location</b>	H4802-6 – Hose End H4802-5 and H4802-3 – On Tube
<b>Length</b>	H4802 – 60" (1.5 m); H4802-6 – 60" (1.5 m); H4802-1 – 85" (2.2 m); H4802-5 – 60" (1.5 m); H4802-3 – 72" (1.8 m)
<b>Weight</b>	H4802 – 23 lb (10.4 kg); H4802-6 – 23 lb (10.4 kg); H4802-1 – 28 lb (12.7 kg); H4802-5 – 22 lb (9.8 kg); H4802-3 – 23 lb (10.4 kg)
<b>System</b>	Open- and Closed-Center
<b>Width</b>	4" (102 mm)
<b>Flow Range</b>	4 – 6 gpm (15 – 23 lpm)
<b>Operating Pressure</b>	1,000 – 2,000 psi (69 – 138 bar)
<b>Pressure Port Thread</b>	9/16 – 18 SAE O-Ring
<b>Return Port Thread</b>	3/4 – 16 SAE O-Ring
<b>Standard Foot Size</b>	2.5 x 8" (63 x 203 mm) kidney-shaped
<b>Blows Frequency</b>	1,160/min. at 5 gpm (19 lpm)

CAT. NO.	UPC NO.	DESCRIPTION
H4802	783310421986	60" Pole Tamper, Hose End Valve
H4802-6	783310422020	60" Pole Tamper, Hose End Valve (unit does not include on/off valve)
H4802-1	783310421993	85" Pole Tamper, Hose End Valve
H4802-5	783310422013	60" Pole Tamper, Valve on Tube
H4802-3	783310422006	72" Pole Tamper, Valve on Tube
 111964K	783310403012	Kidney-Shaped Foot
 54923	783310549239	HTMA Male Coupler
 54924	783310549246	HTMA Female Coupler
 56295	783310562955	56" Abrasion Resistant Hose Set w/nylon sleeve and tool end strain reliefs
 56296	783310562962	56" Hose Set for Remote Valve Tampers w/tool end strain reliefs
 HRV48	783310072294	Remote Valve



H4905A

## Sign Post Puller

- Uses serrated jaws or wraparound, high-strength alloy chain
- Able to pull most any post size and shape
- Faster and easier than conventional manual methods
- Includes pulling chain

### SPECIFICATIONS

System	Open-Center
Lift Capacity	9,800 lb (4,445 kg)
Stroke	5" (127 mm)
Chain	9/32" (7.1 mm) alloy
Weight	70 lb (31.8 kg)
Length	10.5" (267 mm)
Width	10" (254 mm)
Height	26" (660 mm) retracted
Flow Range	4 – 6 gpm (15 – 23 lpm)
Operating Pressure	1,000 – 2,000 psi (69 – 138 bar)
Maximum Pressure	2,000 psi (138 bar)
Pressure Port Thread	9/16 – 18 SAE O-Ring
Return Port Thread	3/4 – 16 SAE O-Ring

CAT. NO.	UPC NO.	DESCRIPTION
H4905A	783310422372	Sign Post Puller
<b>A</b> 54923	783310549239	HTMA Male Coupler
<b>A</b> 54924	783310549246	HTMA Female Coupler
<b>R</b> F022894	783310420149	High-Strength Alloy Chain



H4665A

## 2" Compact Submersible Water Pump

- Self-priming, compact, lightweight design with carrying handle
- High impact strainer housing
- Up to 275 gpm (1,041 lpm)
- Can draw water down to depth of 1-3/4" (45 mm)
- Can run dry without damage
- Locking coupler for discharge hose included

### SPECIFICATIONS

System	Open- and Closed-Center
Capacity	Up to 275 gpm (1,041 lpm) [at 7 gpm (27 lpm) and a 10' (3 m) head height]
Intake Port	1-15/16" (49 mm)
Discharge Port	2" (44 mm) NPT Female
Strainer	2-5/8 x 5-58" (67 x 143 mm) – 3/8" (9.5 mm) openings
Weight	9 lb (4.0 kg)
Height	12.5" (318 mm) over handle
Width	7.5" (190 mm) diameter
Flow Range	5 – 8 gpm (19 – 30 lpm)
Operating Pressure	0 – 2,000 psi (0 – 138 bar)
Pressure Port Thread	9/16 – 18 SAE O-Ring
Return Port Thread	3/4 – 16 SAE O-Ring



F024772



156340

CAT. NO.	UPC NO.	DESCRIPTION
H4665A	783310421917	Compact Submersible Pump
 F024772	783310421047	2" Cam Lock Coupling for Discharge Hose
 156340	783310412205	2" Diameter x 25' Discharge Hose Assembly
 54923	783310549239	HTMA Male Coupler
 54924	783310549246	HTMA Female Coupler

## 2-1/2" Submersible Water Pump

- High impact strainer housing with carrying handle
- Self-priming
- Up to 400 gpm (1,514 lpm)
- Pump is able to run dry for longer working life
- Can draw water down to depth of 2" (51 mm)
- Locking coupler for discharge hose included



### SPECIFICATIONS

System	Open- and Closed-Center
Capacity	Up to 400 gpm (1,514 lpm) [at 7 gpm (27 lpm) and a 15' (4.5 m) head height]
Intake Port	1-1/2" (38 mm)
Discharge Port	2-1/2" (64 mm) NPT Female
Strainer	7" x 2.5" (178 x 64 mm)
Weight	23.5 lb (10.6 kg)
Height	16" (406 mm) over handle
Width	12" (305 mm) diameter
Flow Range	4 – 8 gpm (15 – 30 lpm)
Operating Pressure	0 – 2,000 psi (0 – 138 bar)
Pressure Port Thread	1/2" Male NPTF
Return Port Thread	1/2" Male NPTF



F024775



156339

CAT. NO.	UPC NO.	DESCRIPTION
H4660B	783310421900	Submersible Pump
<b>A</b> F024775	783310421054	2.5" Cam Lock Coupling for Discharge Hose
<b>A</b> 156339	783310412199	2.5" Diameter x 25' Discharge Hose Assembly
<b>A</b> F020196K	783310417781	HTMA Female Coupler – 1/2" NPTF internal thread
<b>A</b> F020197K	783310417798	HTMA Male Coupler – 1/2" NPTF internal thread



H4635

### 3" Submersible Trash Pump

- Compact, under 12" (300 mm) diameter to easily fit into small areas
- Self-priming submersible pump can be placed and operated quickly
- Passes up to 3" (76 mm) solids minimizing pump blockage from debris
- Pump is able to run dry for longer working life
- Carry handle with lifting eye makes it easy to transport, move, lift, and lower
- Locking coupler for discharge hose included
- Can draw water down to depth of 2-3/4" (70 mm)

#### SPECIFICATIONS

System	Open- and Closed-Center
Capacity	Up to 500 gpm (1893 lpm) [at 8 gpm (30 lpm) and a 15' (4.5 m) head height]
Intake Port	3.125" (79.4 mm)
Discharge Port	3" (76.2 mm) NPT Female
Trash Diameter	3" (76 mm)
Weight	28 lb (11.7 kg)
Height	14.18" (360 mm) over handle
Width	11.87" (301 mm) diameter
Flow Range	7 – 10 gpm (26.5 – 37.9 lpm)
Operating Pressure	0 – 2,000 psi (0 – 138 bar)
Pressure Port Thread	1/2" Male NPTF
Return Port Thread	1/2" Male NPTF



49499

CAT. NO.	UPC NO.	DESCRIPTION
H4635	783310493341	Hydraulic 3" Trash Pump
 49499	783310494997	3" Diameter x 25' Discharge Hose Assembly
 F020196K	783310417781	HTMA Female Coupler – 1/2" NPTF internal thread
 F020197K	783310417798	HTMA Male Coupler – 1/2" NPTF internal thread

## 15-Ton Crimping Tool

- Relief valve signals operator when crimp is complete
- Accepts P-style die to crimp splices and lugs up to 1500 kcmil copper and 1250 kcmil aluminum
- Accepts Greenlee KC12, KA12, and KD12 crimping dies as well as industry U-style dies with optional UA15T adapters
- Crimping head rotates 350°



LPK1550FT

### SPECIFICATIONS

<b>Capacity</b>	Color-coded copper lugs and splices: #8 to 1500 kcmil (MCM) color-coded lugs and splices: #8 to 1250 kcmil (MCM)
<b>System</b>	Open and closed-center hydraulic systems
<b>Crimping Force at 1,500 psi</b>	30,000 lb (133.4 kN)
<b>Operating Pressure</b>	1,500 – 2,000 psi (103-138 bar)
<b>Flow Rate</b>	3 – 9 gpm
<b>Pressure Port</b>	3/4 – 16 SAE O-Ring
<b>Return Port</b>	3/4 – 16 SAE O-Ring
<b>Weight</b>	25 lb (11.3 kg)
<b>Length</b>	23.5" (597 mm)
<b>Width</b>	6.5" (165 mm)

CAT. NO.	UPC NO.	DESCRIPTION
LPK1550FT	783310004905	15-Ton, Flip Top, Low Pressure Crimping Tool
<b>A</b> UA15T	783310002604	Die-Adapters – Greenlee "U" style dies, Burndy "U" style dies, Ilasco ILD style dies, Thomas & Betts 15500 style dies, Blackburn 15500 style dies
<b>A</b> HE.10310	783310234920	Handle

## 15-Ton Crimping Tool

- No high pressure intensifier required and crimps cable 500 MCM and larger
- Relief valve signals operator when crimp is complete
- Compatible with dies for: Kearney PH2\*, PH4/PH14; Burndy Y35\*, Y46\*; Penn-Union TPU-15PH\*; Thomas & Betts TBM 15 PF\* (\*Requires adapters)
- Can be converted with adapters for use with Burndy "U"-style dies and Kearney PH2 and some WH2 dies



LPK1550

### SPECIFICATIONS

<b>System</b>	Open- and Closed-Center Hydraulic Systems
<b>Weight</b>	28.6 lb (13 kg)
<b>Length</b>	23.8" (604.5 mm)
<b>Width</b>	6.5" (165 mm)
<b>Operating Pressure</b>	1,500 – 2,500 psi (103 – 172 bar)
<b>Crimping Force at 1,500 psi (103 bar)</b>	30,000 lb (133.4 kN)
<b>Flow Rate</b>	3 – 9 gpm (11 – 34 lpm)
<b>Pressure Port</b>	3/4 – 16 SAE O-Ring
<b>Return Port</b>	3/4 – 16 SAE O-Ring

CAT. NO.	UPC NO.	DESCRIPTION
LPK1550	783310493556	Crimping Tool – 15-Ton (13.6 t) crimping force, dies and couplers not included
 48820	783310488200	Die Adapter – Burndy Y46, Penn-Union TPU 15BH
 48788	783310487883	Die Adapter – Thomas & Betts TBM 15PF
 48802	783310488026	Die Adapter – 12-ton "U" Die
 48824	783310488248	Die Adapter – Kearney PH2
 54923	783310549239	HTMA Male Coupler
 54925	783310549253	HTMA Female Coupler

## 12-Ton Crimping Tool – Kearney

- No high pressure intensifier required
- Relief valve signals operator when crimp is complete
- Compatible with dies for Kearney PH-2 and PH-3 tools
- Head rotates for easy tool positioning
- Powered in both the advance and retract directions to prevent hang-ups



LPK1240K

### SPECIFICATIONS

System	Open- and Closed-Center Hydraulic Systems
Weight	19.5 lb (8.8 kg)
Length	20.3" (515.6 mm)
Width	5.5" (139.7 mm)
Operating Pressure	1,500 – 2,500 psi (103 – 172 bar)
Crimping Force at 1,500 psi (103 bar)	24,000 lb (106.8 kn)
Flow Rate	3 – 9 gpm (11 – 34 lpm)
Pressure Port	3/4 – 16 SAE O-Ring
Return Port	3/4 – 16 SAE O-Ring

CAT. NO.	UPC NO.	DESCRIPTION
LPK1240K	783310493501	Crimping Tool – 12-Ton (10.9 t) crimping force, dies and couplers not included
<b>A</b> 54923	783310549239	HTMA Male Coupler
<b>A</b> 54925	783310549253	HTMA Female Coupler
<b>A</b> 35887	783310358879	Crimping Tool Load Cell – 12-Ton

## 12-Ton Crimping Tool – 1.65" (42 mm) Jaw

- No high pressure intensifier required
- Crimps up to 750 MCM copper and aluminum
- Relief valve signals operator when crimp is complete
- Compatible with dies for: Burndy Y35; Alcoa 12A, 12AC, 12HA, 12HAC; Anderson HC-12, HC-12H; Thomas & Betts 12-ton
- Head rotates for easy tool positioning
- Powered in both the advance and retract directions to prevent hang-ups



LPK1240

### SPECIFICATIONS

Capacity (jaw opening)	1.65" (42 mm)
System	Open- and Closed-Center Hydraulic Systems
Weight	19.7 lb (8.9 kg)
Length	20.3" (515.6 mm)
Width	5.5" (139.7 mm)
Operating Pressure	1,500 – 2,500 psi (103 – 172 bar)
Crimping Force at 1,500 psi (103 bar)	24,000 lb (106.8 kN)
Flow Rate	3 – 9 gpm (11 – 34 lpm)
Pressure Port	3/4 – 16 SAE O-Ring
Return Port	3/4 – 16 SAE O-Ring

CAT. NO.	UPC NO.	DESCRIPTION
LPK1240	783310493457	Crimping Tool – 12-Ton (10.9 t) crimping force, dies and couplers not included
 54923	783310549239	HTMA Male Coupler
 54925	783310549253	HTMA Female Coupler
 35887	783310358879	Crimping Tool Load Cell – 12-Ton



F13

## Hydraulic Power Unit – 13 Hp

- Easy pull recoil start and dependable Honda® 4-stroke OHV GX390 gasoline engine with low oil alert and shutdown protection system
- Engine is CARB (California Air Resources Board and EPA) certified
- Powder-coated, welded steel tubular frame protects components and allows easy access to all service points
- Oversized oil cooler and electric fan ensures cool running
- Large 13 inch (330 mm) no-flat tires ensure easy job site handling and transport over a wide variety of surfaces and soils
- Quick-release telescoping handles
- Hydraulic oil-level site gauge
- HTMA flat-faced couplers and a 25-micron return line filter

### SPECIFICATIONS

Horsepower	13 at 3,600 rpm (9.7 kW at 3,600 rpm)
System	Open-Center
Rated Flow	5 – 8 gpm (19 – 30 lpm)
Rated Pressure	2,000 psi (138 bar)
Fuel Gasoline	1.7 gal (6.5 l)
Hydraulic Oil Capacity	1.8 gal (7.0 l)
Dry Weight	168 lb (76 kg)
Length	28" (710 mm)
Width	23.5" (597 mm)
Height (handle folded)	25.5" (648 mm)

CAT. NO.	UPC NO.	DESCRIPTION
F13	783310313786	Gas Powered Portable Hydraulic Power



HFC30

## Hydraulic Flow Control Valve

- Operates off other equipment's hydraulic accessory circuit – no need for a separate power unit
- Accepts up to 30 gpm (113 lpm) for running off most skid-steer, tractors and loaders
- Variable flow adjustment allows precise flow control for tool operation
- Integral pressure relief valve helps protect hydraulic equipment and tools
- All-aluminum body design is lightweight and provides better heat dissipation
- Low profile, compact unit is unobtrusive and easy to install
- All tool ports have O-Ring boss and accept industry standard hoses and couplers

### SPECIFICATIONS

<b>Hydraulic Ports</b>	Power Source Side – Pressure: 1-1/16" – 12 SAE O-Ring Power Source Side – Return: 1-1/16" – 12 SAE O-Ring Tool Side – Pressure: 3/4" – 16 SAE O-Ring Boss HTMA Flush Face Coupling Tool Side – Return: 3/4" – 16 SAE O-Ring Boss HTMA Flush Face Coupling
<b>Hydraulic Flow and Pressure</b>	Maximum Output Flow: 10 gpm (38 lpm); Maximum Output Pressure: 2,150 psi (148 bar)
<b>Temperature Range</b>	-30° to 140° F (-34° to 60° C)
<b>Length</b>	8.79" (223 mm)
<b>Width</b>	6.72" (171 mm)
<b>Height</b>	5.03" (128 mm)
<b>Mass/Weight</b>	8.3 lb (3.8 kg)
<b>Maximum Input Flow</b>	30 gpm (113 lpm)
<b>Maximum Input Pressure</b>	3,000 psi (207 bar)

CAT. NO.	UPC NO.	DESCRIPTION
HFC30	783310495505	Hydraulic Flow Control Valve with 54923 and 54925 couplers



49913

## Flow Control Valve

- Used to control the direction of oil flow to tools (forward/reverse)
- Includes two flat-face male and two flat-face female couplers

### SPECIFICATIONS

Hydraulic Flow Maximum	10 gpm (37 lpm)
Operating Pressure	2,500 psi (172 bar) max

CAT. NO.	UPC NO.	DESCRIPTION
49913	783310499138	Control Valve for Open-Center Hydraulic Systems

## Remote Valve

- Used to remotely turn on and off tools such as tampers, ground rod drivers and sign post drivers
- Can be used on open-center and closed-center systems



HRV48

### SPECIFICATIONS

Hydraulic Flow Maximum	8 gpm (30 lpm)
Operating Pressure	2,500 psi (172 bar) max
Pressure Ports	9/16–18 SAE O-ring
Return Ports	3/4–16 SAE O-ring

CAT. NO.	UPC NO.	DESCRIPTION
HRV48	783310072294	Remote Valve



135130

## Flow Test Kit

- Kit used in testing of hydraulic circuitry
- Measures backpressure/resistance, flow (gpm and lpm)
- Unit complete with fittings and dust caps
- Measures relief valve setting of hydraulic circuit

### SPECIFICATIONS

Type	Hydraulic Circuitry
Capacity	1-10 gpm (37.8 – 3,785 lpm); 0-3,000 psi (0 – 207 bar)

CAT. NO.	UPC NO.	DESCRIPTION
135130	783310408840	Flow Test Kit

## Rubber Low-Pressure Hose, Orange, Non-Conductive

- Certified nonconductive orange rubber
- Double rayon braid
- Working pressure 2,250 psi (155 bar) tested to 75 kV/ft for five minutes



135245

CAT. NO.	UPC NO.	DESCRIPTION
135245	783310408871	Two 3/8" x 8' (10 mm x 2.4 m) I.D. Hoses with 3/8" NPTF male ends
135247	783310408888	Two 3/8" x 10' (10 mm x 3 m) I.D. Hoses with 3/8" NPTF male ends
154399	783310411857	Two 3/8" x 8' (10 mm x 2.4 m) I.D. Hoses with 3/8" NPTF male end on one hose and 1/2" male NPTF male end on the other hose
154400	783310411864	Two 3/8" x 10' (30 mm x 3 m) I.D. Hoses with 3/8" NPTF male end on one hose and 1/2" NPTF male end on the other hose
25746	783310257462	Two 3/8" x 8' (10 mm x 2.4 m) I.D. Hoses with 3/8" NPTF male swivel ends
31369	783310313694	One 3/8" x 8' (10 mm x 2.4 m) I.D. Hose with 3/8" NPTF male end x 9/16-18 SAE O-ring swivel end and One 3/8" x 8' (10 mm x 2.4 m) I.D. Hose with 3/8" NPTF male end x 3/4-16 SAE O-ring swivel end

**NOTE:** Hose assemblies above do not come with quick-disconnect couplers; they must be ordered separately.



25746 – Swivel Hose



31369 – Swivel Hose



130694

## Rubber Low-Pressure Hose, Red, Non-Conductive

- Certified nonconductive red rubber
- Double rayon braid
- Working pressure 2,250 psi (155 bar) tested to 75 kV/ft for five minutes

CAT. NO.	UPC NO.	DESCRIPTION
130694	783310406358	Two 3/8" x 8' (10 mm x 2.4 m) I.D. Hoses with 3/8" NPTF male ends
130696	783310406372	Two 3/8" x 10' (10 mm x 3 m) I.D. Hoses with 3/8" NPTF male ends
104101K2	783310401643	Two 3/8" x 8' (10 mm x 2.4 m) I.D. Hoses with 3/8" (10 mm) NPTF male end on one hose and 1/2" NPTF male end on the other hose
104102K2	783310401650	Two 3/8" x 10' (10 mm x 3 m) I.D. Hoses with 3/8" (10 mm) NPTF male end on one hose and 1/2" NPTF male end on the other hose

**NOTE:** Hose assemblies above do not come with quick-disconnect couplers; they must be ordered separately.



108271

## Polyurethane Low-Pressure Hose, Orange, Non-Conductive

- Certified nonconductive orange polyurethane
- Double rayon braid
- Working pressure 2,250 psi (155 bar) tested to 75 kV/ft for five minutes

CAT. NO.	UPC NO.	DESCRIPTION
108271	783310402503	Two 3/8" x 8' (10 mm x 2.4 m) I.D. Hoses with 3/8" NPTF male fitting on one hose and 1/2" NPTF male fitting on the other hose
108272	783310430360	Two 3/8" x 10' (10 mm x 3 m) I.D. Hoses with 3/8" NPTF male fitting on one hose and 1/2" NPTF male fitting on the other hose

**NOTE:** Hose assemblies above do not come with quick-disconnect couplers; they must be ordered separately.



111185

## Low-Pressure Hose, Conductive

- Steel (conductive)  
**NOTE:** Steel braid hoses are not intended for use near energized lines or equipment
- Wire braid reinforced
- SAE 100R1 AT Hose
- Working pressure 2,000 psi (138 bar)

CAT. NO.	UPC NO.	DESCRIPTION
111185	783310402848	Two 1/2" x 25' (13 mm x 7.6 mm) wire braid hoses with 1/2" NPTF male fittings at both ends

**NOTE:** Hose assembly above does not come with quick-disconnect couplers; they must be ordered separately.



101243

## Whip Hose Set, Conductive

- For use in place of quick-disconnect body assemblies on tool
- Allows any type coupling to be used
- Working pressure 2,000 psi (138 bar)

CAT. NO.	UPC NO.	DESCRIPTION
101243	783310401117	Hose Fittings – Two hoses One 8" (203 mm) hose with 3/8" NPTF Male x 9/16 – 18 SAE O-ring and One 8" (203 mm) hose with 3/8" NPTF Male x 3/4 – 16 SAE O-ring

## HTMA Couplers

- 3,000 psi maximum operating pressure



F020195K



54922



F020196K



54923



F020198K



54924



F020197K



54925

CAT. NO.	UPC NO.	DESCRIPTION
F020195K	783310417774	HTMA Female Coupler – 3/8" NPTF internal thread
F020196K	783310417781	HTMA Female Coupler – 1/2" NPTF internal thread
F020198K	783310417804	HTMA Male Coupler – 3/8" NPTF internal thread
F020197K	783310417798	HTMA Male Coupler – 1/2" NPTF internal thread
54922	783310549222	HTMA Male Coupler – 9/16 – 18 SAE O-Ring external thread
54923	783310549239	HTMA Male Coupler – 3/4 – 16 SAE O-Ring external thread
54924	783310549246	HTMA Female Coupler – 9/16 – 18 SAE O-Ring external thread
54925	783310549253	HTMA Female Coupler – 3/4 – 16 SAE O-Ring external thread
F021406	783310418344	Dust Cap

## SAE O-Ring to NPTF adapters



F017348

CAT. NO.	UPC NO.	DESCRIPTION
F017347	783310429524	Adapter 9/16 – 18 SAE O-Ring x 3/8" NPTF
F017348	783310416388	Adapter 3/4 – 16 SAE O-Ring x 3/8" NPTF
F020754	783310417996	Adapter 3/4 – 16 SAE O-Ring x 1/2" NPTF

## NPTF adapters



F011604



F013455



F011243

CAT. NO.	UPC NO.	DESCRIPTION
F011604	783310413646	Nipple 3/8" x 3/8" male NPTF thread
F011243	783310413516	Nipple 3/8" x 3/8" male NPTF thread

## Female Adapters



093214

CAT. NO.	UPC NO.	DESCRIPTION
093214	783310400813	Adapter 3/8" NPTF female x 9/16 - 18 SAE O-Ring

## Swivel Adapters



F016775



F016776



F017904

CAT. NO.	UPC NO.	DESCRIPTION
F016775	783310416159	Adapter 3/8" NPSM x 9/16 - 18 SAE O-ring external thread
F017904	783310416616	Adapter 1/2" NPSM x 3/4 - 16 SAE O-ring external thread

## HIGH PRESSURE HYDRAULIC TOOLS



RK425 shown with crimping jaw CJD30 (sold separately)

### Gator® Remote-Powered Crimping Tool

#### SPECIFICATIONS

Crimping Force	6 Tons (54 kN)
Length (with jaws)	15" (381 mm)
Width (head open)	4" (108 mm)
Weight (with jaws)	4 lb (1.8 kg)
Crimp Cycle Time connector capacity	~4 seconds

#### CONNECTOR CAPACITY

5/8" Service Entrance Connectors	10-1/0 AWG
.840 Service Entrance Connectors	1/0-4/0 AWG
Aluminum "H" Taps	6-4/0 AWG
Copper "H" Taps	10-2 AWG
Copper Tension Splices	6-2/0 AWG
All Aluminum Tension Splices	6-4/0 AWG
One Piece ACSR Tension Splices	4-1/0 AWG
Two Piece ACSR Tension Splices	2 AWG – 477 kcmil
Aluminum Jumper Splices	4 AWG – 266.8 kcmil
Stirrups	2-4/0 AWG
Aluminum color-coded lugs and splices	8-4/0 AWG

CRIMPING JAW COMPATIBILITY	BRAND	TYPE/SERIES
CJD3BG	Greenlee®	KD6 Series
CJD30	FCI Burndy®	W, X Series
CJD3	Ilisco®	ND Series
CJK*	Huskie® Panduit®	HT-58 Series CD-2001 Series
CJK	Kearney™	Dies for Type "O" tools
CJXPJ	Nicopress connectors	Connectors that require the X, P or J tool grooves

\*Requires F020735 Adapters



#### CRIMPING JAW COMPATIBILITY

CJB	<ul style="list-style-type: none"> <li>• One time disposable lock hasps 4 AWG Alumoweld</li> <li>• ACSR 1/0</li> </ul>
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#### "W" – STYLE DIES

Catalog No.	Burndy No.	Catalog No.	Burndy No.
KD6-10	W-BG	KD6-18	W-166
KD6-11	W-O	KD6-19	W-243
KD6-12	W-C	KD6-20	W-247
KD6-13	W-K840	KD6-21	W-249
KD6-14	W-161	KD6-22	W-164
KD6-15	W-162	KD6-24	W-237
KD6-16	W-163	KD6-25	W-239
KD6-17	W-165	KD6-27	W-28K

W style dies are commonly used for service entrance connectors, c-taps, h-taps, overhead and underground connectors (Use with Greenlee Crimping jaws for 6-Ton Crimpers using the CJD3, CJD3BG & CJD30 jaws.) Use F020735 adapter when using CJK crimping jaw.

CAT. NO.	UPC NO.	DESCRIPTION
RK425	783310015574	6-Ton Remote Crimping Tool
CJD3	783310032427	Crimping Jaw with single D die groove
CJD3BG	783310845157	Crimping Jaw Unit – D and BG die grooves
CJD30	783310845140	Crimping Jaw Unit – D and O die grooves
CJK	783310048299	Crimping Jaw Unit for Kearney "O" dies
CJB	783310845133	Cutting Jaw for one-time disposable lock hasps
CJXPJ	783310845126	Crimping Jaw with Nicopress X, P, & J die grooves



RK06FT



## Quad-Point Dieless Remote-Powered Crimping Heads

- Utilizes four indentors to make the crimp
- Operates from 10,000 psi (700 bar) hydraulic pumping sources
- Small and lightweight for difficult-to-reach locations
- Equipped with 3/8" male screw-type couplers
- Flip-top style uses a pull pin to open head for easy removal from the connector
- Includes carrying case, test gauge and test slugs

### SPECIFICATIONS

Capacity*	See crimping tool capacity chart on page 313
Crimping Force	6.2 tons (55 kN)
Length	RK06AT – 10" (254 mm) RK06FT – 10-1/2" (267 mm)
Weight	6.2 lb (2.8 kg)

\*AT tools are UL and cUL classified with #4 – 500 kcmil (MCM) copper color-coded connectors of the following brands: Anderson®, Blackburn®, FCI Burndy®, ILSCO®, Panduit®, Penn-Union®, & Thomas & Betts®.

\*FT tools are UL and cUL classified with #4AWG – 750 kcmil (MCM) copper color-coded connectors and #6AWG – 750 kcmil (MCM) aluminum color-coded connectors of the following brands: Anderson®, Blackburn®, FCI Burndy®, IlSCO®, Panduit®, Penn-Union®, and Thomas & Betts®.



RK06AT



CAT. NO.	UPC NO.	DESCRIPTION
RK06AT	783310060666	Remote Powered Quad-Point Crimping Tool, Open Head Dieless
RK06FT	783310061977	Remote Powered Quad-Point Crimping Tool, Flip-Top Head Dieless



RK1240



RK1240C



## 12-Ton Remote-Powered Crimping Heads

- Use Greenlee KC12, KA12 and KD12 crimping dies as well as industry "U" type dies
- New head designs result in lower weight and improved durability – tested to 50,000 crimp cycles
- Boss included on each crimping head for use with hot sticks
- Easy to get into tight locations, light weight makes them excellent choices for hot stick use
- Single-acting tools require an external hydraulic pump capable of 10,000 psi (700 bar)
- Equipped with a 3/8" male screw-type coupler
- Capable of crimping a wide range of lugs, C-taps, H-taps and overhead tension sleeves
- Covered head models have two layers of PVC that total approximately 3/16" (4.8 mm) thick – the outer layer is black and the inner layer is red
- Includes carrying case
- Intelli-CRIMP® features available when used with Greenlee EHP700L

### SPECIFICATIONS

Capacity*	8 AWG to 750 kcmil copper color-coded lugs and splices. See Crimping Tool Capacities on page 313 for additional capabilities
Crimping Force	24,000 lb (106 kN)
Length	11-7/8" (302 mm)
Weight	RK1240 – 9.7 lb (4.4 kg)
Max. Operating Pressure	10,000 psi (700 bar)

\*RK1240 are UL and cUL classified with Anderson®, Blackburn®, FCI Burndy®, ILSCO®, Panduit®, Penn-Union® and Thomas & Betts® copper and aluminum color coded lugs and splices when used with Greenlee KC12 and KA12 crimping dies.

CAT. NO.	UPC NO.	DESCRIPTION
RK1240	783310053514	12-Ton Remote-Powered Crimping Head, 1.65" (42 mm) opening
RK1240C	783310072058	12-Ton Remote-Powered Crimping Head, 1.65" (42 mm) opening, PVC covered



RK12ID



RK12CX

## 12-Ton Remote Crimping Tools

- Dieless indent style crimping head does not require interchangeable crimping dies
- Greenlee battery-powered crimping tools now use bio-degradable oil
- Flip open crimping head will allow crimping of 4 AWG – 1000 kcmil copper or 6 AWG – 1000 kcmil aluminum with no dies to change
- Equipped with 3/8 in male screw-type coupler for quick attachment
- Single acting tools require an external hydraulic pump
- Capable of 10,000 PSI (700 bar)
- Includes carrying case

### SPECIFICATIONS

	RK12CX	RK12ID
Capacity*	–	4AWG – 1000 kcmil copper or 6AWG kcmil aluminum and no dies to change
Crimping Force	24,000 lb (106 kN)	24,000 lb (106 kN)
Length	12.75 in (324 mm)	13 in (330 mm)
Width	4.25 in (108 mm)	3.75 in (95 mm)
Depth	2 in (51 mm)	2 in (51 mm)
Weight	9.75 lb (4.42 kg)	9.75 lb (4.42 mm)
Max. Operating Pressure	10,000 PSI (700 bar)	10,000 PSI (700 bar)

\*Copper Color Coded Lugs and Splices: 4 AWG to 1000 kcmil, Aluminum Color Coded Lugs and Splices: 6 AWG to 1000 kcmil

### OPTIONAL ACCESSORIES



UA12T



UC40



UA12ID



UCUNC38



UA12P

CAT. NO.	UPC NO.	DESCRIPTION
RK12ID	783310015659	12-Ton Remote Multi-Tool
RK12CX	783310015666	Dieless 12-Ton Remote Crimping Tool
 UA12T	783310201588	Adapter for "U" dies
 UC40	783310070368	Cutter Blades AL & CU 1-1/2" capacity
 UCUNC38	783310070399	Cutter Blades for 3/8" threaded rod
 UA12P	783310118909	Punch Driver Adapter (accepts 3/4" draw stud)
 UA12ID	783310008033	Dieless Crimp Adapter



## 15-Ton Remote Powered Crimping Tool

- Accepts Kearney PH4/PH14 dies without adapters
- Zinc-plated head resists corrosion better than other finishes
- Hot stick attachment point is standard
- Operates with most 10,000 psi (700 bar) hydraulic sources
- Equipped with 3/8" male screw-type 10,000 psi (700 bar) coupler
- Includes carrying case
- Intelli-CRIMP® features available when used with Greenlee EHP700L

### SPECIFICATIONS

Capacity*	Color-Coded copper lugs and splices: #8 to 1500 kcmil (MCM) Color-Coded aluminum lugs and splices: #8 to 1000 kcmil (MCM) For other connector types, see Crimping Tool Capacities on page 313
Crimping Force at 10,000 psi (700 bar)	30,000 lb (133 kN)
Length	15" (380 mm)
Width	3" (76 mm)
Height	5-3/8" (135 mm)
Weight	14.1 lb (6.4 kg)
Operating Pressure	10,000 psi (700 bar)

\*UL and cUL classified with Anderson®, Blackburn®, FCI Burndy®, ILSCO®, Panduit®, Penn-Union® and Thomas & Betts® copper and aluminum color-coded lugs and splices up to 750kcmil using 48802 die adapters when used with Greenlee KC12 and KA12 crimping dies.

CAT. NO.	UPC NO.	DESCRIPTION
RK1550	783310053538	15-Ton Single-Acting Remote-Powered Crimping Tool
<b>A</b> 48820	783310488200	Die Adapters – Burndy P dies (Y46), IlSCO ILD-P dies
<b>A</b> 48788	783310487883	Die Adapters – Thomas & Betts 15600 dies, Blackburn 15600 dies
<b>A</b> 48802	783310488026	Die Adapters – Greenlee U dies, Burndy U dies, IlSCO ILD dies, Thomas & Betts 15500 dies, Blackburn 15500 dies
<b>A</b> 48824	783310488248	Die Adapters – Kearney PH2/WH2 dies
CJD3	783310032427	Crimping Jaw with single D die groove
CJD3BG	783310845157	Crimping Jaw Unit – D and BG die grooves
CJD3O	783310845140	Crimping Jaw Unit – D and O die grooves
CJK	783310048299	Crimping Jaw Unit for Kearney "O" dies
CJB	783310845133	Cutting Jaw for one-time disposable lock hasps
CJXPJ	783310845126	Crimping Jaw with Nicopress X, P, & J die grooves
CJ-CUAL	783310082231	Dual Cutter Jaw Assembly
CJ-ASCR1	783310082248	ASCR Cutter Jaw Assembly



## 15-Ton Remote Powered Crimping Head

- Accepts P-style die to crimp splices and lugs up to 1500 kcmil copper and 1250 kcmil aluminum
- Accepts Greenlee KC12, KA12, and KD12 crimping dies as well as industry U-style dies with optional UA15T adapters
- Light weight flip-top head with patented quick release locking pin
- 2" jaw opening
- Operates with 10,000 psi hydraulic sources
- Equipped with 3/8" male screw-type 10,000 psi coupler
- Crimping head rotates 350°

### SPECIFICATIONS

<b>Capacity</b>	Color-coded copper lugs and splices: #8 to 1500 kcmil (MCM) color-coded lugs and splices: #8 to 1250 kcmil (MCM)
<b>Crimping Force at 10,000 psi (700 bar)</b>	30,000 lb (135 kN)
<b>Length</b>	13.75" (349 mm)
<b>Width</b>	3" (76 mm)
<b>Height</b>	5" (127 mm)
<b>Weight</b>	11.4 lb (5.2 kg)
<b>Operating Pressure</b>	10,000 psi (700 bar)

CAT. NO.	UPC NO.	DESCRIPTION
RK1550FT	783310005520	15-Ton, Flip Top, Remote Head Crimping Tool
 UA15T	783310002604	Die-Adapters – Greenlee "U" style dies, Burndy "U" style dies, IlSCO ILD style dies, Thomas & Betts 15500 style dies, Blackburn 15500 style dies
 HE.10310	783310234920	Handle

## High Pressure 60-Ton Crimping Tool

- Ideal tool for use in substation and transmission construction
- Accepts Burndy "L" dies and Alcoa "6000 Series" crimping dies
- After completing a connection, the top of the head easily swivels 90° and can be lifted from the tool to remove the connector
- Removing the tool from the stand exposes a lifting eye for when the tool must be used above ground level
- RK6040 requires 10,000 psi (700 bar) single-acting hydraulic power source
- DK6040 requires 10,000 psi (700 bar) double-acting hydraulic power source
- Equipped with 3/8" screw type hydraulic couplers
- Includes steel carrying case with storage space for dies



DK6040

### SPECIFICATIONS

	RK6040	DK6040
Crimping force at 10,000 psi (700 bar)	120,000 lb (530 kN)	120,000 lb (530 kN)
Height	17" (432 mm)	17" (432 mm)
Width	6" (153 mm)	6" (153 mm)
Weight	45 lb (20 kg)	52 lb (23.5 kg)
Operating Pressure	10,000 psi (700 bar)	10,000 psi (700 bar)
Oil Volume Required	.75 Pint (312 cc)	.75 Pint (312 cc)

### CAPACITIES

Copper Stranded Code Cable	300 kcmil – 2000 kcmil	–
Aluminum Stranded Code Cable	250 kcmil – 2000 kcmil	–
Copper Tension Sleeves	1/0 AWG – 1000 kcmil	–
Aluminum Tension Sleeves	1/0 AWG – 2300 kcmil	–
ACSR Tension Sleeves	1/0 AWG – 2156 (Bluebird) kcmil	–
Copper Aerial Connectors	4/0 AWG – 2500 kcmil	–
Aluminum Aerial Connectors	3/0 AWG – 2500 kcmil	–



RK6040

CAT. NO.	UPC NO.	DESCRIPTION
RK6040	783310106043	60-Ton Crimping Tool – Single Acting
DK6040	783310126614	60-Ton Crimping Tool – Double Acting



NC-6-38MF

### Certified Non-Conductive High Pressure Hoses

- Comes pre-charged in 6', 10', and 33' lengths
- Standard 3/8" NPT screwtype male and female fittings installed
- High pressure – up to 10,000 PSI
- Certified non-conductive
- Double rubber cap comes standard to protect fittings while not in use

CAT. NO.	UPC NO.	DESCRIPTION
NC-6-38MF	783310024071	Non-Conductive Hyd Hose, 3/8 Male/Female threaded Coupler (6 ft)
NC-10-38MF	783310024101	Non-Conductive Hyd Hose, 3/8 Male/Female threaded Coupler (10 ft)
NC-30-38MF	783310024118	Non-Conductive Hyd Hose, 3/8 Male/Female threaded Coupler (10 m)



138573

### Certified Non-Conductive High Pressure Hoses

- Certified Non-conductive High Pressure Dual Hose Set – Rated 10,000 psi (700 bar)
- Rated 10,000 psi (700 bar) For use between Dynapress intensifier or electric pump and control valve. Each pair includes 3/16" (4.8 mm) I.D. pressure hoses with one 1/4" NPT male fitting on one end and high-pressure quick-disconnect on the other end.
- Certified Non-conductive High Pressure Hose – Rated 10,000 psi (700 bar)
- For use between control valve and tool. 3/16" (4.8 mm) I.D. hose with 1/4 NPT male fittings on both ends

CAT. NO.	UPC NO.	DESCRIPTION
138573	783310411079	6 ft (1.8 m)
138574	783310411086	10 ft (3 m)
F020721	783310417958	6 ft (1.8 m)
F020723	783310417965	10 ft (3 m)



PVA0021



PVA0022

## High Pressure Hydraulic Control Valves for Cutters and Crimping Tools

- May be directly connected to the tool or used remotely with hoses
- Compact 4-way, 3-position valve
- 3,000 – 4,000 psi (207 – 275 bar) return line ground dump safety valve
- Controlled advance and built-in hold feature
- Single-acting valve available to use with existing single-acting tools

### SPECIFICATIONS

<b>System</b>	See control valve description
<b>Maximum Operating Pressure</b>	10,000 psi (700 bar) return relief
<b>Return Pressure for PVA0022</b>	5,000 psi (350 bar)
<b>Input Flow Range</b>	3 – 8 gpm (12 – 30 lpm)
<b>Weight</b>	PVA0021: 3 lb (1.4 kg) PVA0022: 2.8 lb (1.3 kg)
<b>Length</b>	PVA0021: 9.5" (240 mm) PVA0022: 7.5" (190 mm)
<b>Width</b>	2" (44 mm)
<b>Height</b>	3.5" (89 mm)
<b>Port Size Inlet</b>	1/4 – 18 NPTF; Tool: 1/4 – 18 NPSM
<b>Couplers</b>	High Pressure Quick-Disconnects included, 10,000 psi (700 bar)

CAT. NO.	UPC NO.	DESCRIPTION
PVA0021	783310429487	Control Valve, 4-Way, 3-Position Valve for Single-Acting Tool, High Pressure Quick Disconnects included
PVA0022	783310429494	Control Valve, 4-Way, 3-Position Valve for Double-Acting Tool, High Pressure Quick Disconnects included



130868



130878



54169



F024631



F022061



F021627

## 10,000 psi (700 bar) High Pressure Couplers

CAT. NO.	UPC NO.	DESCRIPTION
130868	783310406471	Male Coupler, nose half 1/4 – 18 NPSM
130878	783310406525	Female Coupler 1/4 – 18 NPSM
54169	783310541691	Male Coupler, nose half 1/4 – 18 NPTF (Used on HB10)
F024631	783310420965	Female Coupler 1/4 – 18 NPTM (Used on HB10)
F022061	783310419419	Male Coupler, nose half 3/8 – 18 NPTF
F021627	783310418771	Female Coupler 3/8 – 18 NPTM

# C3 AUTOWHIP™

## AUTOMATED INTELLIGENCE – MEASURING, NOTCHING AND CUTTING

### Polycarbonate Shield

View the cutting operation—also allows access for blade replacement

### Touch-screen Interface

Quickly change between whip configurations

### Capacity

Type AC (BX), MC Cable & FMC  
1/2"–1" OD Aluminium & Steel

### Precision Servo Controls

For accuracy and repeatability



### USB Port

Upload custom whip configurations and cable information

### Lockout/Tagout

Improve safety by ensuring machine is de-energized during blade changes

### Setup and Walk Away

Automated notching and cutting stations with automatic cable feed

### Removable Chip Tray

Easily discard cutting debris



### SPECIFICATIONS

<b>Compatibility</b>	Type AC (BX), MC, & FMC
<b>Cable Sizes</b>	1/2" – 1" OD
<b>Dimensions</b>	27.3" W x 22.6" D x 19.1" H
<b>Weight</b>	170 lb (77 kg)

CAT. NO.	UPC NO.	DESCRIPTION
C3AW	783310073130	C3 Auto Whip™ Clad Cable Cutter

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# NOTES



# TEST & MEASUREMENT –

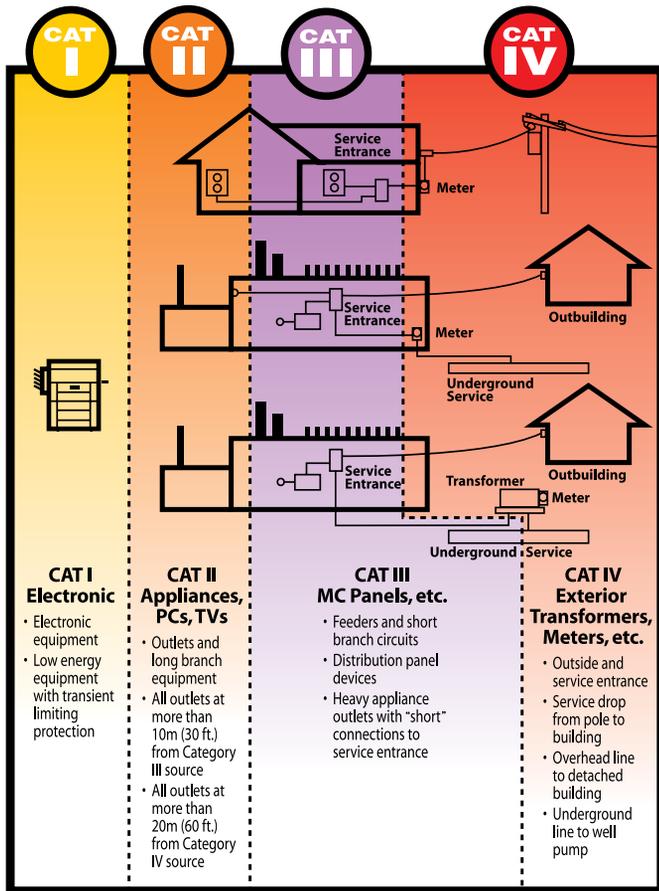
## LOW VOLTAGE

Accurate. Reliable. Expect nothing but the best from Greenlee Test and Measurement equipment. Backed by a lifetime limited warranty, Greenlee Test and Measurement Tools are designed to last and will help you get the job done confidently.

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# UNDERSTANDING CATEGORY RATINGS



## Get the Right Protection for the Job.

Greenlee's independent testing of select test and measurement products to meet the International Electrotechnical Commission "IEC" standards for electrical test and measurement equipment should assure you these devices can help protect from the risks of shock caused by transient high-voltage spikes in electrical distribution systems. The IEC has established a standard for test and measurement equipment overvoltage protection capacities. These established overvoltage protections can be further divided into categories. Wherever you need overvoltage protection, you should choose at least the minimum category rating appropriate to the type of work you expect to be doing.

**Measurement Category I (CAT I)** – is for measurements performed on low voltage circuits not directly connected to mains.

**Measurement Category II (CAT II)** – is for measurements performed on fixed or non-fixed local level power devices like household lighting, appliances, or office equipment. Category II equipment may also be used in Category I applications.

**Measurement Category III (CAT III)** – is for measurements performed at the distribution level on equipment like primary feeders or branch circuits. These circuits are usually separated from Category IV (whether utility service or other high-voltage source) by a minimum of one level of transformer isolation. Category III may also be used in Category II and Category I applications.

**Measurement Category IV (CAT IV)** – is for measurements performed at the primary or utility supply level; Category IV may also be used in Category III, Category II and Category I applications.

## ELECTRICAL TESTERS

### COMPARISON GUIDE

FEATURE	GT-65	GT-95	GT-16	TR-12A	GT-12A	GT-10GFI	GT-10
DCV (V max)	1000	1000	–	–	–	–	–
ACV (V max)	1000	1000	1000	1000	1000	120	120
Continuity and beeper	X	X	–	–	–	–	–
Non-contact voltage detection	X	X	X	X	X	–	–
Data hold	X	X	–	–	–	–	–
GFCI test	–	X	–	–	–	X	–
Adjustable sensitivity	–	–	X	–	–	–	–
Display type	LED	Digital/LED	LED	–	–	LED	LED
Measurement Category	IV, 600V III, 1000V	IV, 600V III, 1000V	IV, 1000V	IV, 1000V	IV, 1000V	–	–
UL/cUL	X	X	X	X	X	X	X
CE	X	X	X	X	X	X	X



GT-65



GT-95



### Voltage Testers

#### GT-65 FEATURES

- AC/DC voltage and polarity measurement
- Overvoltage warning gives user visual notification that voltage levels have exceeded 1000V AC/ 380V DC
- Auto-hold automatically activates when tester is removed from voltage reading
- Continuity test and single-probe detection of live conductors for added flexibility
- Non-contact voltage detection
- Visual and audible continuity
- Accessories included: (2) 1.5V AAA batteries, test leads and carrying case

#### GT-95 FEATURES

- LCD and dual color LEDs for convenience
- Selectable SHAKER feature when measuring AC voltage
- GFCI test capability eliminates the need for additional testers

#### SPECIFICATIONS

Voltage Range	19 to 1000V AC, 5 to 380V DC
Continuity Verification	0 to 50 kΩ
Frequency	DC, 45-65Hz
GFCI Test Current (GT95 Only)	7.5 mA nominal at 120V AC
Measurement Category	CAT IV, 600V; CAT III, 1000V

CAT. NO.	UPC NO.	DESCRIPTION
GT-65	783310090250	Voltage Tester
<b>R</b> GT-95	783310090274	Voltage Tester, LCD & GFCI
<b>R</b> TSG-3	783310120346	Sure-Grip Test Leads



GT-16



## Adjustable Non-Contact Voltage Detector

- Adjustable sensitivity
- Detects AC voltage without touching the bare conductor
- Audible and visual alert when voltage is present
- Adjustable for use on power wiring plus lighting, thermostats and other low voltage circuits
- Used to detect voltage in outlets, lighting fixtures, wires and cables
- Finds breaks in wires
- Identifies hot and neutral conductors
- Low battery indicator

### SPECIFICATIONS

Voltage Range	5 – 1000V AC
Frequency	50 – 500Hz
Measurement Category	CAT IV, 1000V

CAT. NO.	UPC NO.	DESCRIPTION
GT-16	783310127277	Adjustable Non-Contact Voltage Detector



TR-12A



## Self Testing Non-Contact Voltage Detector

- Detects voltage in tamper-resistant and conventional 15A and 20A, 120V outlets
- Patented automatic self-test verifies the integrity of the unit
- Audible and visual alert when voltage is present
- Silent-mode feature for use in quiet settings
- Non-contact voltage detection
- Use to detect voltage in outlets, lighting fixtures, circuit breakers, wires, and cables or to find a break in a wire
- Automatically turns off after 5 minutes of non-use to conserve battery life
- Low battery indicator

### SPECIFICATIONS

Voltage Range	50 – 1000V AC
Frequency	50 – 500Hz
Measurement Category	CAT IV, 1000V

CAT. NO.	UPC NO.	DESCRIPTION
TR-12A	783310027232	Self-Testing Non-Contact Voltage Detector



GT-12A

## Non-Contact Voltage Detector

- Single button operation
- Patented automatic self-test verifies the integrity of the unit
- Audible and visual alert when voltage is present
- Automatically shuts off after 5 minutes of inactivity to extend battery life
- Silent-mode for use in quiet areas
- Non-contact voltage detection
- Low battery indicator

### SPECIFICATIONS

Voltage Range	50 – 1000V AC
Frequency	50 – 500Hz
Measurement Category	CAT IV, 1000V



CAT. NO.	UPC NO.	DESCRIPTION
GT-12A	783310008903	Non-Contact Voltage Detector



GT-10

GT-10GFI

## Polarity Cubes

- Use to troubleshoot 120V AC grounded outlets and test GFCI receptacles (GT-10GFI only)
- Light sequence indicates correct/incorrect wiring

CAT. NO.	UPC NO.	DESCRIPTION
GT-10	783310121244	Cube, Polarity
GT-10GFI	783310121251	Tester, Circuit GFI



# DIGITAL MULTIMETERS

## Comparison Guide

FEATURE	DM-860A	DM-830A	DM-820A	DM-810A	DM-510A	DM-210A	DM-200A
Display counts	50,000/500,000	10,000	10,000	10,000	6,000	6,000	6,000
True RMS	AC+DC	AC+DC	X	X	X	–	–
ACV (V max)	1000	1000	1000	1000	1000	1000	1000
Maximum resolution (µV)	100	10	10	10	10	10	10
Best accuracy (%)	0.3	0.5	0.5	0.5	1.0	1.0	1.0
DCV (V max)	1000	1000	1000	1000	1000	1000	1000
Maximum resolution (µV)	1	10	10	10	10	10	10
Best accuracy (%)	0.02	0.06	0.06	0.06	0.2	0.2	0.2
ACA (A max)	10	10	10	10	8	8	8
Maximum resolution (µA)	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Best accuracy (%)	0.5	0.6	0.6	0.6	1.0	1.0	1.0
DCA (A max)	10	10	10	10	8	8	8
Maximum resolution (µA)	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Best accuracy (%)	0.1	0.2	0.2	0.2	0.5	0.5	0.5
Resistance (MΩ)	50	60	60	60	60	60	60
Maximum resolution (mΩ)	100	100	100	100	100	100	100
Best accuracy (%)	0.07	0.1	0.1	0.1	0.5	0.5	0.5
Conductance	X	X	X	–	–	–	–
Continuity and beeper	X	X	X	X	X	X	X
Diode Test	X	X	X	X	X	X	X
Capacitance	X	X	X	X	X	X	
Frequency	X	X	X	X	X	X	X
Frequency Response (Hz)	20-5000	50-20,000	50-20,000	50-20,000	50-400	50-400	50-400
Temperature Measurement	Dual	Dual	Single		Single	Single	
Display Type	Dual Digital	Dual Digital	Dual Digital	Dual Digital	Digital	Digital	Digital
Backlight	X	X	X	X	X	X	X
Display update X/sec	5	5	5	5	5	5	5
Analog bar graph segments	41	41	41	41	24	24	24
Analog update X/sec	60	60	60	60	40	40	40
Computer Interface	USB	USB	USB	USB	USB, RS-232	USB, RS-232	USB, RS-232
Auto and manual ranging	X	X	X	X	X	X	X
Auto Power Off	X	X	X	X	X	X	X
Non-Contact Voltage Detection	–	X	X	–	X	X	X
Low Impedance AutoCheck™ mode	–	X	–	–	X	–	–
Beep-Jack™ Input error warning	X	X	X	X	X	X	X
Peak (crest) Hold - Max, Min	X	X	X	–	X	–	–
Data Hold	X	X	X	X	X	X	X
Max/Min/Avg	X	X	X	–	max, min	–	–
Relative offset mode (Δ)	X	X	X	X	X	X	X
Process loop measurement	X	–	–	–	–	–	–
Software interface compatibility (9U)	X	X	X	X	–	–	–
Software interface compatibility (2U)	–	–	–	–	X	X	X
Duty cycle	X	X	X	X	–	–	–
VFD (Variable Frequency Drive) ACV & Hz	X	–	–	–	–	–	–
Measurement Category Rating	IV, 1000V	IV, 1000V	IV, 1000V	IV, 1000V	IV, 300V III, 600V II, 1000V	IV, 300V III, 600V II, 1000V	IV, 300V III, 600V II, 1000V
UL or ETL	X	X	X	X	X	X	X
cUL, cETL or CSA	X	X	X	X	X	X	X
CE	X	X	X	X	X	X	X

# DIGITAL MULTIMETERS

## Comparison Guide (Cont'd)

FEATURE	DM-65	DM-45	DM-25	PDMM-20
Display counts	6,000	4,000	2,000	6,000
True RMS	–	–	–	–
ACV (V max)	1000	600	600	450
Maximum resolution (µV)	1000	1000	1,000,000	1000
Best accuracy (%)	0.8	0.8	1.2	1.5
DCV (V max)	1000	600	600	450
Maximum resolution (µV)	100	100	10,000	1000
Best accuracy (%)	0.8	0.8	0.8	0.5
ACA (A max)	10	10	–	–
Maximum resolution (µA)	1.0	1.0	–	–
Best accuracy (%)	1.8	1.8	–	–
DCA (A max)	10	10	–	–
Maximum resolution (µA)	0.1	0.1	–	–
Best accuracy (%)	1.0	1.0	–	–
Resistance (MΩ)	60	40	2	6
Maximum resolution (mΩ)	100	100	100	1000
Best accuracy (%)	1.0	1.0	1.0	1.0
Conductance	–	–	–	–
Continuity and beeper	X	X	X	X
Diode Test	X	X	X	–
Capacitance	X	X	–	X
Frequency	X	X	–	X
Frequency Response (Hz)	40-400	40-400	40-400	50-60
Temperature Measurement	Single	Single	–	–
Display Type	Digital	Digital	Digital	Digital
Backlight	X	X	–	–
Display update X/sec	3	3	2.5	5
Analog bar graph segments	61	–	–	–
Analog update X/sec	3	–	–	–
Computer interface	–	–	–	–
Auto and manual ranging	X	X	–	Auto
Auto Power Off	X	X	–	X
Non-Contact Voltage Detection	–	–	–	X
Low Impedance AutoCheck™ mode	–	–	–	X
Beep-Jack™ Input error warning	–	–	–	–
Peak (crest) Hold - Max, Min	–	–	–	–
Data Hold	X	X	–	–
Max/Min/Avg	–	–	–	–
Relative offset mode (Δ)	X	X	–	–
Process loop measurement	–	–	–	–
Software interface compatibility (9U)	–	–	–	–
Software interface compatibility (2U)	–	–	–	–
Duty cycle	X	X	–	–
VFD (Variable Frequency Drive) ACV & Hz	–	–	–	–
Measurement Category Rating	IV, 600V III, 1000V	III, 600V	III, 600V	III, 300V II, 450V
UL or ETL	X	X	X	X
cUL, cETL or CSA	X	X	X	X
CE	X	X	X	X



DM-860A



## ESM™ 500,000-Count Digital Multimeter

- AC+DC True RMS, 50,000-count backlit display for greater accuracy, 500,000 count available in DC voltage mode
- VFD (variable frequency drive) voltage and frequency functions for accurate readings on noisy drive waveforms
- Dual temperature measurement up to 1832°F/1000°C using type K thermocouples
- 41-segment analog bar graph makes it easy to view quick changes
- Beep-Jack™ audible and visual input alert helps avoid blown fuses or damage to meter
- Record max, min, avg., and max-min and data hold
- Crest capture (peak hold) max and min readings
- Relative offset display mode makes monitoring relative measurement changes simple
- Performs resistance, conductance, frequency, duty cycle, temperature and capacitance measurements, plus diode and continuity tests
- Intelligent Auto Power Off conserves battery life but will not turn meter off during measurements
- Wide AC bandwidth – to 100 kHz for voltage and 20 kHz for current
- USB Interface using optional DMSC-9U cable and software allows connection to a PC for extended measurement capability
- Accessories included: (1) 9V battery, bead temperature probe (400°F/ 204°C max.), test leads, protective boot and carrying case

### SPECIFICATIONS

<b>Voltage Measurement</b>	500.00mV; 5.0000, 50.000, 500.00, 1000.0V
<b>DC Voltage Measurement</b>	500,000 counts mode: 500.00mV; 5.0000, 50.000, 500.00, 1000.0V
<b>Amperage Measurement</b>	500.00, 5000.0µA; 50.000, 500.00mA; 5.0000, 10.000A
<b>Resistance</b>	500.00Ω; 5.0000, 50.000, 500.00kΩ; 5.0000, 50.000MΩ
<b>Conductance</b>	99.99nS
<b>Capacitance</b>	50.00; 500.0nF; 5.000, 50.00, 500.0µF, 5.000, 25.00mF
<b>Frequency</b>	5.000Hz – 200.0kHz sine wave; 5.000Hz – 2.0000MHz logic level square wave
<b>Temperature</b>	K type, -58°F to 1832.0°F (-50°C to 1000.0°C)
<b>Measurement Category</b>	CAT IV, 1000V

CAT. NO.	UPC NO.	DESCRIPTION
DM-860A	783310129387	500,000-Count Digital Multimeter, 1000V, 10A
DM-860A-C*	783310020691	500,000-Count Digital Multimeter, 1000V, 10A, Calibrated
 TC-20	783310075356	Carrying Case
 TSG-3	783310120346	Sure-Grip Test Leads
 TPB	783310075929	Bead Temperature Probe
 DMSC-9U	783310357735	For Interface kit, DM-800A Series Digital Multimeters

\*Includes Certificate of Calibration

# TEST & MEASUREMENT – LOW VOLTAGE



DM-810A



DM-820A

FEATURING:



DM-830A



## ESM™ Series 10,000-Count Digital Multimeters

### DM-810A FEATURES:

- Backlit LCD with dual 10,000 count displays
- BeepJack™ warns when test leads are incorrectly inserted in current measurement terminals
- True RMS for no-compromise accuracy
- Measures voltage, current, resistance, capacitance and frequency
- Tests continuity and diodes
- Automatic and manual range selection
- Relative offset mode to see changes in measurements
- Data hold
- Use optional USB interface DMSC-9U for direct-to-PC logging

### DM-820A HAS ALL DM-810A FEATURES PLUS:

- Crest capture (peak hold) plus recording of max, min, max-min and average
- Two voltage detection modes – non-contact or using a single test lead
- One temperature measurement using a type K thermocouple
- Conductance measurement

### DM-830A HAS ALL DM-820A FEATURES PLUS:

- AC+DC True RMS gives accurate readings on complex waveforms
- Low impedance AutoCheck™ mode – automatically selects AC or DC volts, resistance or continuity. Low impedance masks “ghost” voltage pickup
- dBm function with 20 selectable reference impedance values

### ACCESSORIES INCLUDED:

- (1) 9V battery, bead temperature probe (DM-820A, DM-830A only, 400°F/204°C max), test leads, protective boot and carrying case.

### SPECIFICATIONS

Voltage Measurement	60.00, 600.0 mV; 9.999, 99.99, 999.9V
Amperage Measurement	600.0, 6000µA; 60.00, 600.0mA; 6.000, 10.00A
Resistance	600.0Ω; 6.000, 60.00, 600.0 kΩ; 6.000, 60.00 MΩ
Conductance	99.99nS
Capacitance	60.00, 600.0nF; 6.000, 60.00, 600.0µF; 6.000, 25.00 mF
Frequency	15.00Hz – 50.00kHz sine wave; 5.00Hz – 1.000MHz logic level square wave
Temperature	K type, -58 to 1832 °F (-50 to 1000 °C)
Measurement Category	CAT IV, 1000V

CAT. NO.	UPC NO.	DESCRIPTION
DM-810A	783310087434	10,000-Count Digital Multimeter, 1000V, 10A
DM-810A-C*	783310357599	10,000-Count Digital Multimeter, 1000V, 10A, Calibrated
DM-820A	783310087441	10,000-Count Digital Multimeter, 1000V, 10A
DM-820A-C*	783310357605	10,000-Count Digital Multimeter, 1000V, 10A, Calibrated
DM-830A	783310087458	10,000-Count Digital Multimeter, 1000V, 10A
DM-830A-C*	783310357704	10,000-Count Digital Multimeter, 1000V, 10A, Calibrated
R TC-20	783310075356	Carrying Case
R TSG-3	783310120346	Sure-Grip Test Leads
R TPB	783310075929	Bead Temperature Probe (included with DM-820A, DM-830A)

\*Includes Certificate of Calibration



DM-200A



DM-210A

FEATURING:



DM-510A

## ESM™ Series 6,000-Count Digital Multimeters

### DM-200A FEATURES:

- Measures voltage, current, resistance and frequency
- Tests continuity and diodes
- Backlit LCD with 6,000 count display
- Two voltage detection modes – non-contact or using a single test lead
- BeepJack™ warns when test leads are incorrectly inserted in current measurement terminals
- Automatic and manual range selection
- Relative offset mode to see changes in measurements
- Data hold
- Use optional USB / RS-232 interface DMSC-2U for direct-to-PC logging

### DM-210A HAS ALL DM-200A FEATURES PLUS:

- Measures capacitance
- Measures temperature using a type K thermocouple

### DM-510A HAS ALL DM-210 FEATURES PLUS:

- True RMS for no-compromise accuracy
- Crest capture (peak hold) plus recording of max, min, max-min and average
- Low impedance AutoCheck™ mode – automatically selects AC or DC volts, resistance or continuity and low impedance masks “ghost” voltage pickup

### ACCESSORIES INCLUDED:

- (2) 1.5V AAA batteries, bead temperature probe (DM-210A, DM-510A only, 400°F/204°C max), test leads and protective boot.

### SPECIFICATIONS

<b>Voltage Measurement</b>	60.00, 600.0 mV; 6.000, 60.00, 600.0, 1000V
<b>Amperage Measurement</b>	600.0, 6000µA; 60.00, 600.0mA; 6.000, 8.00A
<b>Resistance</b>	600.0Ω; 6.000, 60.00, 600.0 kΩ; 6.000, 60.00 MΩ
<b>Capacitance</b>	60.00, 600.0nF; 6.000, 60.00, 600.0, 3000µF
<b>Frequency</b>	10Hz – 50kHz sine wave; 5.0 – 1.000MHz logic level square wave
<b>Temperature</b>	K type, -58 to 1832 °F (-50 to 1000 °C)
<b>Measurement Category</b>	CAT IV 300V; CAT III 600V; CAT II 1000V

CAT. NO.	UPC NO.	DESCRIPTION
DM-200A	783310087403	6,000-Count Digital Multimeter, 1000V, 8A
DM-200A-C*	783310357568	6,000-Count Digital Multimeter, 1000V, 8A, Calibrated
DM-210A	783310087410	6,000-Count Digital Multimeter, 1000V, 8A
DM-210A-C*	783310357575	6,000-Count Digital Multimeter, 1000V, 8A, Calibrated
DM-510A	783310087427	6,000-Count Digital Multimeter, 1000V, 8A
DM-510A-C*	783310357582	6,000-Count Digital Multimeter, 1000V, 8A, Calibrated
 TSG-3	783310120346	Sure-Grip Test Leads

\*Includes Certificate of Calibration





DM-65



## Digital Multimeter

- Measures AC/DC voltage, AC/DC current, resistance, temperature, frequency, duty cycle and capacitance
- Diode and audible continuity tests
- Relative offset mode to see changes in measurements
- Data hold

### SPECIFICATIONS

Amperage Measurement	600.0, 6000µA; 60.00, 600.0 mA; 6.000, 10.00 A
Voltage Measurement	6.000, 60.00, 600.0, 1000V AC; 600.0 mV; 6.000, 60.00, 600.0, 1000V DC
Display	LCD, 6000 count with bar graph
Resistance Measurement	600.0Ω; 6.000, 60.00, 600.0 kΩ; 6.000, 60.00 MΩ
Frequency Measurement	9.999Hz to 9.999MHz
Temperature Measurement	-4 to 1832 °F (-20 to 1000°C)
Capacitance Measurement	40.00, 400.0nF; 4.000, 40.00, 400.0, 4000µF
Measurement Category	CAT IV, 600V; CAT III, 1000V

CAT. NO.	UPC NO.	DESCRIPTION
DM-65	783310003397	4,000-Count Digital Multimeter, 1000V, 10A
TSG-3	783310120346	Test Leads



DM-45



## Digital Multimeter

- Measures AC/DC voltage, AC/DC current, resistance, temperature, frequency, duty cycle and capacitance
- Diode and audible continuity tests
- Relative offset mode to see changes in measurements
- Data hold

### SPECIFICATIONS

Amperage Measurement	400.0, 4000µA; 40.00, 400.0 mA; 4.000, 10.00 A
Voltage Measurement	4.000, 40.00, 400.0, 600V AC; 400.0 mV; 4.000, 40.00, 400.0, 600V DC
Display	LCD, 4000 count
Resistance Measurement	400.0Ω; 4.000, 40.00, 400.0 kΩ; 4.000, 40.00 MΩ
Frequency Measurement	9.999Hz to 9.999MHz
Temperature Measurement	-4 to 1832 °F (-20 to 1000°C)
Capacitance Measurement	40.00, 400.0nF; 4.000, 40.00, 200.0µF
Measurement Category	CAT III, 600V

CAT. NO.	UPC NO.	DESCRIPTION
DM-45	783310003373	4,000-Count Digital Multimeter, 600V, 10A
TSG-3	783310120346	Test Leads



= NEW PRODUCT



= REPLACEMENT PART



= ACCESSORY



= BARE TOOL



DM-25



## Digital Multimeter

- Measures AC/DC voltage and resistance
- Diode and audible continuity tests
- Tests 1.5V and 9V batteries

### SPECIFICATIONS

Voltage Measurement	200.0, 600V AC; 20.00, 200.0, 600V DC
Resistance Measurement	200.0, 2000Ω; 20.00, 200.0, 2000kΩ
Measurement Category	CAT III, 600V

CAT. NO.	UPC NO.	DESCRIPTION
DM-25	783310003342	Manual Ranging Digital Multimeter, 600V



PDMM-20



## PDMM-20 Pocket Multimeter

- Auto-select mode for hassle-free use
- Low impedance eliminates stray or “ghost” voltage readings
- AC/DC voltage measurement
- Autoranging for quick, convenient measurements
- Non-contact voltage detection for identifying live lines without contacting conductors
- Intelligent Auto-Off for longer battery life
- Resistance measurement
- Audible continuity test
- Frequency measurement in voltage mode
- Capacitance measurement
- Low battery indicator
- Accessories included: (1) 3V battery (CR2032) and carrying case

### SPECIFICATIONS

Voltage Measurement	6.000, 60.00, 450.0V
Resistance Measurement	6.000, 60.00, 600.0kΩ, 6.000MΩ
Capacitance	100.0, 1000nF; 10.00, 100.0μF
Display	LCD, 6000 count
Frequency	10.00Hz – 30.00Hz
Measurement Category	CAT II, 450V; CAT III, 300V

CAT. NO.	UPC NO.	DESCRIPTION
PDMM-20	783310116899	Pocket Multimeter, 450V

## BASIC ELECTRICAL KITS



### GT-11

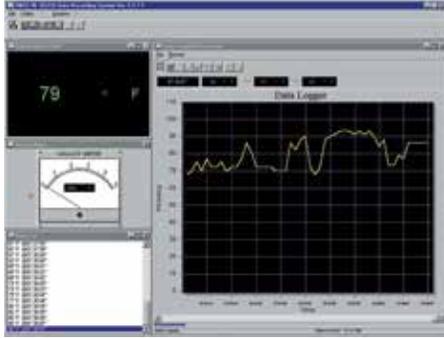
- Non-contact voltage detection
- Bright LED and audible alarm sound if voltage is present
- On/Off switch for longer battery life
- Convenient pen-size device easily fits into pockets or tool pouches
- Use to detect voltage in outlets, lighting fixtures, circuit breakers, wires and cables or to find a break in a wire

	TK-30A	TK-30AGFI
DM-25	X	X
GT-11	X	X
GT-10	X	-
GT-10GFI	-	X

CAT. NO.	UPC NO.	DESCRIPTION
TK-30A	783310008804	Electrical Kit, Basic
TK-30AGFI	783310015758	Electrical Kit, GFCI



# MULTIMETER ACCESSORIES



See both digital and analog meter readouts on-screen, plus a large, easy-to-read graph of logged values – in this case, a thermocouple monitoring air temperature in a forced-air furnace duct.

## Interface Kits

- Connects to a PC for data storage and retrieval from Greenlee digital multimeters and clamp meters
- Allows retrieval of stored data and real-time logging and graphing
- Retrieve stored data log from DML-Series
- Export data to disk for analysis with any spreadsheet

### SPECIFICATIONS

<b>Software Requirements</b>	Windows 7/Vista/XP/2000/NT4 or Windows ME/98/95
<b>Hardware Requirements</b>	CPU and memory – minimum Windows requirement Monitor – at least 640 x 480, 800 x 600 recommended Hard disk – at least 500 megabytes free space Connection – DMSC-9U: free USB port; DMSC-2U: free USB or 9-pin serial port; DMSC-9: free 9-pin serial port

CAT. NO.	UPC NO.	DESCRIPTION
DMSC-2U	783310357728	Interface Kit, DM-200 and 200A Series and DM-510A Digital Multimeters
DMSC-9U	783310357735	Interface Kit, DM-800A Series Digital Multimeters
DMSC-9	783310077558	Interface Kit, DM-800 Series Digital Multimeters
CMSC-1U	783310025429	Interface Kit, CMI-2000 Clamp Meter



DMSC-9U



DMSC-2U



DMSC-9



# CLAMP METERS

## Comparison Guide

FEATURE	CMI-1000	CMI-600	CM-1560	CM-1360	CM-960	CM-860	CM-660	CM-450
Count	6000	6000	6000	6000	6000	6000	6000	4000
Jaw opening	2.00" (51 mm)	1.18" (30 mm)	2.00" (51 mm)	2.00" (51 mm)	1.18" (30 mm)	1.18" (30 mm)	1.18" (30 mm)	1.02" (26 mm)
True RMS	X	X	X	X	X	-	-	X
ACA (A max)	1000	600	1000	1000	600	600	600	600
Maximum resolution (A)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.01
Best accuracy (%)	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.5
DCA (A max)	1000	600	1000	600	600	-	-	-
Maximum resolution (A)	0.1	0.1	0.1	0.1	0.1	-	-	-
Best accuracy (%)	1.5	1.8	1.2	1.8	1.8	-	-	-
ACV (V max)	1000	600	1000	1000	600	600	600	600
Maximum resolution (V)	0.1	0.1	0.1	0.1	0.1	0.1	1	0.001
Best accuracy (%)	0.8	1.0	0.8	0.8	1.0	1.0	1.0	1.5
DCV (V max)	600	600	1000	1000	600	600	600	600
Maximum resolution (V)	0.1	0.1	0.1	0.1	0.1	0.1	1	0.1
Best accuracy (%)	0.8	1.0	0.8	0.8	1.0	1.0	1.0	0.3
Resistance (Ω)	60k	400	60k	60k	60k	60k	60k	40M
Continuity and beeper	X	X	X	X	X	X	X	X
Diode test	X	X	X	X	X	X	X	X
Capacitance	X	X	X	X	X	X	-	-
Frequency	X	X	X	X	X	X	-	X
Temperature (T1)	X	X	-	-	-	-	-	-
Display type	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital
Display update X/sec	2	2.5	2.5	2.5	2.5	2.5	4	3
Analog bar graph segments	40	42	42	42	42	42	-	-
Analog update X/sec	20	13	13	13	13	13	-	-
Low battery indicator	X	X	X	X	X	X	X	X
Autoranging	X	X	X	X	X	X	-	X
Auto power off	X	X	X	X	X	X	X	X
Peak hold	X	X	X	X	X	X	-	-
Data hold	X	X	X	X	X	X	X	X
Min, max	X	X	X	X	X	X	-	-
Data logging	-	-	-	-	-	-	-	-
Power factor	-	-	-	-	-	-	-	-
True power (kW)	-	-	-	-	-	-	-	-
Apparent Power (kVA)	-	-	-	-	-	-	-	-
Measurement Category	III, 600V	III, 600V	IV, 600V III, 1000V	IV, 600V III, 1000V	III, 600V	III, 600V	III, 600V	III, 600V
UL	X	X	X	X	X	X	X	X
cUL or CSA	X	X	X	X	X	X	X	X
CE	X	X	X	X	X	X	X	-
ETL	-	X	-	-	X	X	X	-

# CLAMP METERS

## Comparison Guide (Cont'd)

FEATURE	CM-410	CM-330	CSJ-100	CMT-90	CMT-80	CMF-110/ CMF-118	FC-110/ FC-118
Count	2000	2000	2000	10,000	10,000	3000	
Jaw opening	1.18" (30 mm)	1.08" (27 mm)	0.63" (16mm)	1.34" (34 mm)	1.06" (27 mm)	10"/18" (254 mm/457 mm)	10"/18" (254 mm/457 mm)
True RMS	-	-	-	X	-	X	-
ACA (A max)	400	400	200	600	400	3000	3000
Maximum resolution (A)	0.1	0.01	0.1	1.0	0.1	0.01	.01
Best accuracy (%)	1.9	2.0	3.0	1.9	1.8	3.0	3.0
DCA (A max)	-	-	-	-	-	-	-
Maximum resolution (A)	-	-	-	-	-	-	-
Best accuracy (%)	-	-	-	-	-	-	-
ACV (V max)	600	-	1000	1000	600	600	-
Maximum resolution (V)	0.1	-	0.1	0.1	0.1	0.001	-
Best accuracy (%)	1.5	-	1.5	1.5	1.5	1.2	-
DCV (V max)	600	-	1000	1000	600	-	-
Maximum resolution (V)	0.1	-	0.1	0.1	0.1	-	-
Best accuracy (%)	1.0	-	1.0	1.0	1.0	-	-
Resistance (Ω)	20M	-	20M	10k	10k	60M	-
Continuity and beeper	X	-	X	X	X	-	-
Diode test	-	-	X	X	X	-	-
Capacitance	-	-	-	-	-	-	-
Frequency	-	-	-	-	-	X	X
Temperature (T1)	-	-	-	-	-	-	-
Display type	Digital	Digital	Digital	Digital	Digital	LCD	-
Display update X/sec	1.5	2.5	1.5	1 to 4	1 to 4	-	-
Analog bar graph segments	-	-	-	-	-	-	-
Analog update X/sec	-	-	-	-	-	-	-
Low battery indicator	X	X	X	X	X	X	X
Autoranging	X	-	X	-	-	-	-
Auto power off	X	-	X	X	X	X	-
Peak hold	-	-	-	-	-	-	-
Data hold	X	X	X	X	X	X	-
Min, max	-	max. only	-	-	-	-	-
Data logging	-	-	-	-	-	-	-
Power factor	-	-	-	-	-	-	-
True Power	-	-	-	-	-	-	-
Apparent Power (kVA)	-	-	-	-	-	-	-
Measurement Category	III, 600V	III, 600V	IV, 600V III, 1000V	IV, 600V III, 1000V	III, 600V	IV, 600V	IV, 600V
UL	X	X	X	X	X	-	-
cUL or CSA	X	X	-	X	X	-	-
CE	-	-	X	-	-	X	X
ETL	-	-	-	-	-	X	X



CMI-1000



## 1000A Industrial Clamp Meter

- Measures AC+DC current and DC microamps
- AC and AC+DC voltage measurements with digital low pass filter for accurate readings on variable frequency drives
- Also measures DC voltage, resistance, capacitance, temperature and frequency
- Tests continuity and diodes
- Phase Sequence & Motor Rotation tests
- Peak-RMS measures motor inrush current
- Flashlight inside clamp jaw for easier work in dark locations
- Backlight & relative mode for added versatility
- AmpTip™ increases accuracy on small wires and low current
- Two voltage detection modes – non-contact or using a single test lead
- Data hold
- Records Maximum, Minimum and Average readings
- Crest (peak hold) feature captures current or voltage peaks as short as 5 milliseconds
- Accessories included: (1) 9V battery, test leads and carrying case

### SPECIFICATIONS

Amperage Measurement	60.00A, 600.0A, 1000A
Voltage Measurement	600.0V DC; 600.0V, 1000V AC+DC
Display	LCD, 6000 Count
Frequency Rating	Voltage: 5.00 to 999.9 Hz; Current: 40.00 to 400.00 Hz
Resistance	600.0Ω, 6.000kΩ, 60.00kΩ
Capacitance	200.0, 2500μF
Temperature	-40.0 to 752°F (-40.0 to 400°C)
Jaw Opening	2" (51 mm)
Measurement Category	CAT III 1000V, CAT IV 600V

CAT. NO.	UPC NO.	DESCRIPTION
CMI-1000	783310021872	Industrial Clamp Meter, 1000V, 1000A
CMI-1000-C*	783310022121	Industrial Clamp Meter, 1000V, 1000A, Calibrated
 02714	783310027140	Test Leads
 TC-30	783310075363	Carrying Case

\*Includes Certificate of Calibration



CMI-600



## 600A Industrial Clamp Meter

- Measures AC+DC current and DC microamps
- AC and AC+DC voltage measurements with digital low pass filter for accurate readings on variable frequency drives
- Also measures DC voltage, resistance, capacitance, temperature and frequency
- Tests continuity and diodes
- Phase Sequence & Motor Rotation tests
- Peak-RMS measures motor in rush current
- Backlight & relative mode for added versatility
- AmpTip™ increases accuracy on small wires and low current
- Two voltage detection modes – non-contact or using a single test lead
- Data hold
- Records Maximum, Minimum and Average readings
- Accessories included: (1) 9V battery, test leads and carrying case

### SPECIFICATIONS

Amperage Measurement	60.00, 600.0A AC+DC
Voltage Measurement	600.0V DC 600.0V, 1000V AC
Display	LCD, 6000 Count
Frequency Rating	Voltage: 5.00 to 999.9 Hz; Current: 50.00 to 400.0 Hz
Resistance	600.0Ω, 6.000, 60.00kΩ
Capacitance	200.0, 2500μF
Temperature	-40.0 to 752°F (-40.0 to 400°C)
Jaw Opening	1.18" (30 mm)
Measurement Category	CAT III 600V, CAT IV 300V

CAT. NO.	UPC NO.	DESCRIPTION
CMI-600	783310021919	Industrial Clamp Meter, 1000V, 600A
CMI-600-C*	783310022299	Industrial Clamp Meter, 1000V, 600A, Calibrated
02714	783310027140	Test Leads

\*Includes Certificate of Calibration



CM-1560



## 1000A AC/DC True RMS Clamp Meter

- Measures AC+DC current
- AC and AC+DC voltage measurements with digital low pass filter for accurate readings on variable frequency drives
- Also measures DC voltage, resistance, capacitance and frequency
- Tests continuity and diodes
- Flashlight inside clamp jaw for easier work in dark locations
- Backlight & relative mode for added versatility
- Peak-RMS measures motor inrush current
- AmpTip™ increases accuracy on small wires and low current
- Two voltage detection modes – non-contact or using a single test lead
- Data hold
- Records Maximum, Minimum and Average readings
- Crest (peak hold) feature captures current or voltage peaks as short as 5 milliseconds
- Accessories included: (1) 9V battery, test leads and carrying case

### SPECIFICATIONS

Amperage Measurement	60.00A, 600.0A, 1000A AC+DC
Voltage Measurement	600.0V DC 600.0V, 1000V AC+DC
Display	LCD, 6000 Count
Frequency Rating	Voltage: 5.00 to 999.9 Hz; Current: 40.00 to 400.00 Hz
Resistance	600.0Ω, 6.000kΩ, 60.00kΩ
Capacitance	200.0, 2500μF
Jaw Opening	2" (51 mm)
Measurement Category	CAT III 1000V, CAT IV 600V

CAT. NO.	UPC NO.	DESCRIPTION
CM-1560	783310021889	AC/DC True RMS Clamp Meter, 1000V, 1000A
CM-1560-C*	783310022190	AC/DC True RMS Clamp Meter, 1000V, 1000A, Calibrated
TSG-3	783310120346	Test Leads
TC-30	783310075363	Carrying Case

\*Includes Certificate of Calibration



CM-1360



## 1000A AC True RMS Clamp Meter

- Measures AC current
- AC voltage measurement with digital low pass filter for accurate readings on variable frequency drives
- Also measures DC voltage, resistance, capacitance and frequency
- Tests continuity and diodes
- Flashlight inside clamp jaw for easier work in dark locations
- Backlight & relative mode for added versatility
- AmpTip™ increases accuracy on small wires and low current
- Two voltage detection modes – non-contact or using a single test lead
- Data hold
- Records Maximum, Minimum and Average readings
- Accessories included: (1) 9V battery, test leads and carrying case

### SPECIFICATIONS

Amperage Measurement	60.00A, 600.0A, 1000A
Voltage Measurement	600.0V DC 600.0V, 1000V AC
Display	LCD, 6000 Count
Frequency Rating	Voltage: 50/60Hz; Current: 40 to 400Hz
Resistance	600.0Ω, 6.000kΩ, 60.00kΩ
Capacitance	200.0, 2500μF
Temperature	-40.0 to 752°F (-40.0 to 400°C)
Jaw Opening	2" (51 mm)
Measurement Category	CAT III 1000V, CAT IV 600V

CAT. NO.	UPC NO.	DESCRIPTION
CM-1360	783310021902	AC True RMS Clamp Meter, 1000V, 1000A
CM-1360-C*	783310022213	AC True RMS Clamp Meter, 1000V, 1000A, Calibrated
<b>R</b> TSG-3	783310120346	Test Leads
<b>R</b> TC-30	783310075363	Carrying Case

\*Includes Certificate of Calibration



CM-960



## 600A AC/DC True RMS Clamp Meter

- Measures AC+DC current
- AC and AC+DC voltage measurements with digital low pass filter for accurate readings on variable frequency drives
- Also measures DC voltage, resistance, capacitance and frequency
- Tests continuity and diodes
- Peak-RMS measures motor inrush current
- Backlight & relative mode for added versatility
- AmpTip™ increases accuracy on small wires and low current
- Two voltage detection modes – non-contact or using a single test lead
- Data hold
- Records of Maximum, Minimum and Average readings

### SPECIFICATIONS

Amperage Measurement	60.00A, 600.0A
Voltage Measurement	600V
Display	LCD, 6000 Count
Frequency Rating	Voltage AmpTip™ Current: 50/60Hz; High Current: 50 to 400Hz
Resistance	600.0Ω, 6.000kΩ, 60.00kΩ
Capacitance	200.0, 2500μF
Jaw Opening	1.18" (30 mm)
Measurement Category	CAT III 600V, CAT IV 300V

CAT. NO.	UPC NO.	DESCRIPTION
CM-960	783310021926	AC/DC True RMS Clamp Meter, 600V, 600A
 CM-960-C*	783310022305	AC/DC True RMS Clamp Meter, 600V, 600A, Calibrated
TSG-3	783310120346	Test Leads

\*Includes Certificate of Calibration



CM-860



## 600A AC True RMS Clamp Meter

- Measures AC current
- AC voltage measurement with digital low pass filter for accurate readings on variable frequency drives
- Also measures DC voltage, resistance, capacitance and frequency
- Tests continuity and diodes
- Backlight & relative mode for added versatility
- AmpTip™ increases accuracy on small wires and low current
- Two voltage detection modes – non-contact or using a single test lead
- Data hold
- Records Maximum, Minimum and Average readings
- Accessories included: (1) 9V battery, test leads and carrying case

### SPECIFICATIONS

Amperage Measurement	60.00, 600.0A
Voltage Measurement	600V
Display	LCD, 6000 Count
Frequency Rating	Voltage: 5.00 to 999.9 Hz; Current: 50.00 to 400.0 Hz
Resistance	60kΩ
Jaw Opening	1.18" (30 mm)
Measurement Category	CAT III 600V, CAT IV 300V

CAT. NO.	UPC NO.	DESCRIPTION
CM-860	783310022107	AC True RMS Clamp Meter, 600V, 600A
CM-860-C*	783310022329	AC True RMS Clamp Meter, 600V, 600A, Calibrated
 TSG-3	783310120346	Test Leads

\*Includes Certificate of Calibration



CM-660



## 600A AC True RMS Clamp Meter

- Measures AC current
- AC voltage measurement with digital low pass filter for accurate readings on variable frequency drives
- Also measures DC voltage, resistance and frequency
- Tests continuity and diodes
- AmpTip™ increases accuracy on small wires and low current
- Two voltage detection modes – non-contact or using a single test lead
- Data hold
- Records Maximum, Minimum and Average readings
- Accessories included: (1) 9V battery, test leads and carrying case

### SPECIFICATIONS

Amperage Measurement	60.00, 600.0A
Voltage Measurement	600V
Resistance	60kΩ
Frequency	Voltage: 5.00 to 999.9 Hz; Current: 50.00 to 400.0 Hz
Display	LCD, 6000 Count
Jaw Opening	1.18" (30 mm)
Measurement Category	CAT III 600V, CAT IV 300V

CAT. NO.	UPC NO.	DESCRIPTION
CM-660	783310022114	AC True RMS Clamp Meter, 600V, 600A
CM-660-C*	783310022336	AC True RMS Clamp Meter, 600V, 600A, Calibrated
 TSG-3	783310120346	Test Leads

\*Includes Certificate of Calibration



CM-450



## 600A AC True RMS Clamp Meter

- AC amperage, AC/DC voltage measurement
- True RMS for the most accurate measurement where harmonics are present
- Auto power off for longer battery life
- Resistance measurement
- Audible continuity and diode tests
- Frequency measurement
- Data hold
- Accessories included: test leads, 3V standard button battery (IEC-CR 2032; ANSI-NEDA 54004LC)

### SPECIFICATIONS

Amperage Measurement	40.00, 400.0, 600A AC
Voltage Measurement	4.000, 40.00, 400.0, 600V AC 400.0 mV, 4.000V, 40.00, 400.0, 600V DC
Display	LCD, 4000 Count
Resistance	400.0Ω, 4.000kΩ, 40.00kΩ, 400.0kΩ, 4.000MΩ, 40.00MΩ
Jaw Opening	1.02" (26 mm)
Measurement Category	CAT III, 600V

CAT. NO.	UPC NO.	DESCRIPTION
CM-450	783310127260	AC True RMS Clamp Meter, 600V, 600A
<b>R</b> TSG-3	783310120346	Sure-Grip Test Leads



CM-410



## 400A AC Clamp Meter

- Measures AC amperage and AC/DC voltage
- Data hold
- Audible continuity test
- Auto power off for longer battery life
- Accessories included: (2) 1.5V AAA batteries, test leads and carrying case

### SPECIFICATIONS

Amperage Measurement	200.0, 400A AC
Voltage Measurement	200.0, 600V
Display	LCD, 2000 Count
Resistance	200.0Ω, 2.000, 20.00, 200.0kΩ, 2.000, 20.00MΩ
Jaw Opening	1.08" (27.4 mm)
Measurement Category	CAT III 600V

CAT. NO.	UPC NO.	DESCRIPTION
CM-410	783310734208	AC Clamp Meter, 600V, 400A
00606	783310006060	Test Leads



CM-330



## 400A AC Clamp Meter

- Measures AC current
- Data hold and Max hold to capture important readings
- Accessories included: (1) 9V battery and carrying case

### SPECIFICATIONS

Amperage Measurement	19.99, 199.9, 400A AC
Display	LCD, 2000 Count
Jaw Opening	1.18" (30 mm)
Measurement Category	CAT III, 600V

CAT. NO.	UPC NO.	DESCRIPTION
CM-330	783310118657	AC Clamp Meter, 400A



CSJ-100



## 200A AC Open Jaw Clamp Meter

- AC amperage, AC/DC voltage measurement
- Open jaw design eases AC current measurement
- Slim profile with built-in probe storage on back
- Resistance measurement
- Audible continuity and diode test
- Bright LED and audible alarm for non-contact voltage detection
- Auto power off for longer battery life
- Data hold
- Accessories included: (2) 1.5V AAA batteries, test leads and carrying case

### SPECIFICATIONS

Amperage Measurement	200.0 AC
Voltage Range	200.0, 1000V
Resistance Measurement	200.0Ω; 2.000, 20.00, 200.0 kΩ; 2.000, 20.00 MΩ
Display	LCD, 2000 count
Jaw Opening	0.63" (16mm)
Measurement Category	CAT IV 600V, CAT III 1000V

CAT. NO.	UPC NO.	DESCRIPTION
CSJ-100	783310871361	AC Open Jaw Clamp Meter, 1000V, 200A
<b>R</b> 11372	783310113720	Test Leads



CMT-90



## 1000V/600A Automatic Electrical Tester

- Hassle-free, automatic measurement of amperage, voltage and resistance
- Low impedance helps eliminate stray or “ghost” voltage readings
- True RMS for the most accurate measurement when harmonics are present
- High resolution, auto-illuminating LCD backlit display
- Auto off for longer battery life
- Resistance measurement
- Audible continuity test
- Diode test
- Data hold
- Accessories included: (1) 9V battery, test leads and carrying case

### SPECIFICATIONS

Amperage Measurement	0.6 to 600.0 AC
Voltage Measurement	1.8 to 999.9V DC; -0.6 to -999.9V DC
Resistance	0.0 to 99.9Ω; 100 to 2000Ω
Display	LCD, 10,000 count
Jaw Opening	1.34" (34 mm)
Measurement Category	CAT IV, 600V; CAT III, 1000V

CAT. NO.	UPC NO.	DESCRIPTION
CMT-90	783310121237	Automatic Electrical Tester, 1000V, 600A
 TSG-3	783310120346	Sure-Grip Test Leads



CMT-80



## 600V/400A Automatic Electrical Tester

- Hassle-free, automatic measurement of amperage, voltage and resistance
- Low impedance helps helps eliminate stray or “ghost” voltage readings
- Compact design for measuring in tight spaces
- Resistance measurement
- Audible continuity test
- Diode test
- Data hold
- Auto off for longer battery life
- Accessories included: (1) 9V battery, test leads and carrying case

### SPECIFICATIONS

Amperage Measurement	0.6 to 400.0A AC
Voltage Measurement	1.3 to 600.0V AC; 1.8 to 600.0; -0.6 to -600.0V DC
Resistance	0.1 to 99.9Ω; 100 to 2000Ω
Display	LCD, 10,000 count
Jaw Opening	1.06" (27 mm)
Measurement Category	CAT III, 600V

CAT. NO.	UPC NO.	DESCRIPTION
CMT-80	783310077350	Automatic Electrical Tester, 600V, 400A
<b>R</b> 11372	783310113720	Test Leads

# CMF & FC SERIES

## FLEXIBLE CLAMP METERS & CURRENT PROBES

**NEW**



### CMF SERIES SPECIFICATIONS

Amperage Measurement	30.00, 300.0, 3000A AC
Voltage Measurement	6.000, 60.00, 600.0V AC
Resistance Measurement	6.000, 60.00, 600.0kΩ; 6.000, 60.00MΩ
Frequency Measurement	20 to 30kHz
Coil Length	10" (25.4 mm), 18" (45.7 cm)
Measurement Category	CAT IV, 600V

### FC SERIES SPECIFICATIONS

Current Measurement	30.0, 300, 3000A
Coil Length	10" (25.4 mm), 18" (45.7 cm)
Measurement Category	CAT IV, 600V

- Accessories included: leads, softy carrying case and 3 AAA batteries

	CAT. NO.	UPC NO.	DESCRIPTION
<b>N</b>	CMF-110	783310088530	10" Flex Clamp Meter, 600V, 3000A
<b>N</b>	CMF-118	783310088547	18" Flex Clamp Meter, 600V, 3000A
<b>N R</b>	CMF-LK	783310037569	Test Lead Replacement Kit
<b>N</b>	FC-110	783310088554	10" Flex Clamp Current Probe, 3000A
<b>N</b>	FC-118	783310088561	18" Flex Clamp Current Probe, 3000A
<b>N R</b>	CMF-B	783310088790	FC and CMF Replacement Carrying Case

# CMGRT-100A

## GROUND RESISTANCE TESTER

**NEW**



**Wide Jaw Opening**

Clamps around cable and rod diameters up to 1.38"

**Memory Function**

Stores up to 300 measurements

**Automated Date and Time Stamp**

Facilitates accurate data reporting

**Rotary Dial**

For easy selection of the variety of different settings

**Non-contact Voltage Detection**

Visual and audible alerts for increased safety

**Large, Bright OLED Display**

Allows operator to read in low light conditions



CMGRT-100A



**SPECIFICATIONS**

Ground Resistance Measurements	0.01Ω to 1500Ω
Current Measurement Frequency	47Hz to 800Hz
Resistance Measurement Frequency	2083Hz
Clamp Opening	1.38"
Memory	300 entries
Alarms (3)	Impedance, Voltage, Current
Weight	2.06 lb
Measurement Category	CAT IV, 600V

• Accessories included: case, 9V Alkaline battery, calibration verification loop

	CAT. NO.	UPC NO.	DESCRIPTION
<b>N</b>	CMGRT-100A	783310082217	Ground Resistance Tester
<b>N</b>	CMGRT-100A-C	783310082224	Ground Resistance Tester. Calibrated
<b>N R</b>	CMGRT-CL	783310082200	Calibration Verification Loop

# CS-5000 – CIRCUIT SEEKER™

## TRACE AND LOCATE WITH CONFIDENCE

**NEW**



**Mode Indicator**  
Search mode and breaker mode

**Line Status Indicator**  
Indicates an energized circuit

**LED Lights**  
Indicates relative signal strength

**Low Battery Indicator**  
Maximizes productivity

**Ergonomic Over-Molded Grip**  
Results in comfort for the operator

CS-5000

### SPECIFICATIONS

<b>Voltage Rating</b>	600V AC/DC
<b>Tracing Range Open Line Mode</b>	Up to 10 ft (3 m) with a metallic connection to ground; 1 to 3 ft (0.3 to 0.9 m) with a capacitive ground reference
<b>Tracing Range Live Line Mode</b>	Up to 20 ft (6 m) from circuit
<b>Auto Power Off Intervals (Transmitter)</b>	4 Hours
<b>Auto Power Off Intervals (Receiver)</b>	30 minutes without signal
<b>Battery Type</b>	Transmitter – Two 1.5V AA batteries; Receiver – Two 1.5V AA batteries

- Accessories included: (2) alligator clips, AC blade, AC plug adapter, (2) extension leads, and carrying case

	CAT. NO.	UPC NO.	DESCRIPTION
	CS-5000	783310085133	Circuit Seeker Kit
	08435	783310084358	Transmitter
	08436	783310084365	Receiver
	10057	783310100577	(2) Alligator Clips
	10054	783310100546	AC Blade
	12852	783310128526	AC Plug Adapter
	12853	783310128533	(2) Extension Leads
	08437	783310084372	Carrying Case



CS-8000



CS-8000 (Kit)



## CS-8000 Circuit Seeker™ Circuit Tracer

- Advanced patented non-directional sensing technology
- Superior sensitivity and functionality providing for accurate tracing & locating
- Ergonomic receiver with information-rich full-color graphical LCD
- Graphics and audible signal provide quick and easy to understand tracing feedback
- Traces concealed wiring, locates junction boxes, and finds breakers for live or open circuits
- Locates and identifies blown fuses
- Finds shorts and breaks in conductors
- Low pitch, high volume audible indicator
- User-selectable automatic or manual gain capability for fast, convenient use
- Can be used on GFCI protected circuits
- Automatic backlight on receiver maximizes battery life
- Supports transmitter-to-receiver distances up to 4 miles for closed circuit tracing
- Accessories included: (2) alligator clips, AC blade, AC plug adapter, and carrying case

### SPECIFICATIONS

<b>Voltage Rating</b>	750V AC/DC
<b>Tracing Range Open Line Mode</b>	Up to 10 ft (3 m) with a metallic connection to ground; 1 to 3 ft (0.3 to 0.9 m) with a capacitive ground reference
<b>Tracing Range Live Line Mode</b>	Up to 20 ft (6 m) from circuit
<b>Auto Power Off Intervals (Transmitter)</b>	4 Hours
<b>Auto Power Off Intervals (Receiver)</b>	30 minutes without signal
<b>Battery Type</b>	Transmitter: Two 1.5V AA batteries Receiver: Two 1.5V AA batteries

CAT. NO.	UPC NO.	DESCRIPTION
CS-8000	783310121268	Circuit Seeker Kit
<b>R</b> 12849	783310128496	Transmitter
<b>R</b> 12850	783310128502	Receiver
<b>R</b> 10057	783310100577	Alligator Clips (2)
<b>R</b> 10054	783310100546	AC Blade
<b>R</b> 12852	783310128526	AC Plug Adapter
<b>R</b> 12851	783310128519	Carrying Case

# INSULATION TESTING

## Comparison Chart

FEATURE	5990A	5882A
Test Voltage	-	-
50V	-	X
100V	-	X
250V	X	X
500V	X	X
1000V	X	X
2500V	X	-
5000V	X	-
Insulation Range	-	-
50V	-	10 kΩ to 10 GΩ
100V	-	20 kΩ to 20 GΩ
250V	Auto-ranging, 5 kΩ to 999 GΩ	50 kΩ to 50 GΩ
500V		100 kΩ to 100 GΩ
1000V		200 kΩ to 200 GΩ
2500V		-
5000V		-
Automatic Discharge	X	X
Display Counts	1,000	4,000
Basic Accuracy	5%	3%
Voltage Measurement	1V to 600V	0.3V to 700V
Continuity	-	>100Ω
Resistance	-	0 to 4 MΩ
Frequency	-	15.3Hz to 800Hz
Display Type	Backlit LCD	Backlit LCD
Battery Type	Rechargeable NiMH	6 AA
Weight	6.61 lb (3kg)	1.07 lb (850g)
Measurement category	Cat IV, 600V	Cat IV, 600V
UL	X	X
CE	X	X

## 5990A 5kV MEGOHMMETER

**NEW**



**Progressive Battery Gauge**  
Indicates the condition of the battery



**Handle and Shoulder Strap**  
Integrated into the unit for durable portability

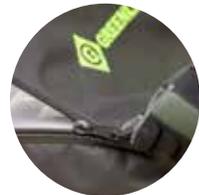


**Five Pre-Set Test Voltages**  
250V, 500V, 1000V, 2500V, 5000V  
for quick adjustment



**Detachable Lid**  
Enclosed with operating instructions

**Large Backlit LCD Display**  
Allows operator to read in low light conditions



**All-In-One Carrying Bag**  
Designed with a heavy-duty zipper



### 5990A SPECIFICATIONS

Pre-set test voltages	250V, 500V, 1000V, 2500V and 5000V
Voltage and Frequency Measurement	Up to 600V AC/DC
Automatic discharge	Yes
Battery Power supply	7.2V dc (6 × 1.2V nimhc size); rechargeable batteries with charger on-board
Auto-Calibration	Every time after turning power on
Weight	3 Kg without accessories, with batteries
Safety Voltage rating	Cat IV, 600V

- Accessories included: (1) red lead with alligator clip, (1) black lead with alligator clip, (1) mains cord, (6) 12V batteries, accessory case, and carrying case (with calibration certificate\*)

	CAT. NO.	UPC NO.	DESCRIPTION
<b>N</b>	5990A	783310084716	Megohmmeter 5kV
<b>N</b>	5990A-C	783310084822	Megohmmeter 5kV, Calibrated
<b>N</b> <b>R</b>	5990A-LK	783310087281	Test Lead Kit Nylon Bag, (1) Red Lead with Alligator Clip, (1) Black Lead with Alligator Clip, (1) Green Lead with Alligator Clip
<b>R</b>	5990A-B	783310087380	5kV Carrying Case
<b>R</b>	5990A-M	783310088103	Mains Cord

\*Calibrated only

# 5882A

## 1kV MEGOHMMETER



### Data Hold Button

Facilitates accurate capture of readings



### Convenient Kick Stand

Allowing the tester to be kept upright

### Non-Skid Over Molded Rubber Holster

Protects the meter against debris



5882A



### Molded in Magnetic Mount

For convenient hands-free measurements

### Large, Bright Digital Display

Allows operator to read in low light conditions

### Easy-to-use User Interface

### Rotary Selector

Select from the available 10 functions



### 5882A SPECIFICATIONS

Pre-set Test Voltages	50V, 100V, 250V, 500V, 1000V
Resistance Measurement	0 to 4MΩ
Frequency Measurement	15.3 to 800Hz
Voltage Measurement	.3 to 700V
Operating Temperature	-4F to 131F
Storage Temperature	-22°F to 176 °F
Continuity Checking	<100Ω
Standby Mode	After 5 minutes of inactivity
Battery Power Supply	Six 1.5V AA
Weight	1.07 lb
Safety Voltage Rating	Cat IV, 600V

- Accessories included: (2) red and black leads, (2) red and black test alligator clips, (1) black test probe and soft carrying case (with calibration certificate\*)

	CAT. NO.	UPC NO.	DESCRIPTION
	5882A	783310071549	Megohmmeter 1kV
	5882A-C	783310084815	Megohmmeter 1kV, Calibrated
	5882A-LK	783310085676	Test Lead Kit (2) Red & Black Leads, (2) Red & Black Test Probes, (2) Red & Black Alligator Clips
	5882A-B	783310087762	1kV Soft Carrying Case

\*Calibrated only



# 5124

## MOTOR ROTATION INDICATOR



**Over-molded Holster**  
Protects the meter from debris

Phase Sequence Indicators

LED Motor Rotation Indicators



5124



### SPECIFICATIONS

Voltage Range (Line-to-Line)	Rotational field: 80V to 440V Phase: 190V to 600V
Frequency	50Hz to 60Hz
Battery	9V
Safety Voltage Rating	Cat III, 600V

- Accessories included: (2) red and black leads, (2) red and black test alligator clips, (1) black test probe and soft carrying case (with calibration certificate\*)

CAT. NO.	UPC NO.	DESCRIPTION
5124	783310088752	Phase Sequence Rotation Motor Indicator Kit
5124-LK	783310088776	Tri-color Leads with Alligator Clips Replacement
5124-B	783310088769	Soft Carrying Case Replacement

\*Calibrated only

# SPECIALTY TEST EQUIPMENT



CLM-1000

## Standard Cable Length Meter

- Measures length of cable without removing it from spool, counting turns or weighing spool
- Push button selections of copper or aluminum cable
- Eight user-programmable settings for other gauges
- Powered by (6) 1.5V AA batteries

### SPECIFICATIONS

Display	LCD, 4-1/2"
Voltage Rating	Not intended for connection to live voltage
Resistance Range	199.9 milliohms to 1999.9Ω in 5 ranges
Cable Length	From 15 ft to 100 ft
Resistant Values	Down to 199.99Ω
Pre-set AWG wire gages (CLM-1000)	18, 16, 14, 12, 10, 8, 6, 4, 2, 1/0, 2/0, 3/0, 4/0
Pre-set kcmil wire sizes (CLM-1000)	250, 350, 400, 500, 600, 750, 1000
Metric wire sizes (CLM-1000E)	0.75, 1, 1.5, 2.5, 4, 6, 10, 16, 25, 35, 50, 70, 95, 120, 150, 185, 240, 300, 400, 500 mm <sup>2</sup>

CAT. NO.	UPC NO.	DESCRIPTION
CLM-1000	783310027195	Standard Cable Length Meter
CLM-1000E	783310027201	Metric Cable Length Meter
 CLM-ROD	783310027218	Calibration Rods (Pair)
 CLM-CLIPS	783310027225	Kelvin Clips (Pair)



TG-2000

TG-1000



## TG-1000 & TG-2000 Infrared Thermometers

BOTH TG-1000 AND TG-2000 OFFER:

- Safe, non-contact temperature measurement
- Display temperatures in either Fahrenheit or Celsius
- Adjustable emissivity for optimum temperature reading accuracy on a wide range of materials and surfaces
- Min, Max, Difference and Average temperature functions
- Backlit display for easy readings in any environment

TG-1000 FEATURES:

- Laser spot indicator showing approximate center of target measurement area

TG-2000 FEATURES

- Wider temperature range
- Higher distance-to-spot (D:S) Ratio for measuring smaller targets or at greater distances
- Dual lasers indicate approximate diameter of target measurement area

### SPECIFICATIONS

	TG-1000	TG-2000
Range – °F	-76 - 1022	-76 - 1157
Range – °C	-60 - 500	-60 - 625
D:S Ratio	12:1	16:1
Laser	X	Dual
K-Type Contact	-	X
Emissivity	.10 - 1.00	.10 - 1.00
Backlight	X	X
Alarms	Hi/Low	Hi/Low

CAT. NO.	UPC NO.	DESCRIPTION
TG-1000	783310001034	Infrared Thermometer
TG-2000	783310001041	Dual Laser Infrared Thermometer



93-172



## Digital Light Meter

- Measures incandescent, fluorescent, metal halide, high-pressure sodium and halogen lamp output
- Color and cosine-corrected for enhanced accuracy
- Measures up to 50,000 lux
- Peak and data hold means no lost measurements
- Accessories included: (1) 9V battery and carrying case

### SPECIFICATIONS

#### ILLUMINANCE RANGE

Foot Candles	0.01 - 5,000 fc (20/200/2,000/5,000)
Lux	0.1 - 50,000 lux (200/2,000/20,000/50,000)

#### ACCURACY

Incandescent Light Source	± 4%
Other Light Sources	± 7%
Temperature Range	0° to 40° C (32° to 104° F)
Sampling Rate	2.5 times per second

CAT. NO.	UPC NO.	DESCRIPTION
93-172	783310060604	Digital Light Meter
93-172-C*	783310070849	Digital Light Meter, Calibrated
 06200	783310062004	Carrying Case
 06061	783310060611	Sensor
 06083	783310060833	Sensor Case

\*Includes Certificate of Calibration

## ACCESSORIES



TSG-3



### Sure-Grip Test Leads

- 39" (1 m) long flexible silicon insulated wire
- Right-angle meter plugs
- Comfort-grip overmolded probes
- Gold plated tips for low contact resistance
- Set of 2 leads, one black and one red
- Measurement Category:
  - With Caps: CAT IV 1000 V
  - Without Caps: CAT II 1000 V
- Maximum current 10 amps

CAT. NO.	UPC NO.	DESCRIPTION
TSG-3	783310120346	Sure-Grip Test Leads



TPB

### Bead Temperature Probe

- For surface and air/gas temperature measurement
- Not suitable for liquids
- Measurement range: -40°F to 399°F (-40°C to 204°C)
- Probe length: 39.4" ±0.2" (1 m ±5 mm)
- Type K thermocouple

CAT. NO.	UPC NO.	DESCRIPTION
TPB	783310075929	Temperature Probe



TC-15

### Deluxe Carrying Case

- Durable nylon carrying case
- Inside pocket for test leads
- With carry strap and double-stitched belt loop

#### SPECIFICATIONS

Size	11-1/4" x 3" x 2" (285.8 mm x 76.2 mm x 50.8 mm)
------	--

CAT. NO.	UPC NO.	DESCRIPTION
TC-15	783310075950	Deluxe Carrying Case



TC-30

### Deluxe Carrying Case

- Durable nylon carrying case
- Inside pocket for test leads
- With carry strap and double-stitched belt loop

#### SPECIFICATIONS

Size	11-1/4" x 4-1/2" x 2 1/8" (285 mm x 115 mm x 55 mm)
------	---

CAT. NO.	UPC NO.	DESCRIPTION
TC-30	783310075363	Deluxe Carrying Case



TC-20

### Deluxe Carrying Case

- Durable nylon carrying case
- Inside pocket for test leads
- With carry strap and double-stitched belt loop

#### SPECIFICATIONS

Size	7-3/4" x 6-1/4" x 2" (196.9 mm x 158.8 x 50.8 mm)
------	---

CAT. NO.	UPC NO.	DESCRIPTION
TC-20	783310075356	Deluxe Carrying Case

## FUSE SELECTION GUIDE

SUITABLE FUSES	BUSSMAN GDA-160MA LITTELFUSE 216.160	BUSSMAN GDA-315MA LITTELFUSE 216.315	BUSSMAN KTK-4/10 LITTELFUSE BLS-4/10	BUSSMAN DMM-B-44/100 LITTELFUSE FLU .44 FERRAZ FSM44/100	BUSSMAN GDA-500MA LITTELFUSE 216.500	FERRAZ 500V FA 0.63A 6,3X32 SIBA 189 020.0.630	FERRAZ 660V FA 0.63A 6,3X32	BUSSMAN AGC-10	BUSSMAN KTK-10 LITTELFUSE KLK-10	BUSSMAN DMM-B-11-A LITTELFUSE FLU011 FERRAZ FSM11	FERRAZ 500V FA 12.5A 6,3X32 SIBA 189 020.12.5	BUSSMAN KTK-15 LITTELFUSE KLK-15
DM-200A	-	-	-	-	-	X	-	-	X	-	-	-
DM-210A	-	-	-	-	-	X	-	-	X	-	-	-
DM-510A	-	-	-	-	-	X	-	-	X	-	-	-
DM-810A	-	-	-	X	-	-	-	-	-	X	-	-
DM-820A	-	-	-	X	-	-	-	-	-	X	-	-
DM-830A	-	-	-	X	-	-	-	-	-	X	-	-
DM-860A	-	-	-	X	-	-	-	-	-	X	-	-
FUSE RATINGS	-	-	-	-	-	-	-	-	-	-	-	-
AMPERAGE	160 mA	315 mA	400 mA	440 mA	500 mA	630 mA	630 mA	10 A	10 A	11 A	12.5 A	15 A
VOLTAGE	250V	250V	600V	1000V	250V	500V	660V	250V	600V	1000V	500V	600V
INTERRUPTING RATING (AMPS)	1,500	1,500	10,000	10,000	1,500	150,000	30,000	200	100,000	10,000	20,000	100,000

### SOFTWARE COMPATIBILITY

CAT. NO.	DMSC-2U	DMSC-9U	DMSC-9	CMSC-1U
DM-200A	X	-	-	-
DM-210A	X	-	-	-
DM-510A	X	-	-	-
DM-810A	-	X	-	-
DM-820A	-	X	-	-
DM-830A	-	X	-	-

# INSTRUMENT CASE COMPATIBILITY

CASE CAT NO.	TC-20	TC-30	TC-40	CMF-B
GT-95	-	-	-	-
GT-65	-	-	-	-
DM-800 Series	X	-	-	-
DM-500 Series	X	-	X	-
DM-200 Series	X	-	X	-
DM-25	-	-	X	-
CMI-1000	-	X	-	-
CM-1500 Series	-	X	-	-
CM-1300 Series	-	X	-	-
CM-900 Series	-	-	-	-
CM-800 Series	-	-	-	-
CM-600 Series	-	-	-	-
CM-450	-	-	-	-
CM-410	-	-	-	-
CM-330	-	-	-	-
CSJ-100	-	-	-	-
CMT-90	-	-	-	-
CMT-80	-	-	-	-
CMF-100/CMF-118	-	-	-	X
FC-100/FC-118	-	-	-	X



**NOTES**



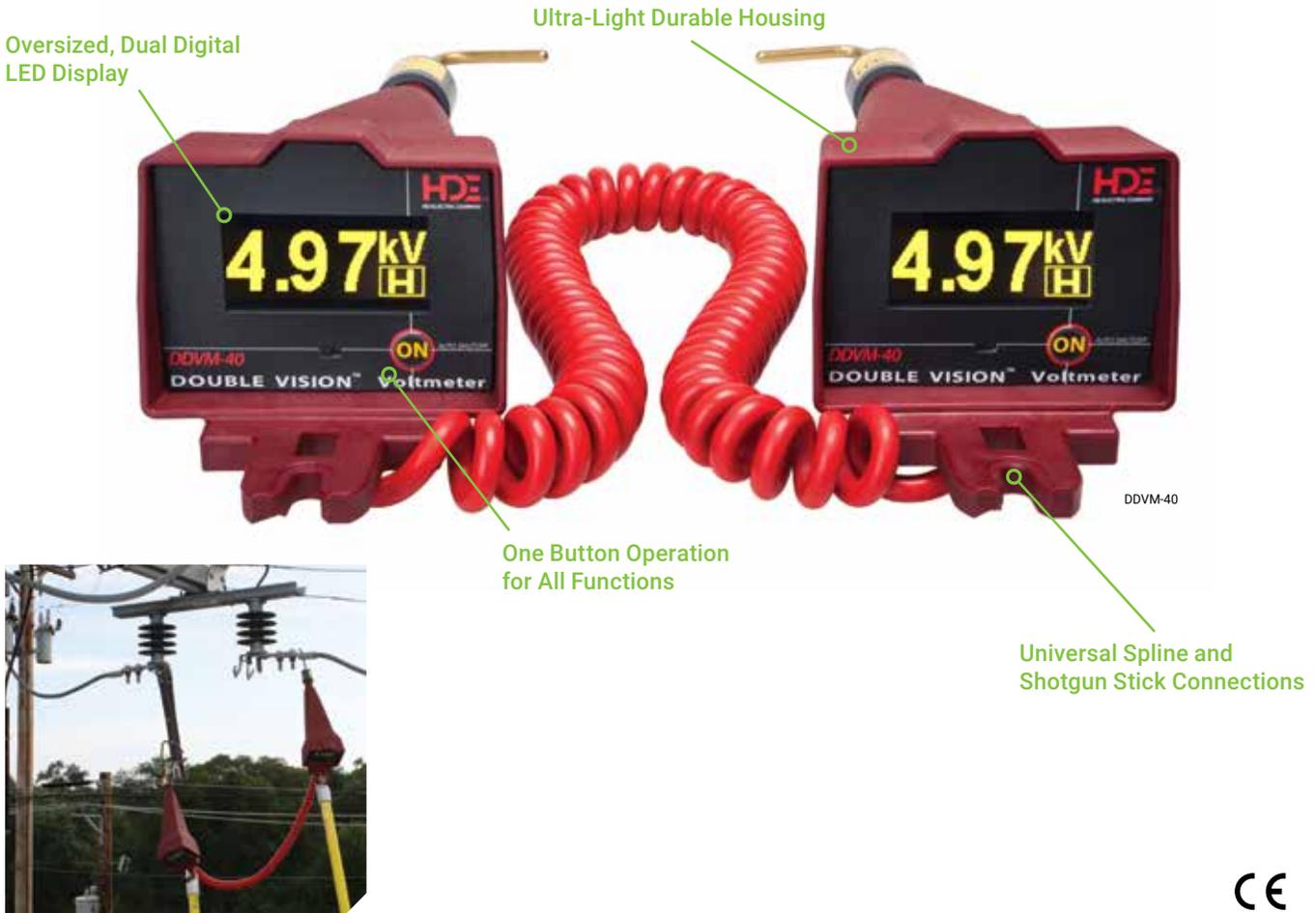
# TEST & MEASUREMENT – HIGH VOLTAGE

The HD Electric high voltage Test, Measurement & Safety Products are designed and manufactured to help customers manage and deliver electric power safely and efficiently. This is accomplished by creating products and providing solutions with a passion for excellence and innovation. At the core of our success is the relationships we established with our customers and the reputation of our products. HD Electric has a complete range of quality, field-proven and dependable products that test, measure and control electric power.

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# DOUBLE VISION® DUAL DISPLAY DIGITAL VOLTMETER/PHASING SET



## FEATURES

- Measures voltage and performs phasing operations from 5V to 40kV
- Two large displays are synchronized with the same voltage reading shown
- Versatile for overhead and underground applications
- Capacitive Test Point and Peak Hold modes
- Tests for leakage current in cable fault test mode with available accessory

## SPECIFICATIONS

Operating Voltage Range	5V to 40kV line-to-ground or line-to-line
Operating Frequency	AC 25–1000Hz or DC
Accuracy	Within 1% of reading +/- 3 counts
LED Numeral Height	0.7", indicates 3 digits
Battery	9V lithium or alkaline, one in each display housing
Battery Life	8 hours of continuous use under normal conditions
Operating Temperature Range	-20°F to +120°F (-29°C to +49°C)
Weight (Without Probes)	4.02 lb (1.82 kg)
Dimensions (Without Probes)	14" L x 4" H x 4 5/8" W (36 cm x 10 cm x 11 cm)
Coiled Cord Length	Retracted: 3.5' (1.7 cm); Extended: 12' (3.6 cm)
Cord Voltage Rating	Up to 20kV

# TEST & MEASUREMENT – HIGH VOLTAGE

## PROBES AND ACCESSORIES

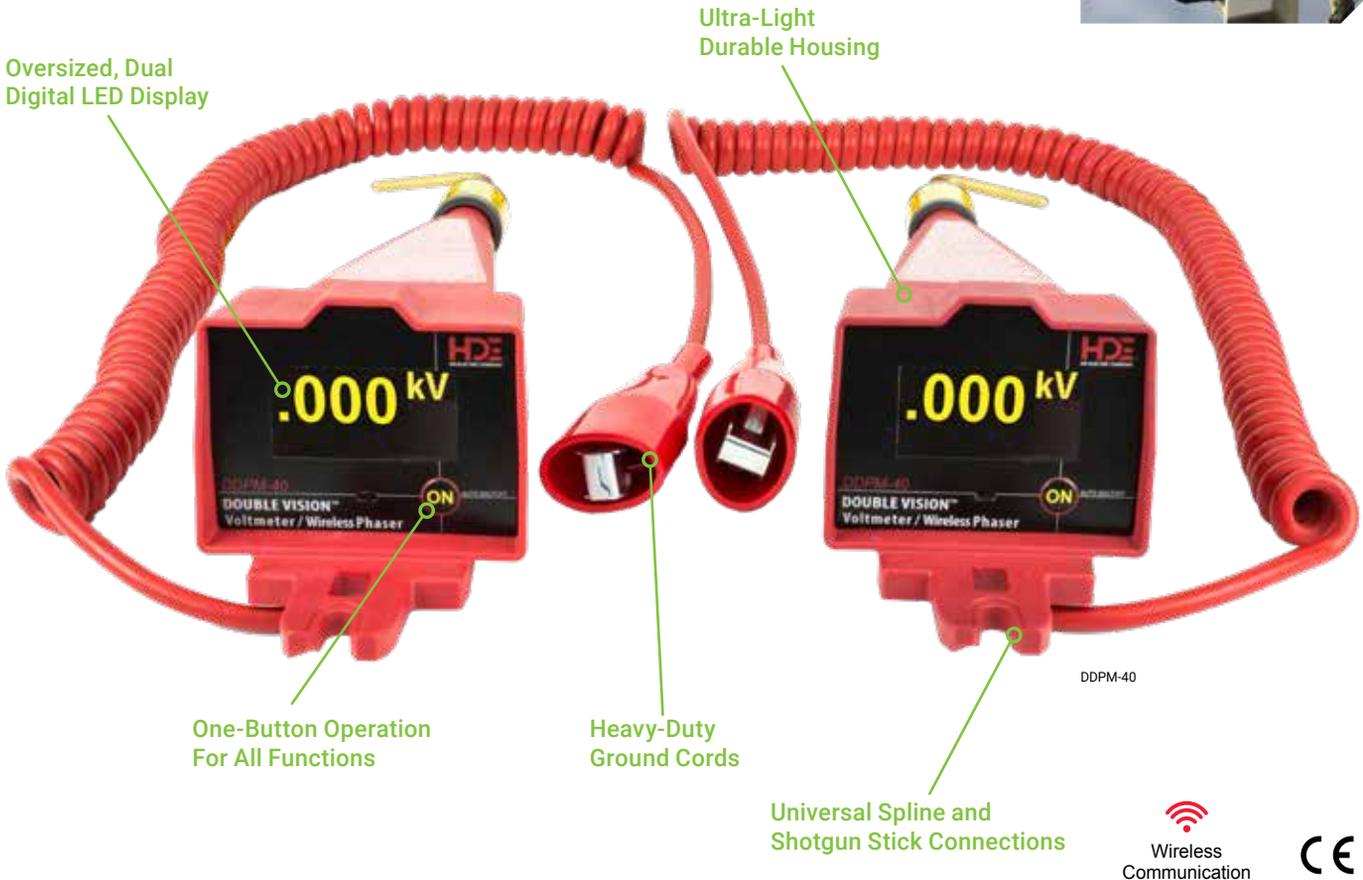
Overhead Probes	Underground Dead Front Bushing Probes	Insulated Underground Probe	Underground Elbow Probe	Cable Fault Testing Bushing	Proof Tester® Voltmeter/Phaser Tester	Extension Hot Sticks
						
025-OLPS-5 (l); 025-OLPS-6 (r)	ASP-15/25 (l); ASP-35U (r)	GCP-1	EA-15/25	CFT-35	PT-5000B	Different Lengths and Telescopic Hot Sticks Available

CAT. NO.	UPC NO.	DESCRIPTION
DDVM-40	783310081111	Includes DDVM-40 with (2) 025-OLPS-5 Overhead Hook Probes and CS-DDVM Case
DDVM-40/K01	783310081128	Kit Includes DDVM-40 with (2) 025-OLPS-5 Overhead Hook Probes, (1) PT-5000B Proof Tester Voltmeter Tester and CS-DDVM Case
DDVM-40/K02	783310081135	Kit Includes DDVM-40 with (2) 025-OLPS-5 Overhead Hook Probes, (1) PT-5000B Proof Tester Voltmeter Tester, (2) ASP-15/25 UG Bushing Probes and CS-DDVM Case
DDVM-40/K03	783310081142	Kit Includes DDVM-40 with (2) 025-OLPS-5 Overhead Hook Probes, (1) PT-5000B Proof Tester Voltmeter Tester, (2) ASP-15/25 UG Bushing Probes, (1) CFT-35 Cable Fault Tester and CS-DDVM Case
025-OLPS-5	783310555834	Overhead Brass Hook Probe
025-OLPS-6	783310555841	Overhead Brass Pigtail Probe
ASP-15/25	783310055297	15kV and 25kV Class Insulated Underground Probe for Loadbreak Bushings
ASP-35U	783310555773	35kV Insulated Underground Probe for Loadbreak Bushings Designed for Both Elastimold® and Cooper® (RTE) Bushings
GCP-1	783310555803	General Contact Underground Distribution Probe
EA-15/25	783310555797	15kV and 25kV Class Underground Loadbreak Elbow Probe
CFT-35	783310555780	Cable Fault Tester for Use up to 35kV System Voltages (21kV Phase-to-Ground)
PT-5000B	783310628392	Proof Tester Voltmeter Tester Confirms Proper Operation – 9V Battery Operated – 5000V Output
S-4H	783310628439	4' Extension Hot Stick with Universal Splines, Foam Filled, 1-1/4" Diameter Fiberglass
S-6H	783310628446	6' Extension Hot Stick with Universal Splines, Foam Filled, 1-1/4" Diameter Fiberglass
B-4	783310555667	Vinyl Carrying Bag for (2) 4' Extension Hot Sticks
B-6	783310555674	Vinyl Carrying Bag for (2) 6' Extension Hot Sticks
CS-DDVM	783310555698	Plastic Carrying Case

**NOTE:** The use of a hot stick is required. Other kits are available.

# DOUBLE VISION® DUAL DISPLAY PHASING VOLTMETER

**NEW**



## FEATURES

- Measures voltage from 5V to 43kV line-to-line
- Can be used individually as voltmeters or together for phasing operations up to 100 ft (30 m) apart
- Clear indication of phase angle
- Two LED displays are automatically synchronized during phasing operations
- Versatile for overhead and underground applications
- Capacitive Test Point and Peak Hold modes

## SPECIFICATIONS

Operating Voltage Range	5V–43kV line-to-line, 5V–25kV line-to-ground, AC 25–1000Hz or DC
Phasing Frequency	50/60Hz
Accuracy	Within 1% of reading +/- 3 counts (line-to-ground & line-to-line measurements)
LED Numeral Height	0.7", indicates 3 digits
Battery	9V lithium or alkaline, one in each display housing
Battery Life	8 hours of continuous use under normal conditions
Operating Temperature Range	-20°F to +120°F (-29°C to +49°C)
Weight (Without Probes)	2.25 lb (1.02 kg) each unit
Dimensions (Without Probes)	14" L x 4.1" H x 4.6" W (36 cm x 10 cm x 12 cm)
Coiled Cord Length	Retracted: 3.5' (1.7 m); Extended: 12' (3.6 m)
Cord Voltage Rating	Up to 20kV

# TEST & MEASUREMENT – HIGH VOLTAGE

## PROBES AND ACCESSORIES

Overhead Probes	Underground Dead Front Bushing Probes	Insulated Underground Probe	Underground Elbow Probe	Proof Tester® Voltmeter/Phaser Tester	Extension Hot Sticks
025-OLPS-5 (l); 025-OLPS-6 (r)	ASP-15/25 (l); ASP-35U (r)	GCP-1	EA-15/25	PT-5000B	Different Lengths and Telescopic Hot Sticks Available

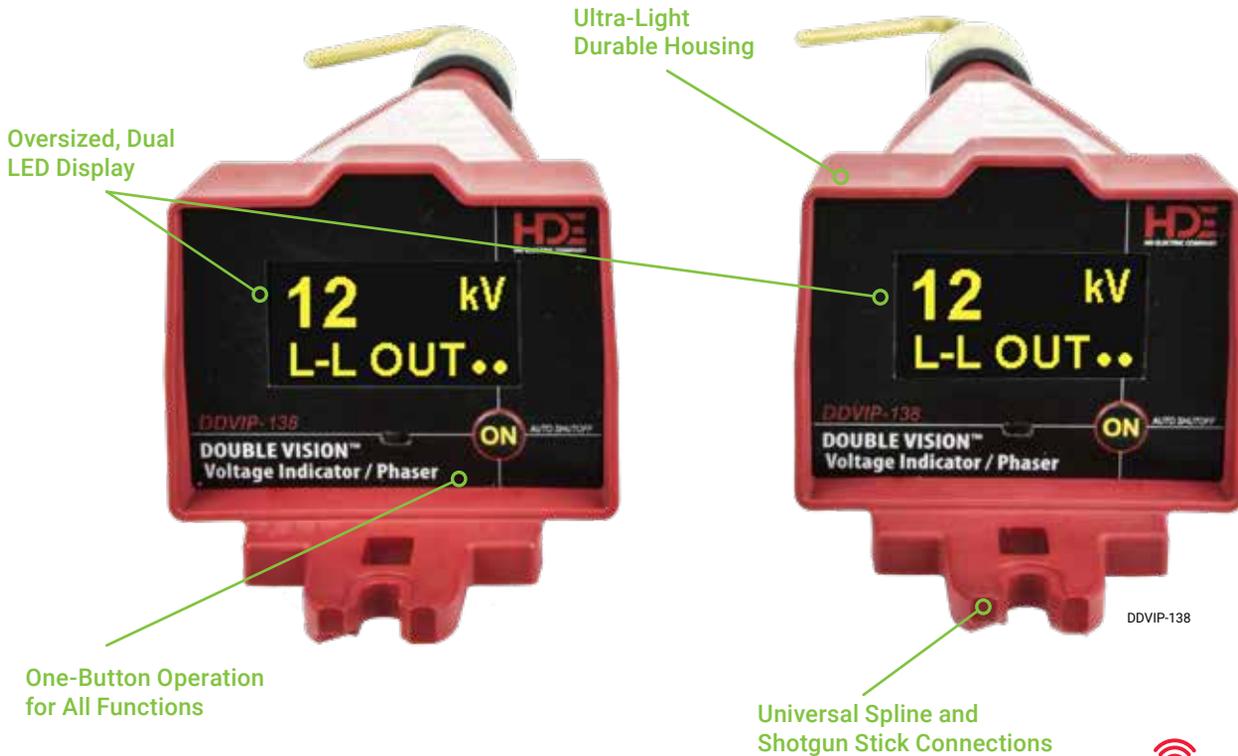
CAT. NO.	UPC NO.	DESCRIPTION	INCLUDED ACCESSORIES					
			025-OLPS-5	ASP-15/25	ASP-35U	PT-5000B	CS-SVM	CS-DDVM
<b>N</b> DDPM-40S	783310042914	Dual Display Wireless Phasing Meter 5V-43kV, OH Single Kit, Base	1	0	0	0	1	0
DDPM-40S/K01	783310042938	Dual Display Wireless Phasing Meter 5V-43kV, OH Single Kit 1	1	0	0	1	1	0
DDPM-40S/K02	783310042945	Dual Display Wireless Phasing Meter 5V-43kV, OH/UG Single Kit 1	1	1	0	1	1	0
DDPM-40S/K03	783310042952	Dual Display Wireless Phasing Meter 5V-43kV, OH/UG Single Kit 2	1	1	1	1	0	1
DDPM-40	783310081159	Dual Display Wireless Phasing Meter 5V-43kV, OH Kit, Base	2	0	0	0	0	1
DDPM-40/K01	783310081166	Dual Display Wireless Phasing Meter 5V-43kV, OH Kit 1	2	0	0	1	0	1
DDPM-40/K02	783310081173	Dual Display Wireless Phasing Meter 5V-43kV, OH/UG Kit 1	2	2	0	1	0	1
DDPM-40/K03	783310042907	Dual Display Wireless Phasing Meter 5V-43kV, OH/UG Kit 2	2	2	2	1	0	1
025-OLPS-5	783310555834	Overhead Brass Hook Probe						
025-OLPS-6	783310555841	Overhead Brass Pigtail Probe						
ASP-15/25	783310055297	15kV and 25kV Class Insulated Underground Probe for Loadbreak Bushings						
ASP-35U	783310555773	35kV Insulated Underground Probe for Loadbreak Bushings Designed for Both Elastimold® and Cooper® (RTE) Bushings						
GCP-1	783310555803	General Contact Underground Distribution Probe						
EA-15/25	783310555797	15kV and 25kV Class Underground Loadbreak Elbow Probe						
PT-5000B	783310628392	Proof Tester Voltmeter Tester – Confirms Proper Operation						
S-4H	783310628439	4' Extension Hot Stick with Universal Splines, Foam Filled, 1-1/4" Diameter Fiberglass						
S-6H	783310628446	6' Extension Hot Stick with Universal Splines, Foam Filled, 1-1/4" Diameter Fiberglass						
CS-SVM	783310555704	Plastic Carrying Case for DDPM-40S and Kits						
CS-DDVM	783310555698	Plastic Carrying Case for DDPM-40 and Kits						

**NOTE:** The use of a hot stick is required. Other kits and telescopic hot sticks are available.

# DOUBLE VISION® DUAL DISPLAY VOLTAGE INDICATING PHASER



**NEW**



Wireless Communication  

**FEATURES**

- Measures voltage from 100V to 138kV line-to-line
- Can be used individually as voltage indicators or together for phasing operations up to 100 ft (30 m) apart
- Two LED displays are automatically synchronized during phasing operations
- Clear in-phase and out-of-phase indication
- Versatile for overhead and underground applications
- Capacitive Test Point and Peak Hold modes

**SPECIFICATIONS**

Operating Voltage Range	100V–138kV line-to-line, 100V–80kV line-to-ground, AC 50/60Hz
Phasing Frequency	50/60Hz
Accuracy	Within 15%, dependent on geometry
LED Numeral Height	0.7", indicates 3 digits
Battery	9V lithium or alkaline, one in each display housing
Battery Life	8 hours of continuous use under normal conditions
Operating Temperature Range	-20°F to +120°F (-29°C to +49°C)
Weight (Each Unit, Without Probe)	1.6 lb (0.7 kg)
Dimensions (Without Probes)	14" L x 4.6" W x 4.1" H (36 cm x 12 cm x 10 cm)

# TEST & MEASUREMENT – HIGH VOLTAGE

## PROBES AND ACCESSORIES

Overhead Probes	Underground Dead Front Bushing Probes	Insulated Underground Probe	Underground Elbow Probe	Proof Tester® Voltmeter/Phaser Tester	Extension Hot Sticks
					
025-OLPS-5 (l); 025-OLPS-6 (r)	ASP-15/25 (l); ASP-35U (r)	GCP-1	EA-15/25	PT-DDVIP	Different Lengths and Telescopic Hot Sticks Available

CAT. NO.	UPC NO.	DESCRIPTION	INCLUDED ACCESSORIES					
			025-OLPS-5	ASP-15/25	ASP-35U	PT-DDVIP	CS-SVM	CS-DDVM
<b>N</b> DDVIP-138S	783310043027	Dual Display Wireless Voltage Indicating Phaser 100V-138kV, OH Single Kit, Base	1	0	0	0	1	0
DDVIP-138S/K01	783310043034	Dual Display Wireless Voltage Indicating Phaser 100V-138kV, OH Single Kit 1	1	0	0	1	1	0
DDVIP-138S/K02	783310043041	Dual Display Wireless Voltage Indicating Phaser 100V-138kV, OH/UG Single Kit 1	1	1	0	1	1	0
DDVIP-138S/K03	783310043058	Dual Display Wireless Voltage Indicating Phaser 100V-138kV, OH/UG Single Kit 2	1	1	1	1	0	1
DDVIP-138	783310042976	Dual Display Wireless Voltage Indicating Phaser 100V-138kV, OH Kit, Base	2	0	0	0	0	1
DDVIP-138/K01	783310042983	Dual Display Wireless Voltage Indicating Phaser 100V-138kV, OH Kit 1	2	0	0	1	0	1
DDVIP-138/K02	783310042990	Dual Display Wireless Voltage Indicating Phaser 100V-138kV, OH/UG Kit 1	2	2	0	1	0	1
DDVIP-138/K03	783310043003	Dual Display Wireless Voltage Indicating Phaser 100V-138kV, OH/UG Kit 2	2	2	2	1	0	1
025-OLPS-5	783310555834	Overhead Brass Hook Probe						
025-OLPS-6	783310555841	Overhead Brass Pigtail Probe						
ASP-15/25	783310055297	15kV and 25kV Class Insulated Underground Probe for Loadbreak Bushings						
ASP-35U	783310555773	35kV Insulated Underground Probe for Loadbreak Bushings Designed for Both Elastimold® and Cooper® (RTE) Bushings						
GCP-1	783310555803	General Contact Underground Distribution Probe						
EA-15/25	783310555797	15kV and 25kV Class Underground Loadbreak Elbow Probe						
PT-DDVIP	783310555858	Proof Tester Voltage Indicating Phaser Tester – Confirms Proper Operation						
S-4H	783310628439	4' Extension Hot Stick with Universal Spline, Foam Filled, 1-1/4" Diameter Fiberglass						
S-6H	783310628446	6' Extension Hot Stick with Universal Spline, Foam Filled, 1-1/4" Diameter Fiberglass						
CS-SVM	783310555704	Plastic Carrying Case for DDVIP-138S and Kits						
CS-DDVM	783310555698	Plastic Carrying Case for DDVIP-138 and Kits						

**NOTE:** The use of a hot stick is required. Other kits and telescopic hot sticks are available.

# SINGLE STICK DIGITAL VOLTMETER



**NEW**



## FEATURES

- Measures voltage from 5V to 25kV line-to-line
- Large, easy to read LED display
- Versatile for overhead and underground applications
- Capacitive Test Point and Peak Hold modes

## SPECIFICATIONS

Operating Voltage Range	5V to 25kV line-to-ground
Operating Frequency	25-1000Hz
Accuracy	Within 1% of reading +/- 3 counts
LED Numeral Height	0.7", indicates 3 digits
Battery	9V lithium or alkaline
Battery Life	8 hours continuous use under normal operating conditions
Operating Temperature Range	-20°F to +120°F (-29°C to +49°C)
Weight (Without Probes)	2.25 lb (1.02 kg)
Dimensions (Without Probes)	14" L x 4.6" W x 4.1" H (36 cm x 12 cm x 10 cm)
Coiled Cord Length	Retracted: 3.5' (1.7 m); Extended: 12' (3.6 m)
Cord Voltage Rating	Up to 20kV

# TEST & MEASUREMENT – HIGH VOLTAGE

## PROBES AND ACCESSORIES

Overhead Probes	Underground Dead Front Bushing Probes	Insulated Underground Probe	Underground Elbow Probe	Proof Tester® Voltmeter/Phaser Tester	Extension Hot Sticks
					
025-OLPS-5 (l); 025-OLPS-6 (r)	ASP-15/25	GCP-1	EA-15/25	PT-5000B	Different Lengths and Telescopic Hot Sticks Available

CAT. NO.	UPC NO.	DESCRIPTION
<b>N</b> SVM-25	783310555407	Includes SVM-25, (1) 025-OLPS-5 Overhead Brass Hook Probe and CS-SVM Case
SVM-25/K01	783310555414	Kit Includes SVM-25, (1) 025-OLPS-5 Overhead Brass Hook Probe, (1) PT-5000B Proof Tester Voltmeter Tester and CS-SVM Case
SVM-25/K02	783310555421	Kit Includes SVM-25, (1) 025-OLPS-5 Overhead Brass Hook Probe, (1) ASP-15/25 UG Bushing Probe, (1) PT-5000B Proof Tester Voltmeter Tester and CS-SVM Case
025-OLPS-5	783310555834	Overhead Brass Hook Probe
025-OLPS-6	783310555841	Overhead Brass Pigtail Probe
ASP-15/25	783310055297	15kV and 25kV Class Insulated Underground Probe for Loadbreak Bushings
GCP-1	783310555803	General Contact Underground Distribution Probe
EA-15/25	783310555797	15kV and 25kV Class Underground Loadbreak Elbow Probe
PT-5000B	783310628392	Proof Tester Voltmeter Tester Confirms Proper Operation. 9V Battery Operated. 5000V Output
S-4H	783310628439	4' Extension Hot Stick with Universal Spline, Foam Filled, 1-1/4" Diameter Fiberglass
S-6H	783310628446	6' Extension Hot Stick with Universal Spline, Foam Filled, 1-1/4" Diameter Fiberglass
B-4	783310555667	Vinyl Carrying Bag for (2) 4' Extension Hot Sticks
B-6	783310555674	Vinyl Carrying Bag for (2) 6' Extension Hot Sticks
CS-SVM	783310555704	Plastic Carrying Case
B-30	783310055419	Carrying Bag with Fluorescent/Reflective Safety Stripes and Carrying Strap

**NOTE:** The use of a hot stick is required. Other kits are available.

# DIGIVOLT® DIGITAL VOLTMETERS



DVM-80, DVM-80T

## FEATURES

- Measures voltage and performs phasing operations from 50V to 40kV and up to 80kV with add-on resistors
- Provides consistent high accuracy voltage measurements – within 1% of reading
- Auto-ranging – no settings required
- Capacitive Test Point mode available
- Auto-shutoff and low battery indicator features
- Versatile for overhead and underground applications

## SPECIFICATIONS

Operating Voltage Range	50V–40kV up to 80kV with add-on resistors (multiply reading by a factor of two)
Operating Frequency	25–1000Hz AC/DC
Accuracy	Within 1% of reading +/- 3 counts (line-to-ground measurements)
Accuracy With Add-On Resistors	Within 2% of reading +/- 3 counts (line-to-ground & line-to-line measurements)
LCD Numeral Height	0.4", indicates 3.5 digits
Battery	9V lithium or alkaline
Battery Life	17 hours continuous use under normal operating conditions
Operating Temperature Range	-13°F to +131°F (-25°C to +55°C)
Weight (Without Probes)	2.25 lb (1.02 kg)
Dimensions (Without Probes)	15" (38 cm)
Display Housing Dimensions	5" W x 4.25" L x 1.38" H (13 cm x 11 cm x 3.5 cm)
Diameter Of Fiberglass	1" (2.54 cm)
Coiled Cord Length	Retracted: 3.5' (1.7 m); Extended: 12' (3.6 m)
Cord Voltage Rating	Up to 10kV

# TEST & MEASUREMENT – HIGH VOLTAGE

## PROBES AND ACCESSORIES

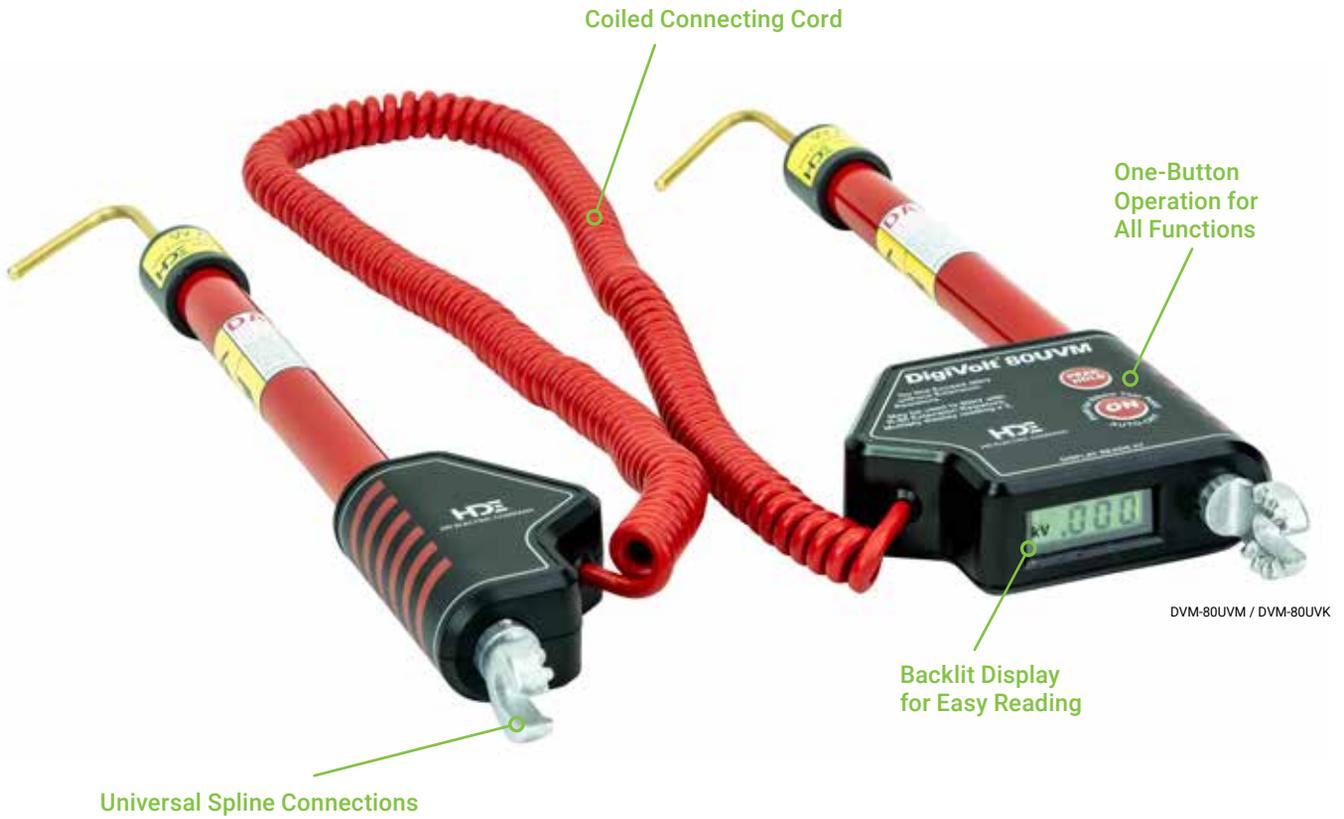
Overhead Probes	Add-On Resistor	Underground Dead Front Bushing Probes	Insulated Underground Probe	Underground Elbow Probe	Cable Fault Testing Bushing	Proof Tester® Voltmeter/ Phaser Tester	Extension Hot Sticks	Hot Stick Adapter
								
025-OLPS-5 (l); 025-OLPS-6 (r)	R-80	ASP-15/25 (l); ASP-35U (r)	GCP-1	EA-15/25	CFT-35	PT-5000B	Different Lengths and Telescopic Hot Sticks Available	HSA-2500

CAT. NO.	UPC NO.	DESCRIPTION	ACCESSORIES INCLUDED			
			025-OLPS-5	R-80	PT-5000B	CS-DVM
DVM-80	783310053439	Dual Stick Phasing Voltmeter, 50V-40kV	2	–	–	1
DVM-80/K02	783310053699	Dual Stick Phasing Voltmeter, 50V-40kV (up to 80kV with Resistors)	2	2	1	1
DVM-80/K03	783310053705	Dual Stick Phasing Voltmeter, 50V-40kV (up to 80kV with Resistors)	2	2	–	1
DVM-80T	783310053446	Dual Stick Phasing Voltmeter w/Capacitive Test Point Mode, 50V-40kV	2	–	–	1
DVM-80T/K02	783310053712	Dual Stick Phasing Voltmeter w/Capacitive Test Point Mode, 50V-40kV (up to 80kV with Resistors)	2	2	1	1
DVM-80T/K03	783310053743	Dual Stick Phasing Voltmeter w/Capacitive Test Point Mode, 50V-40kV (up to 80kV with Resistors)	2	2	–	1

CAT. NO.	UPC NO.	DESCRIPTION
025-OLPS-5	783310555834	Overhead Brass Hook Probe
025-OLPS-6	783310555841	Overhead Brass Pigtail Probe
R-80	783310555827	Add-On Resistor Stick for DVM-80 Series (Pair Required)
ASP-15/25	783310055297	15kV and 25kV Class Insulated Underground Probe for Loadbreak Bushings
ASP-35U	783310555773	35kV Insulated Underground Probe for Loadbreak Bushings Designed for Both Elastimold® and Cooper® (RTE) Bushings
GCP-1	783310555803	General Contact Underground Distribution Probe
EA-15/25	783310555797	15kV and 25kV Class Underground Loadbreak Elbow Probe
CFT-35	783310555780	Cable Fault Tester for Use up to 35kV System Voltages (21kV Phase-to-Ground)
PT-5000B	783310628392	Proof Tester Voltmeter Tester Confirms Proper Operation. 9V Battery Operated. 5000V Output
S-4H	783310628439	4' Extension Hot Stick with Universal Spline, Foam Filled, 1-1/4" Diameter Fiberglass
S-6H	783310628446	6' Extension Hot Stick with Universal Spline, Foam Filled, 1-1/4" Diameter Fiberglass
B-4	783310555667	Vinyl Carrying Bag for (2) 4' Extension Hot Sticks
B-6	783310555674	Vinyl Carrying Bag for (2) 6' Extension Hot Sticks
HSA-2500	783310054818	Universal Hot Stick Adapter (Shotgun)
CS-DVM	783310555711	Plastic Carrying Case

**NOTE:** The use of a hot stick is required. Other kits are available.

# DIGIVOLT® DIGITAL VOLTMETER



DVM-80UVM / DVM-80UVK



## FEATURES

- Measures voltage and performs phasing operations from 50V to 40kV and up to 80kV with add-on resistors
- Provides consistent high accuracy voltage measurements – within 1% of reading
- Auto-ranging – no settings required
- Capacitive Test Point and Peak Hold modes
- Auto-shutoff and low battery indicator features
- Versatile for overhead and underground applications

## SPECIFICATIONS

Operating Voltage Range	5V–40kV up to 80kV with add-on resistors (multiply reading by a factor of two)
Operating Frequency	25–1000Hz AC/DC
Accuracy	Within 1% of reading +/- 3 counts (line-to-ground and line-to-line measurements)
Accuracy With Add-On Resistors	Within 2% of reading +/- 3 counts (line-to-ground & line-to-line measurements)
LCD Numeral Height	0.4", indicates 3.5 digits
Battery	9V lithium or alkaline
Battery Life	17 hours continuous use under normal operating conditions
Operating Temperature Range	-20°F to +140°F (-29°C to +60°C)
Weight (Without Probes)	2.25 lb (1.02 kg)
Dimensions (Without Probes)	15" (38 cm)
Display Housing Dimensions	5" W x 4.25" L x 1.38" H (13 cm x 11 cm x 3.5 cm)
Diameter Of Fiberglass	1" (2.54 cm)
Coiled Cord Length	Retracted: 3.5' (1.7 m); Extended: 12' (3.6 m)
Cord Voltage Rating	Up to 10kV

# TEST & MEASUREMENT – HIGH VOLTAGE

## PROBES AND ACCESSORIES

Overhead Probes	Add-On Resistor	Underground Dead Front Bushing Probes	Insulated Underground Probe	Underground Elbow Probe	Cable Fault Testing Bushing	Proof Tester® Voltmeter/ Phasor Tester	Extension Hot Sticks	Hot Stick Adapter
								
025-OLPS-5 (l); 025-OLPS-6 (r)	R-80	ASP-15/25 (l); ASP-35U (r)	GCP-1	EA-15/25	CFT-35	PT-5000B	Different Lengths and Telescopic Hot Sticks Available	HSA-2500

CAT. NO.	UPC NO.	DESCRIPTION
DVM-80UVK	783310628286	Universal Voltmeter Kit Includes DVM-80UVM, (2) 025-OLPS-5 Overhead Brass Hook Probes, (2) R-80 Resistor Sticks, (2) ASP-15/25 UG Bushing Probes, (1) CFT-35 Cable Fault Tester, (2) HSA-2500 Universal Hot Stick Adapters, (1) PT-5000B Proof Tester Voltmeter Tester and B-12 Carrying Bag
DVM-80UVM	783310628293	Dual Stick Phasing Voltmeter w/Peak Hold and Capacitive Test Point Mode, 5V-40kV (up to 80kV When Used with Optional R-80 Resistors); Includes (2) 025-OLPS-5 Overhead Brass Hook Probes and CS-DVM Case
025-OLPS-5	783310555834	Overhead Brass Hook Probe (Included in Kit)
025-OLPS-6	783310555841	Overhead Brass Pigtail Probe
R-80	783310555827	Add-On Resistor Stick for DVM-80UVM (Pair Required – Included in Kit)
ASP-15/25	783310055297	15kV and 25kV Class Insulated Underground Probe for Loadbreak Bushings (Included in Kit)
ASP-35U	783310555773	35kV Insulated Underground Probe for Loadbreak Bushings Designed for Both Elastimold® and Cooper® (RTE) Bushings
GCP-1	783310555803	General Contact Underground Distribution Probe
EA-15/25	783310555797	15kV and 25kV Class Underground Loadbreak Elbow Probe
CFT-35	783310555780	Cable Fault Tester for Use up to 35kV System Voltages / 21kV Phase-to-Ground (Included in Kit)
PT-5000B	783310628392	Proof Tester Voltmeter Tester Confirms Proper Operation. 9V Battery Operated. 5000V Output (Included in Kit)
S-4H	783310628439	4' Extension Hot Stick with Universal Spline, Foam Filled, 1-1/4" Diameter Fiberglass
S-6H	783310628446	6' Extension Hot Stick with Universal Spline, Foam Filled, 1-1/4" Diameter Fiberglass
HSA-2500	783310054818	Universal Hot Stick Adapter (Shotgun – Included in Kit)
B-4	783310555667	Vinyl Carrying Bag for (2) 4' Extension Hot Sticks
B-6	783310555674	Vinyl Carrying Bag for (2) 6' Extension Hot Sticks
B-12	783310555681	Soft Sided Carrying Bag with Hanging Hook (Included in Kit)
CS-DVM	783310555711	Plastic Carrying Case for DVM-80UVM

**NOTE:** The use of a hot stick is required.

# DIGIVOLT® SINGLE STICK DIGITAL VOLTMETER



## FEATURES

- Measures voltage from 50V to 25kV
- Auto-ranging – no settings required
- Capacitive Test Point mode
- Auto-shutoff and low battery indicator features
- Versatile for overhead and underground applications

## SPECIFICATIONS

Operating Voltage Range	50V–25kV
Operating Frequency	25–1000Hz AC/DC
Accuracy	Within 1% of reading +/- 3 counts (line-to-ground measurements)
LCD Numeral Height	0.4", indicates 3.5 digits
Battery	9V lithium or alkaline
Battery Life	17 hours continuous use under normal operating conditions
Operating Temperature Range	-13°F to +131°F (-25°C to +55°C)
Weight (Without Probes)	2 lb (0.9 kg)
Dimensions (Without Probes)	15" (38 cm)
Display Housing Dimensions	5" W x 4.25" L x 1.38" H (13 cm x 11 cm x 3.5 cm)
Diameter of Fiberglass	1" (2.54 cm)
Coiled Cord Length	Retracted: 3.5' (1.7 m); Extended: 12' (3.6 m)
Cord Voltage Rating	Up to 10kV

# TEST & MEASUREMENT – HIGH VOLTAGE

## PROBES AND ACCESSORIES

Overhead Probes	Underground Dead Front Bushing Probes	Insulated Underground Probe	Underground Elbow Probe	Proof Tester® Voltmeter/Phaser Tester	Extension Hot Sticks	Hot Stick Adapter
						
025-OLPS-5 (l); 025-OLPS-6 (r)	ASP-15/25	GCP-1	EA-15/25	PT-5000B	Different Lengths and Telescopic Hot Sticks Available	HSA-2500

CAT. NO.	UPC. NO.	DESCRIPTION
DVM-25T	783310053484	Single Stick Voltmeter w/Capacitive Test Point Mode, 50V-25kV; Includes (1) 025-OLPS-5 Overhead Brass Hook Probe and CS-DVM Case
025-OLPS-5	783310555834	Overhead Brass Hook Probe
025-OLPS-6	783310555841	Overhead Brass Pigtail Probe
ASP-15/25	783310055297	15kV and 25kV Class Insulated Underground Probe for Loadbreak Bushings
GCP-1	783310555803	General Contact Underground Distribution Probe
EA-15/25	783310555797	15kV and 25kV Class Underground Loadbreak Elbow Probe
PT-5000B	783310628392	Proof Tester Voltmeter Tester Confirms Proper Operation. 9V Battery Operated. 5000V Output
S-4H	783310628439	4' Extension Hot Stick with Universal Spline, Foam Filled, 1-1/4" Diameter Fiberglass
S-6H	783310628446	6' Extension Hot Stick with Universal Spline, Foam Filled, 1-1/4" Diameter Fiberglass
B-4	783310555667	Vinyl Carrying Bag for (2) 4' Extension Hot Sticks
B-6	783310555674	Vinyl Carrying Bag for (2) 6' Extension Hot Sticks
HSA-2500	783310054818	Universal Hot Stick Adapter (Shotgun)
CS-DVM	783310555711	Plastic Carrying Case

**NOTE:** The use of a hot stick is required. Other kits are available.

# DIGIVOLT® LOW VOLTAGE DIGITAL VOLTMETER/PHASING SET



## FEATURES

- Measures voltage from 10V to 5,000V
- Complies with NFPA-70E standard for arc flash protection
- Displays 4 digits, showing the true RMS voltage
- Versatile for overhead and underground applications

## SPECIFICATIONS

Operating Voltage Range	10V–5,000V
Operating Frequency	50–1000Hz AC/DC
Accuracy	Within 1% of reading +/- 5 counts (line-to-ground & line-to-line measurements)
LCD Numeral Height	0.4", indicates 3.5 digits
Battery	9V lithium or alkaline
Battery Life	17 hours continuous use under normal operating conditions
Operating Temperature Range	-13°F to +131°F (-25°C to +55°C)
Weight (Without Probes)	2.25 lb (1.02 kg)
Dimensions	15" (38 cm)
Display Housing Dimensions	5" W x 4.25" L x 1.38" H (13 cm x 11 cm x 3.5 cm)
Diameter of Fiberglass	1" (2.54 cm)
Coiled Cord Length	Retracted: 3.5' (1.7 m); Extended: 12' (3.6 m)
Cord Voltage Rating	Up to 10kV

# TEST & MEASUREMENT – HIGH VOLTAGE

## PROBES AND ACCESSORIES

Proof Tester® Voltmeter/Phaser Tester	Extension Hot Sticks	Hot Stick Adapter
		
PT-500	Different Lengths and Telescopic Hot Sticks Available	HSA-2500

CAT. NO.	UPC. NO.	DESCRIPTION
DVM-5000V	783310053460	Low Voltage Phasing Voltmeter with Fixed Contact Probes, 10V-5,000V; Includes CS-DVM5000V Case
DVM-5000V/K01	783310555438	Low Voltage Phasing Voltmeter with Fixed Contact Probes, 10V-5,000V; Includes (2) UTH-8, (1) PT-500 Proof Tester Voltmeter Tester and CS-DVM Case
PT-500	783310555865	Voltmeter Proof Tester Confirms Proper Operation. 9V Battery Operated. 500V Output
UTH-8	783310555636	Universal Tool Handle
S-4H	783310628439	4' Extension Hot Stick with Universal Spline, Foam Filled, 1-1/4" Diameter Fiberglass
S-6H	783310628446	6' Extension Hot Stick with Universal Spline, Foam Filled, 1-1/4" Diameter Fiberglass
B-4	783310555667	Vinyl Carrying Bag for (2) 4' Extension Hot Sticks
B-6	783310555674	Vinyl Carrying Bag for (2) 6' Extension Hot Sticks
HSA-2500	783310054818	Universal Hot Stick Adapter (Shotgun)
CS-DVM5000V	783310555735	Plastic Carrying Case for DVM-5000V
CS-DVM	783310555711	Plastic Carrying Case

**NOTE:** The use of a hot stick is required. Other kits are available.

# MARK® AND EM SERIES ANALOG VOLTMETERS/PHASING SETS



## FEATURES

- Dual stick MARK series measure voltage and perform phasing operations from 0V to 75kV
- Single stick EM series measure voltage from 0V to 25kV
- No batteries or calibration required
- Determines in-phase or out-of-phase
- Determines underground cable faults
- Discharges underground cables and other equipment that hold capacitive charges
- Versatile for overhead and underground applications

## SPECIFICATIONS

Operating Frequency	Measures DC through 1000Hz AC RMS
Accuracy	3% of full scale
Meter Face Size	3" (7.6 cm)
Battery	None
Operating Temperature Range	-20°F to +140°F (-29°C to +60°C)
Meter Housing Dimensions	5" W x 4.25" L x 1.38" H (13 cm x 11 cm x 3.5 cm)
Diameter of Fiberglass	1" (2.54 cm)
Coiled Cord Length	Retracted: 3.5' (1.7 m); Extended: 12' (3.6 m)
Cord Voltage Rating	Up to 10kV

Model	Length with Probe(s)	Weight with Hook Probe(s)	Model	Length with Probe(s)	Weight with Hook Probe(s)	Model	Length with Probe(s)	Weight with Hook Probe(s)
MARK-I-S	23" (58 cm)	4.9 lb (2.2 kg)	MARK-VII	23" (58 cm)	4.9 lb (2.2 kg)	EM-1	28" (71 cm)	3.7 lb (1.7 kg)
MARK-II-S	32" (81 cm)	5.7 lb (2.6 kg)	MARK-VIII	26.5" (67 cm)	6.2 lb (2.8 kg)	EM-2	34" (86 cm)	4.0 lb (1.8 kg)
MARK-III-S	23" (58 cm)	4.9 lb (2.2 kg)	MARK-IX	27" (69 cm)	5.2 lb (2.4 kg)	EM-3	30" (76 cm)	3.9 lb (1.8 kg)
MARK-IV	23" (58 cm)	4.9 lb (2.2 kg)	MARK-XI	27" (69 cm)	5.2 lb (2.4 kg)			
MARK-V	23" (58 cm)	4.9 lb (2.2 kg)	MARK-XII	31" (79 cm)	5.7 lb (2.6 kg)			
MARK-VI	23" (58 cm)	4.9 lb (2.2 kg)						

# TEST & MEASUREMENT – HIGH VOLTAGE

## PROBES AND ACCESSORIES

Overhead Probes	Add-On Resistors	Underground Dead Front Bushing Probes	Insulated Underground Probe	Underground Elbow Probe	Cable Fault Testing Bushing	Proof Tester® Voltmeter/ Phasor Tester	Extension Hot Sticks	Hot Stick Adapter
								
025-OLPS-5 (l); 025-OLPS-6 (r)	R-45 R-75	ASP-15/25 (l); ASP-35U (r)	GCP-1	EA-15/25	CFT-35	PT-5000B	Different Lengths and Telescopic Hot Sticks Available	HSA-2500

CAT. NO.	UPC. NO.	DESCRIPTION	ACCESSORIES INCLUDED								
			025-OLPS-5	R-45	R-75	ASP-15/25	PT-5000B	S-4H	S-6H	B-6	CM-100/V
MARK-I-S	783310555445	Dual Stick Voltmeter, Single Range, 0-15kV	2	–	–	–	–	–	–	–	1
MARK-I-S/KIT	783310555582	Dual Stick Voltmeter, Single Range, 0-15kV	2	–	–	–	–	2	–	1	1
MARK-II-S	783310555452	Dual Stick Voltmeter, Dual Range, 0-15/0-45kV	2	–	–	–	–	–	–	–	1
MARK-II/KIT	783310555599	Dual Stick Voltmeter, Dual Range, 0-15/0-45kV	2	–	–	2	1	–	2	1	1
MARK-II-S/KIT	783310555605	Dual Stick Voltmeter, Dual Range, 0-15/0-45kV	2	–	–	–	–	–	2	1	1
MARK-III-S	783310555469	Dual Stick Voltmeter, Dual Range, 0-15/0-75kV	2	–	2	–	–	–	–	–	1
MARK-III-S/KIT	783310555612	Dual Stick Voltmeter, Dual Range, 0-15/0-75kV	2	–	2	–	–	–	2	1	1
MARK-IV	783310555476	Dual Stick Voltmeter, Single Range, 0-5kV	2	–	–	–	–	–	–	–	1
MARK-V	783310555483	Dual Stick Voltmeter, Dual Range, 0-5/0-15kV	2	–	–	–	–	–	–	–	1
MARK-V/KIT	783310555629	Dual Stick Voltmeter, Dual Range, 0-5/0-15kV	2	–	–	2	1	2	–	1	1
MARK-VI	783310555490	Dual Stick Voltmeter, Triple Range, 0-5/0-15/0-45kV	2	2	–	–	–	–	–	–	1
MARK-VII	783310555506	Dual Stick Voltmeter, Dual Range, 0-1/0-15kV	2	–	–	–	–	–	–	–	1
MARK-VIII	783310555513	Single/Dual Stick Voltmeter, Single Range, 0-15kV, Convertible to 1 Stick/2 Stick	2	–	–	–	–	–	–	–	1
MARK-IX	783310555520	Dual Stick Voltmeter, Single Range, 0-25kV	2	–	–	–	–	–	–	–	1
MARK-XI	783310555537	Dual Stick Voltmeter, Dual Range, 0-5/0-25kV	2	–	–	–	–	–	–	–	1
MARK-XII	783310555544	Dual Stick Voltmeter, Single Range, 0-40kV	2	–	–	–	–	–	–	–	1
EM-1	783310555551	Single Stick Voltmeter, Single Range, 0-16kV	1	–	–	–	–	–	–	–	–
EM-2	783310555568	Single Stick Voltmeter, Single Range, 0-25kV	1	–	–	–	–	–	–	–	–
EM-3	783310555575	Single Stick Voltmeter, Dual Range, 0-1/0-15kV	1	–	–	–	–	–	–	–	–

CAT. NO.	UPC. NO.	DESCRIPTION
025-OLPS-5	783310555834	Overhead Brass Hook Probe
025-OLPS-6	783310555841	Overhead Brass Pigtail Probe
R-45	783310042860	Add-on Resistor Stick for MARK-VI (pair required)
R-75	783310555810	Add-on Resistor Stick for MARK-III-S (pair required)
ASP-15/25	783310055297	15kV and 25kV Class Insulated Underground Probe for Loadbreak Bushings
ASP-35U	783310555773	35kV Insulated Underground Probe for Loadbreak Bushings Designed for Both Elastimold® and Cooper® (RTE) Bushings
GCP-1	783310555803	General Contact Underground Distribution Probe
EA-15/25	783310555797	15kV and 25kV Class Underground Loadbreak Elbow Probe
CFT-35	783310555780	Cable Fault Tester for Use up to 35kV System Voltages (21kV Phase-to-Ground)

CAT. NO.	UPC. NO.	DESCRIPTION
PT-5000B	783310628392	Proof Tester Voltmeter Tester Confirms Proper Operation. 9V Battery Operated. 5000V Output
S-4H	783310628439	4' Extension Hot Stick with Universal Splines, Foam Filled, 1-1/4" Diameter Fiberglass
S-6H	783310628446	6' Extension Hot Stick with Universal Splines, Foam Filled, 1-1/4" Diameter Fiberglass
HSA-2500	783310054818	Universal Hot Stick Adapter (Shotgun)
B-4	783310555667	Vinyl Carrying Bag for (2) 4' Extension Hot Sticks
B-6	783310555674	Vinyl Carrying Bag for (2) 6' Extension Hot Sticks
CM-100/V	783310556879	Metal Carrying Case for MARK Series Voltmeters, EM-1 and EM-3
C-2	783310555643	Aluminum Carrying Case for EM-2
C-5	783310555650	Aluminum Carrying Case for MARK Series Voltmeters, EM-1 and EM-3

**NOTE:** The use of a hot stick is required. Other kits and telescopic hot sticks are available. Optional cord reel available for MARK Series Voltmeters.

# TAG<sup>®</sup> WIRELESS PHASER



## FEATURES

- Phase conductors on system voltages up to 230kV phase-to-phase
- Range of operation is over 33 ft through the air, over 1,000 ft along overhead conductors
- Perform phasing operations through walls and metal enclosures
- Clear indication of in-phase/out-of-phase conditions with audible and visual indicators
- Rugged and lightweight

## SPECIFICATIONS

Operating Voltage Range	4kV to 230kV line-to-line
Operating Frequency & Phasing	Can be used on 50Hz and 60Hz systems; In Phase Indication For Phase Angle Shift $\leq 10^\circ$ ; No In Phase Indication For Phase Angle $\geq 30^\circ$
Transmission	Radio Frequency: 433.9MHz; Transmission Power: < 10Mw
Transmission Range	More than 33 feet through the air, over 1,000 feet along overhead conductors and underground cables with polyethylene insulation; range is substantially reduced in underground conductors with rubber insulation
Battery	9V lithium or alkaline battery in both transmitter and receiver units
Battery Life	Approximately 1 year of typical use
Operating Temperature Range	-20°F to +120°F (-29°C to +49°C)
Weight (With Overhead Probe)	1.2 lb (0.54 kg) Each Unit
Dimensions (Without Probe)	8.5" L x 3.3" D (22 cm x 8 cm) Each Unit

Available In USA / Canada Only

# TEST & MEASUREMENT – HIGH VOLTAGE

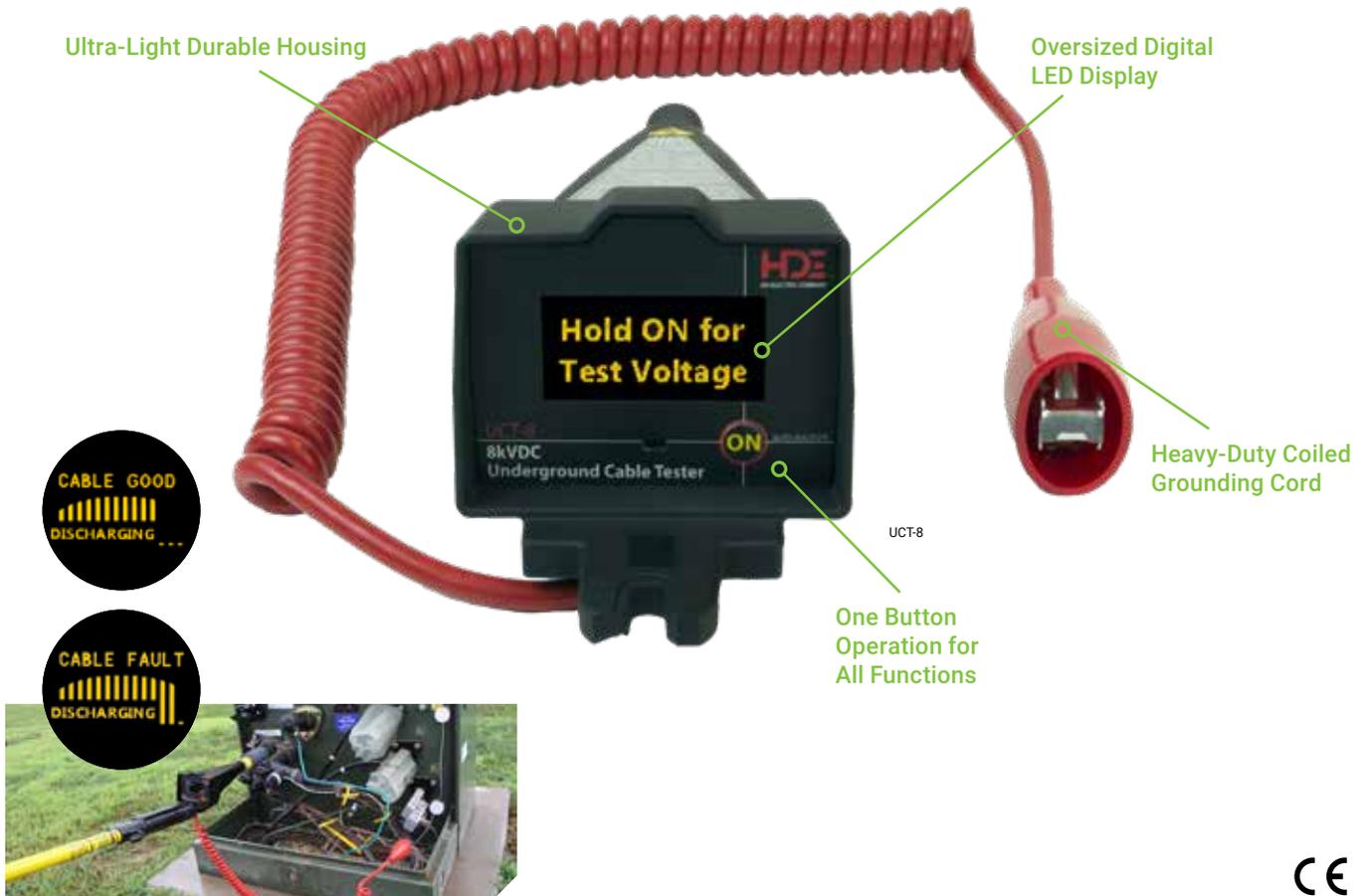
## PROBES AND ACCESSORIES

Overhead Probes	Underground Probes			Extension Hot Sticks	Hot Stick Adapter
					
TAG-42029 (l); TAG-AC60 (r)	IEP-UD/C (l); IEP-EA/C (r)	IEP-EA/C-35 (t); IEP-TAG-EXT (b)	IEP-UDP (l); ASP-15/25 (r)	Different Lengths and Telescopic Hot Sticks Available	HSA-2500

CAT. NO.	UPC. NO.	DESCRIPTION
TAG-5000	783310628453	Wireless Phaser Set 4-230kV; Includes Transmitter and Receiver, (1) TAG-AC60 OH Hook Probe, (1) TAG-42029 OH Y Probe and CM-5000 Case
TAG-5000/KIT1	783310628460	Kit Includes Transmitter and Receiver, (1) TAG-AC60 OH Hook Probe, (1) TAG-42029 OH Y Probe, (2) IEP-UD/C UG Bushing Probes and CM-5000 Case
TAG-42029	783310555889	Overhead "Y" Probe
TAG-AC60	783310555872	Overhead Suspension Hook Probe
IEP-UD/C	783310555902	Underground Bushing Probe, 15, 25 and 35kV Class
IEP-EA/C	783310555919	Underground Elbow Probe, 15, 25 and Elastimold® 35kV Class
IEP-EA/C-35	783310555926	Underground Elbow Probe, 35kV Class
IEP-TAG-EXT	783310555933	Extension Probe, Allows Direct Contact with Bare Conductor
IEP-UDP	783310555940	Probe Adapter, Allows ASP-15/25 to be Installed and Used for Testing Bushings
ASP-15/25	783310055297	15kV and 25kV Class Insulated Underground Probe for Loadbreak Bushings
S-4H	783310628439	4' Extension Hot Stick with Universal Spline, Foam Filled, 1-1/4" Diameter Fiberglass
S-6H	783310628446	6' Extension Hot Stick with Universal Spline, Foam Filled, 1-1/4" Diameter Fiberglass
HSA-2500	783310054818	Universal Hot Stick Adapter (Shotgun)
B-4	783310555667	Vinyl Carrying Bag for (2) 4' Extension Hot Sticks
B-6	783310555674	Vinyl Carrying Bag for (2) 6' Extension Hot Sticks
CM-5000	783310555896	Metal Carrying Case

**NOTE:** The use of a hot stick is required. Other kits and telescopic hot sticks are available. Available in USA / Canada only.

# UNDERGROUND CABLE FAULT TESTER



## FEATURES

- Compact and lightweight solution for underground cable testing
- DC Hi-Pot test of de-energized, shielded underground primary cable
- Can be used on cable lengths up to 1500 ft (457 m)
- Clear and simple test results – analog bar graph and indication of good or faulted cable
- Lightweight, single hot stick operation for testing cable
- No external power required – self-contained 8KVDC voltage source
- Safety feature – measures AC voltage before converting to a DC voltage tester

## SPECIFICATIONS

Operating Voltage Range	100V–25kVAC line-to-ground
Operating Frequency	50/60Hz
Test Voltage	8kVDC
Accuracy	AC voltage, 5% of reading
Maximum Cable Length Tested	1500 ft (457 m)
Digital Display	Reads AC kilovolts and displays DC leakage/discharge current as an analog bar graph
Battery	9V lithium
Battery Life	Approximately 40 tests on 300' of 250 Kcmil (non-faulted) cable, fewer on faulted cable
Operating Temperature	+20°F to +120°F (-7°C to +49°C)
Weight (Without Probe)	3 lb (1.36 kg)
Dimensions (Without Probe)	14" L x 4.6" W x 4.1" H (36 cm x 12 cm x 10 cm)
Ground Cord Length	12' (3.6 m) fully extended, 3.5' (1.7 m) retracted
Cord Voltage Rating	Up to 20kV

# TEST & MEASUREMENT – HIGH VOLTAGE

## PROBES AND ACCESSORIES

Underground Dead Front Bushing Probes	Underground Elbow Probe	Overhead Probe	Extension Hot Sticks
			
ASP-15/25 (l); ASP-35U (r)	EA-15/25	025-OLPS-5	Different Lengths and Telescopic Hot Sticks Available

CAT. NO.	UPC. NO.	DESCRIPTION
UCT-8/K01	783310081388	Underground Cable Fault Tester Kit Includes UCT-8, (1) 025-OLPS-5 Overhead Brass Hook Probe, (1) ASP-15/25 UG Bushing Probe and CS-UCT Case
UCT-8/K02	783310555988	Kit Includes UCT-8, (1) 025-OLPS-5 Overhead Brass Hook Probe, (1) ASP-15/25 UG Bushing Probe, (1) EA-15/25 UG Elbow Probe and CS-UCT Case
UCT-8	783310081371	Underground Cable Fault Tester; Includes UCT-8, (1) 025-OLPS-5 Overhead Brass Hook Probe and CS-UCT Case
ASP-15/25	783310055297	15kV and 25kV Class Insulated Underground Probe for Loadbreak Bushings
ASP-35U	783310555773	35kV Insulated Underground Probe for Loadbreak Bushings Designed for Both Elastimold® and Cooper® (RTE) Bushings
EA-15/25	783310555797	15kV and 25kV Class Underground Loadbreak Elbow Probe
025-OLPS-5	783310555834	Overhead Brass Hook Probe
S-4H	783310628439	4' Extension Hot Stick with Universal Spline, Foam Filled, 1-1/4" Diameter Fiberglass
S-6H	783310628446	6' Extension Hot Stick with Universal Spline, Foam Filled, 1-1/4" Diameter Fiberglass
B-4	783310555667	Vinyl Carrying Bag for (2) 4' Extension Hot Sticks
B-6	783310555674	Vinyl Carrying Bag for (2) 6' Extension Hot Sticks
CS-UCT	783310556008	Plastic Carrying Case
B-30	783310055419	Carrying Bag with Fluorescent/Reflective Safety Stripes and Carrying Strap

**NOTE:** The use of a hot stick is required. Other kits are available.

# DIGITAL VOLTAGE INDICATORS



DVI-100 / DVI-500 Series

## FEATURES

- Two models with ranges up to 500kV line-to-ground
- Voltage readout distinguishes between nominal and induced voltages
- Audible indication when voltage is detected
- Test Point mode available
- Auto-shutoff and low battery indication features
- Versatile for overhead and underground applications

## SPECIFICATIONS

Operating Voltage Ranges	DVI-100: 0–99kV (0.1kV–9.9kV and 10kV–99kV); DVI-500: 0–500kV (0.1kV–9.9kV and 10kV–500kV)
Operating Frequency	60Hz (50Hz available)
Accuracy	Laboratory calibrated to +/- 3%; Typical Overhead Line In Compact Overhead Three Phase +/- 10%; Other Applications Up To +/- 25%
LED Numeral Height	DVI-100: 2.25" (6 cm); DVI-500: 1.45" (3.7 cm)
Battery	9V lithium or alkaline
Battery Life	About 100 readings with 9V alkaline
Operating Temperature Range	-20°F to +140°F (-29°C to +60°C)
Weight	1.37 lb (0.62 kg) with overhead probe
Dimensions	4.25"H x 7"W x 4.5"D (11 cm x 18 cm x 11 cm)

# TEST & MEASUREMENT – HIGH VOLTAGE

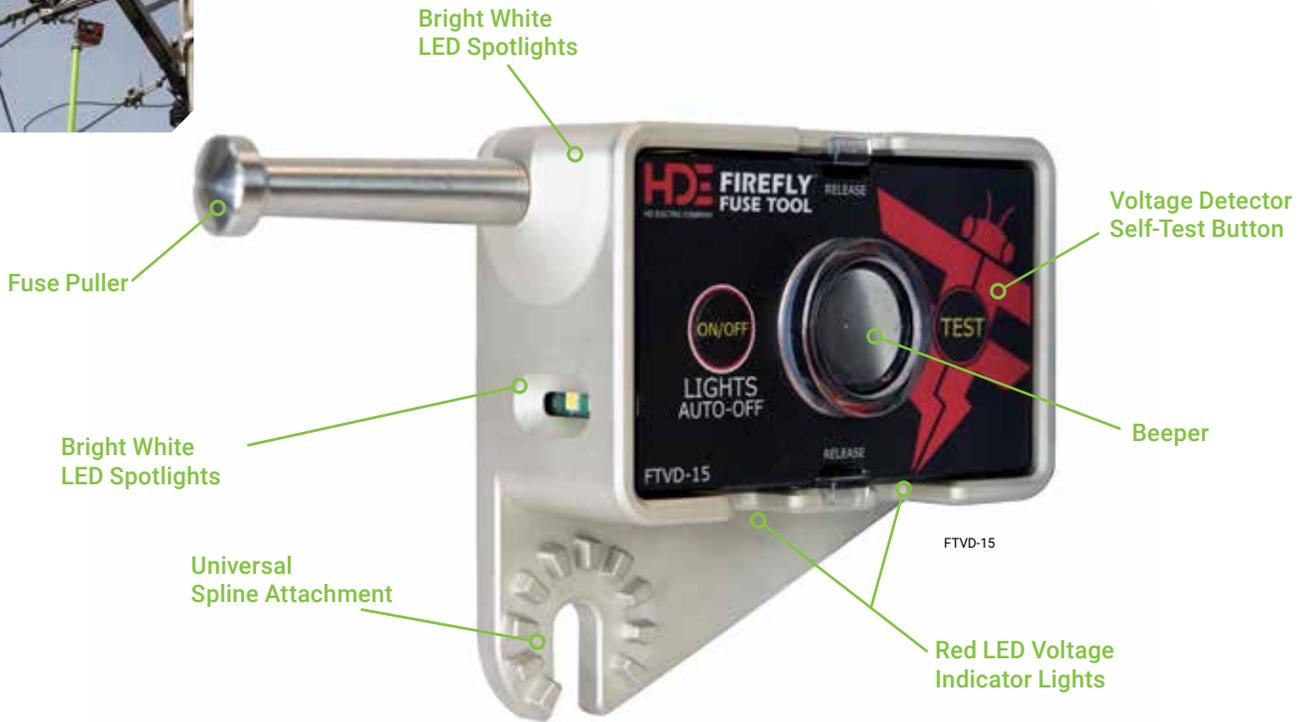
## PROBES AND ACCESSORIES

Overhead Probes	Underground Probes		Proof Tester® Digital Voltage Indicator Tester	Extension Hot Sticks	Hot Stick Adapter
					
HP-DVI-2 (l); HP-DVI-6 (r)	IEP-DVI-5 (t); IEP-DVI-EXT-5 (b)	IEP-200TC-5 (l); ASP-15/25 (r)	PT-DVI	Different Lengths and Telescopic Hot Sticks Available	HSA-2500

CAT. NO.	UPC. NO.	DESCRIPTION	ACCESSORIES INCLUDED					
			HP-DVI-2	HP-DVI-6	IEP-DVI-5	PT-DVI	CS-DVI-5	CS-DVI
DVI-500	783310628255	Indicates Voltage up to 500kV	1	1	–	–	1	–
DVI-500/K01	783310054870	Kit; Indicates Voltage up to 500kV	1	1	1	–	1	–
DVI-500/K02	783310054887	Kit; Indicates Voltage up to 500kV	1	1	1	1	1	–
DVI-500T/K01	783310628279	Kit; Indicates Voltage up to 500kV with Capacitive Test Point Mode	1	1	1	–	1	–
DVI-500T/K02	783310054863	Kit; Indicates Voltage up to 500kV with Capacitive Test Point Mode	1	1	1	1	1	–
DVI-100	783310054900	Indicates Voltage up to 99kV	1	–	–	–	–	1
DVI-100/K01	783310054931	Kit; Indicates Voltage up to 99kV	1	–	1	–	–	1
DVI-100/K02	783310054948	Kit; Indicates Voltage up to 99kV	1	–	1	1	–	1
DVI-100T/K01	783310054917	Kit; Indicates Voltage up to 99kV with Capacitive Test Point Mode	1	–	1	–	–	1
DVI-100T/K02	783310054924	Kit; Indicates Voltage up to 99kV with Capacitive Test Point Mode	1	–	1	1	–	1
HP-DVI-2	783310054955	Overhead Hook Probe for DVI 100/500 Series, 2" Diameter Opening						
HP-DVI-6	783310054962	Overhead Hook Probe for DVI-500 Series, 6" Diameter Opening						
IEP-DVI-5	783310054986	Underground Bushing Probe, 15, 25 and 35kV Class						
IEP-DVI-EXT-5	783310054993	Extension Probe, Allows Direct Contact with Bare Conductor						
IEP-200TC-5	783310055006	Probe Adapter, Allows ASP-15/25 to be Installed						
ASP-15/25	783310055297	Underground Adapter Bushing Probe, 15 and 25kV Class – Used with IEP-200TC-5 Adapter						
PT-DVI	783310628408	Proof Tester Digital Voltage Indicator Tester Confirms Proper Operation 9V Battery Operated. 340VAC Output						
S-4H	783310628439	4' Extension Hot Stick with Universal Spline, Foam Filled, 1-1/4" Diameter Fiberglass						
S-6H	783310628446	6' Extension Hot Stick with Universal Spline, Foam Filled, 1-1/4" Diameter Fiberglass						
HSA-2500	783310054818	Universal Hot Stick Adapter (Shotgun)						
B-4	783310555667	Vinyl Carrying Bag for (2) 4' Extension Hot Sticks						
B-6	783310555674	Vinyl Carrying Bag for (2) 6' Extension Hot Sticks						
CS-DVI-5	783310055303	Rugged Plastic Case for DVI-500						
CS-DVI	783310055310	Rugged Plastic Case for DVI-100						
B-30	783310055419	Carrying Bag with Fluorescent/Reflective Safety Stripes and Carrying Strap						

**NOTE:** The use of a hot stick is required. Other kits and telescopic hot sticks are available.

# FIREFLY® FUSE TOOL VOLTAGE DETECTOR



## FEATURES

- Three functions in one tool: voltage detector, fuse puller and spotlights
- Single range 4kV to 12kV line-to-line voltage detector
- Provides an audible and visual alarm when voltage is detected
- Bright white LED spotlights provide illumination in dark situations
- Compact and lightweight solution for added safety and flexibility

## SPECIFICATIONS

Operating Voltage Range	4–12kV line-to-line; other voltage ranges available from 4kV to 35kV system voltage
Operating Frequency	50/60Hz
Battery	Four 3V lithium, two for voltage detector and two for white LED spotlights
Battery Life	Voltage detection – up to 40 hours of continuous alert White lights – up to 8 hours of continuous use
Operating Temperature Range	-40°F to +120°F (-40°C to +49°C)
Weight	1 lb (454 g)
Dimensions	6" L x 1.2" W x 6" H (15 cm x 3 cm x 15 cm)

# TEST & MEASUREMENT – HIGH VOLTAGE

## ACCESSORIES

Proof Tester® Fuse Tool Voltage Detector Tester	Extension Hot Sticks	Hot Stick Adapter
		
PT-FTVD	Different Lengths and Telescopic Hot Sticks Available	HSA-2500

CAT. NO.	UPC. NO.	DESCRIPTION
FTVD-15	783310081074	Fuse Tool Voltage Detector; Includes FTVD-15 and FTVD-BG Bag
FTVD-15/K01	783310081081	Fuse Tool Voltage Detector Kit; Includes FTVD-15, PT-FTVD Proof Tester FTVD Tester and FTVD-BG Bag
PT-FTVD	783310081098	Proof Tester Fuse Tool Voltage Detector Tester Confirms Proper Operation. 9V Battery Operated
S-4H	783310628439	4' Extension Hot Stick with Universal Spline, Foam Filled, 1-1/4" Diameter Fiberglass
S-6H	783310628446	6' Extension Hot Stick with Universal Spline, Foam Filled, 1-1/4" Diameter Fiberglass
HSA-2500	783310054818	Universal Hot Stick Adapter (Shotgun)
B-4	783310555667	Vinyl Carrying Bag for (2) 4' Extension Hot Sticks
B-6	783310555674	Vinyl Carrying Bag for (2) 6' Extension Hot Sticks
FTVD-BG	783310081104	Padded, Zippered Carrying Bag with Strap; Holds FTVD-15 and PT-FTVD

**NOTE:** The use of a hot stick is required. Telescopic hot sticks are available.

# TAG<sup>®</sup> VOLTAGE DETECTORS



## FEATURES

- Direct contact solution to quickly test for the presence of voltage
- No on/off or range selector switches – always on
- Clear indication of voltage detection with both audible and visual indications
- All-Check<sup>®</sup> Self-Test System verifies proper operation
- TAG-200 Series for system voltages up to 69kV line-to-line
- TAG-330 Series for system voltages from 69kV up to 765kV line-to-line
- Versatile for overhead and underground applications

## SPECIFICATIONS – TAG-200 AND TAG-200/MR

Available Operating Voltage Ranges	TAG-200: 4–12kV or 12–35kV phase-to-phase TAG-200/MR: 4kV & 12kV; 4kV & 35kV; 12kV & 35kV phase-to-phase Custom ranges and labeling are available
Operating Frequency	60Hz
Battery	Field replaceable 9V alkaline battery
Battery Life	Approximately 1 year of typical use
Operating Temperature Range	-15°F to +110°F (-25°C to +40°C)
Weight (Without Probe)	11 oz (0.31 kg)
Dimensions (Without Probe)	7.5" L x 1.9" Dia. (19.1 cm x 4.9 cm)

Available In USA / Canada Only

## SPECIFICATIONS – TAG-330

Available Operating Voltage Ranges	69–230kV or 138–500kV phase-to-phase Custom ranges and labeling are available
Operating Frequency	60Hz
Battery	Field replaceable 9V alkaline battery
Battery Life	Approximately 1 year of typical use
Operating Temperature Range	-15°F to +110°F (-25°C to +40°C)
Weight (Without Probe)	1 lb 3 oz (0.59 kg)
Dimensions (Without Probe)	8.3" L x 3.2" Dia. (21.1 cm x 8.13 cm)

Available In USA / Canada Only

# TEST & MEASUREMENT – HIGH VOLTAGE

## PROBES AND ACCESSORIES

Overhead Probes		Underground Probes			Proof Tester® Voltmeter/Phaser Tester	Extension Hot Sticks	Hot Stick Adapter
							
TAG-42029 (top); TAG-41811/B (bottom)	TAG-AC60 (top); TAG-AC120 (ctr); TAG-AD100 (bottom)	IEP-UD/C (l); IEP-EA/C (r)	IEP-EA/C-35 (t); IEP-TAG-EXT (b)	IEP-UDP (l); ASP-15/25 (r)	PT-DET	Different Lengths and Telescopic Hot Sticks Available	HSA-2500

**NOTE:** The use of a hot stick is required. Other kits, custom ranges, labeling and telescopic hot sticks are available. Available in USA / Canada only.



## Distribution Voltage Detectors

The TAG-200 is a single range direct contact voltage detector that determines if a conductor is energized within a specific voltage range. It will emit both audible and visual indications when placed in contact with an energized conductor.

The TAG-200/MR is a dual range direct contact voltage detector is similar to the TAG-200, except that it is a dual range direct contact voltage detector having two distinct ranges. It will indicate the presence of voltage and will show which range setting by the number of LED's activated.

The TAG-200/MR has two red LED's and an audible alarm to indicate the presence of voltage:

- If one LED is activated during contact with a conductor, the voltage present is within the lower voltage range.
- If two LED's are activated, the voltage present is within the higher voltage range.

If the TAG-200 or TAG-200/MR are used in situations where the voltage is more than three times higher than the range listed on the product label, it will act as a proximity detector before direct contact is made.

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## Transmission Voltage Detectors



The TAG-330 is a direct contact type voltage detector for use on transmission voltages. It is a single range unit that determines if a conductor is energized within its specific voltage setting.

If the TAG-330 is used in situations where the voltage is more than three times higher than the range listed on the product label, the TAG-330 will act as a proximity detector before direct contact is made.

## TAG-200 SERIES ORDERING INFORMATION

CAT. NO.	UPC. NO.	DESCRIPTION	ACCESSORIES INCLUDED			
			TAG-42029	TAG-41811/B	IEP-UD/C	C-200
T200-0412	783310556022	TAG-200, Range 4-12kV	1	1	–	1
T200/KIT-0412	783310556046	Kit; TAG-200, Range 4-12kV	1	1	1	1
T200-1235	783310556039	TAG-200, Range 12-35kV	1	1	–	1
T200/KIT-1235	783310556053	Kit; TAG-200, Range 12-35kV	1	1	1	1
T200MR-0412	783310556060	TAG-200/MR, Dual Range 4kV and 12kV	1	1	–	1
T200MR/KIT-0412	783310556091	Kit; TAG-200/MR, Dual Range 4kV and 12kV	1	1	1	1
T200MR-0435	783310556077	TAG-200/MR, Dual Range 4kV and 35kV	1	1	–	1
T200MR/KIT-0435	783310556107	Kit; TAG-200/MR, Dual Range 4kV and 35kV	1	1	1	1
T200MR-1235	783310556084	TAG-200/MR, Dual Range 12kV and 35kV	1	1	–	1
T200MR/KIT-1235	783310556114	Kit; TAG-200/MR, Dual Range 12kV and 35kV	1	1	1	1
TAG-42029	783310555889	Overhead "Y" Probe				
TAG-41811/B	783310556152	Overhead Straight Probe				
TAG-AC60	783310555872	Overhead Suspension Hook Probe				
IEP-UD/C	783310555902	Underground Bushing Probe, 15, 25 and 35kV Class				
IEP-EA/C	783310555919	Underground Elbow Probe, 15, 25 and Elastimold® 35kV Class				
IEP-EA/C-35	783310555926	Underground Elbow Probe, 35kV Class				
IEP-TAG-EXT	783310555933	Extension Probe, Allows Direct Contact with Bare Conductor				
IEP-UDP	783310555940	Probe Adapter, Allows ASP-15/25 to be Installed and Used for Testing Bushings				
ASP-15/25	783310055297	15kV and 25kV Class Insulated Underground Probe for Loadbreak Bushings				
PT-DET	783310556138	Proof Tester Voltage Detector Tester Confirms Proper Operation. 9V Battery Operated				
S-4H	783310628439	4' Extension Hot Stick with Universal Splines, Foam Filled, 1-1/4" Diameter Fiberglass				
S-6H	783310628446	6' Extension Hot Stick with Universal Splines, Foam Filled, 1-1/4" Diameter Fiberglass				
HSA-2500	783310054818	Universal Hot Stick Adapter (Shotgun)				
B-4	783310555667	Vinyl Carrying Bag for (2) 4' Extension Hot Sticks				
B-6	783310555674	Vinyl Carrying Bag for (2) 6' Extension Hot Sticks				
C-200	783310556176	Plastic Carrying Case				
B-2	783310055600	Padded, Zippered Carrying Bag with Strap				

**NOTE:** The use of a hot stick is required. Other kits, custom ranges, labeling and telescopic hot sticks are available. Available in USA / Canada only.

## TAG-330 Series Ordering Information

CAT. NO.	UPC. NO.	DESCRIPTION	ACCESSORIES INCLUDED			
			TAG-AC60	TAG-AC120	TAG-AD100	CM-330
T330-069230	783310556190	TAG-330, Range 69-230kV	1	1	1	1
T330-138500	783310556206	TAG-330, Range 138-500kV	1	1	1	1
TAG-AC60	783310555872	Overhead Suspension Small Hook Probe				
TAG-AC120	783310556220	Overhead Suspension Large Hook Probe				
TAG-AD100	783310556213	Overhead 4" Straight Probe				
S-4H	783310628439	4' Extension Hot Stick with Universal Splines, Foam Filled, 1-1/4" Diameter Fiberglass				
S-6H	783310628446	6' Extension Hot Stick with Universal Splines, Foam Filled, 1-1/4" Diameter Fiberglass				
HSA-2500	783310054818	Universal Hot Stick Adapter (Shotgun)				
B-4	783310555667	Vinyl Carrying Bag for (2) 4' Extension Hot Sticks				
B-6	783310555674	Vinyl Carrying Bag for (2) 6' Extension Hot Sticks				
CM-330	783310118657	Metal Carrying Case				

**NOTE:** The use of a hot stick is required. Other kits, custom ranges, labeling and telescopic hot sticks are available. Available in USA / Canada only.

# PROXIMITY VOLTAGE DETECTORS



## FEATURES

- Verify the presence of voltage without contacting the conductor
- Audible and visual alert when voltage is present
- Powered by a rechargeable Li-Ion battery
- PRX-500 for transmission and distribution use with nine standard voltage ranges from 120V to 500kV
- PRX-69D for distribution use with seven standard voltage ranges from 120V to 69kV
- PRX-4 is a HI/LO proximity voltage detector with two voltage ranges; 50V-4kV and above 4kV

## SPECIFICATIONS – PRX-4

Operating Voltage Ranges	Two standard voltage ranges: 50VAC–4kVAC (LO) 4kVAC–500kVAC (HI)
Voltage Sensing Distance	3 inches at 50V LO range 10 inches at 4kV HI range
Operating Frequency	25Hz–400Hz
Battery	Rechargeable Li-Ion battery with AC/DC charging options
Battery Life	One week of typical daily use after full charge
Operating Temperature Range	-20°F to +140°F (-29°C to +60°C)
Weight	11 oz (.31 kg)
Dimensions	11" L x 3" W x 2" D (28 cm x 7.6 cm x 5 cm)

# TEST & MEASUREMENT – HIGH VOLTAGE

## ACCESSORIES

Charger Cord & Adapter	Holster	Proof Tester® Proximity Voltage Detector Tester	Extension Hot Sticks
		 CE	
PRX-CORD (top); PRX-XF (bottom)	PRX-HS	PT-PRX	Different Lengths and Telescopic Hot Sticks Available

**NOTE:** The use of a hot stick is required. Other kits, custom ranges, labeling and telescopic hot sticks are available. Available in USA / Canada only.



## PRX-4

The simplest and easiest of the PRX family, The PRX-4 is a HI/LO Proximity Voltage Detector, an ideal testing device for a wide range of applications such as storm assessment or meter reading.



### PRX-69D

Designed specifically for distribution crews, with seven preset standard distribution ranges from 120VAC to 69kVAC. Capacitive test point mode included in the 120VAC setting.

#### SPECIFICATIONS – PRX-69D

Operating Voltage Ranges	Seven standard voltage ranges from 120VAC–69kVAC
Voltage Sensing Distance	6 inches at 120V; 10 inches at all other ranges
Operating Frequency	25Hz–400Hz
Battery	Rechargeable Li-Ion battery with AC/DC charging options
Battery Life	One week of typical daily use after full charge
Operating Temperature Range	-20°F to +140°F (-29°C to +60°C)
Weight	11 oz (.31 kg)
Dimensions	11" L x 3" W x 2" D (28 cm x 7.6 cm x 5 cm)



### PRX-500

The ideal solution for line crews that perform voltage testing on both distribution and transmission lines. Preset with nine standard voltage ranges from 120VAC to 500kVAC. Capacitive test point mode included in the 120VAC setting.

#### SPECIFICATIONS – PRX-500

Operating Voltage Ranges	Nine standard voltage ranges from 120VAC to 500kVAC
Voltage Sensing Distance	6 inches at 120V; 10 inches at all other ranges
Operating Frequency	25Hz–400Hz
Battery	Rechargeable Li-Ion battery with AC/DC charging options
Battery Life	One week of typical daily use after full charge
Operating Temperature Range	-20°F to +140°F (-29°C to +60°C)
Weight	11 oz (.31 kg)
Dimensions	11" L x 3" W x 2" D (28 cm x 7.6 cm x 5 cm)

# TEST & MEASUREMENT – HIGH VOLTAGE

CAT. NO.	UPC. NO.	DESCRIPTION	ACCESSORIES INCLUDED					
			PRX-CORD	PRX-XF	PRX-HS	PT-PRX	PRX-CS	B-2
PRX-4/K01	783310556404	Kit; Indicates Voltages from 50V to 4kV	1	–	–	–	–	–
PRX-4/K02	783310556411	Kit; Indicates Voltages from 50V to 4kV	1	1	–	–	–	–
PRX-4/K03	783310556428	Kit; Indicates Voltages from 50V to 4kV	1	1	–	–	–	1
PRX-4/K10	783310556435	Kit; Indicates Voltages from 50V to 4kV	1	1	1	1	1	–
PRX-4H	783310556442	Kit; Indicates Voltages from 50V to 4kV	1	1	1	–	–	–
PRX-4B	783310556459	Kit; Indicates Voltages from 50V to 4kV	1	1	1	–	–	1
PRX-4	783310556466	Indicates Voltages from 50V to 4kV	1	1	1	–	1	–
PRX-69D/K01	783310055426	Kit; Indicates Distribution Voltages from 120V to 69kV	1	–	–	–	–	–
PRX-69D/K02	783310055495	Kit; Indicates Distribution Voltages from 120V to 69kV	1	1	–	–	–	–
PRX-69D/K03	783310055501	Kit; Indicates Distribution Voltages from 120V to 69kV	1	1	–	–	–	1
PRX-69D/K10	783310556329	Kit; Indicates Distribution Voltages from 120V to 69kV	1	1	1	1	1	–
PRX-69DH	783310055518	Kit; Indicates Distribution Voltages from 120V to 69kV	1	1	1	–	–	–
PRX-69DB	783310055525	Kit; Indicates Distribution Voltages from 120V to 69kV	1	1	1	–	–	1
PRX-69D	783310628385	Indicates Distribution Voltages from 120V to 69kV	1	1	1	–	1	–
PRX-500/K01	783310055532	Kit; Indicates Trans & Dist Voltages from 120VAC to 500kV	1	–	–	–	–	–
PRX-500/K02	783310628378	Kit; Indicates Trans & Dist Voltages from 120VAC to 500kV	1	1	–	–	–	–
PRX-500/K03	783310055549	Kit; Indicates Trans & Dist Voltages from 120VAC to 500kV	1	1	–	–	–	1
PRX-500/K10	783310556244	Kit; Indicates Trans & Dist Voltages from 120VAC to 500kV	1	1	1	1	1	–
PRX-500H	783310055556	Kit; Indicates Trans & Dist Voltages from 120VAC to 500kV	1	1	1	–	–	–
PRX-500B	783310055563	Kit; Indicates Trans & Dist Voltages from 120VAC to 500kV	1	1	1	–	–	1
PRX-500	783310628361	Indicates Trans & Dist Voltages from 120VAC to 500kV	1	1	1	–	1	–
PRX-CORD	783310055570	Charger Cord, 12VDC						
PRX-XF	783310055587	Charger Adapter, 120VAC						
PRX-HS	783310055594	Carrying Holster with Belt Clip and Restraining Strap						
PT-PRX	783310556541	Proof Tester PRX Voltage Detector Tester Confirms Proper Operation. 9V Battery Operated. 340VAC Output						
PRX-CS	783310055617	Carrying Case						
B-2	783310055600	Padded, Zippered Carrying Bag with Strap						
S-4H	783310628439	4' Extension Hot Stick with Universal Spline, Foam Filled, 1-1/4" Diameter Fiberglass						
S-6H	783310628446	6' Extension Hot Stick with Universal Spline, Foam Filled, 1-1/4" Diameter Fiberglass						
B-4	783310555667	Vinyl Carrying Bag for (2) 4' Extension Hot Sticks						
B-6	783310555674	Vinyl Carrying Bag for (2) 6' Extension Hot Sticks						
050-00310-PRX	783310055631	220VAC Charging Adapter Kit						
050-00300-PRX	783310055624	Rechargeable Battery Replacement Kit; Contains Battery, Overlay Label and Instructions						

**NOTE:** The use of a hot stick is required. A 220VAC version is available as well as other kits, custom ranges, custom labeling and telescopic hot sticks.

# ACTIVE POWER TESTER



## FEATURES

- For use on uninsulated overhead conductors
- Audible and visual alert when absence of voltage is detected
- Models available with different voltage ranges

## SPECIFICATIONS

Operating Voltage Ranges	7.6kV–13.2kV line-to-ground
Operating Frequency	50/60Hz
Battery	9V field replaceable lithium or alkaline
Battery Life	30 hours of continuous alarm
Weight	1.2 lb (0.5 kg)
Dimensions	10.88" L x 3.5" W x 3.5" H (27.6 cm x 8.9 cm x 8.9 cm)

## ACCESSORY

Extension Hot Sticks



Different Lengths and Telescopic Hot Sticks Available

CAT. NO.	UPC. NO.	DESCRIPTION
APT-1	783310556558	Indicates Absence of Full Line Voltage on Conductors from 7.6 to 13.2kV Line-to-Ground
S-4H	783310628439	4' Extension Hot Stick with Universal Spline, Foam Filled, 1-1/4" Diameter Fiberglass
S-6H	783310628446	6' Extension Hot Stick with Universal Spline, Foam Filled, 1-1/4" Diameter Fiberglass
B-4	783310555667	Vinyl Carrying Bag for (2) 4' Extension Hot Sticks
B-6	783310555674	Vinyl Carrying Bag for (2) 6' Extension Hot Sticks

**NOTE:** The use of a hot stick is required. Other kits, custom ranges, labeling and telescopic hot sticks are available. Available in USA / Canada only.

# VOLTAGE PROBE



## FEATURES

- Handheld direct contact secondary voltage detector from 50VAC to 600VAC
- Tests exposed metallic surfaces and conductors for the presence of secondary voltage
- Tests unshielded primary voltage cable insulation
- Tests primary voltage joint and termination test points for the presence of voltage
- No on/off switch – always on
- Compact, lightweight and easy-to-use

## SPECIFICATIONS

Operating Voltage Ranges	50VAC to 600VAC handheld 600VAC to 21KVAC line-to-ground handheld using appropriately rated electrical insulating gloves
Operating Frequency	50/60Hz
Battery	2 AA field replaceable lithium or alkaline batteries
Weight	9.6 oz (0.27 kg)
Dimensions	10" L (25.4 cm)

## ACCESSORY

Proof Tester® Voltage Probe Tester



PT-VP

CAT. NO.	UPC. NO.	DESCRIPTION
VP-1/K01	783310628477	Direct Contact Voltage Detector; Kit Includes VP-1, PT-VP Proof Tester VP Tester and B-35 Bag
VP-1	783310556565	Direct Contact Voltage Detector from 50VAC to 21kV, Proximity Voltage Detector above 21kV; Includes VP-1
PT-VP	783310628415	Proof Tester Voltage Probe Tester Confirms Proper Operation. 9V Battery Operated.
B-35	783310556572	Padded, Zippered Carrying Bag with Strap

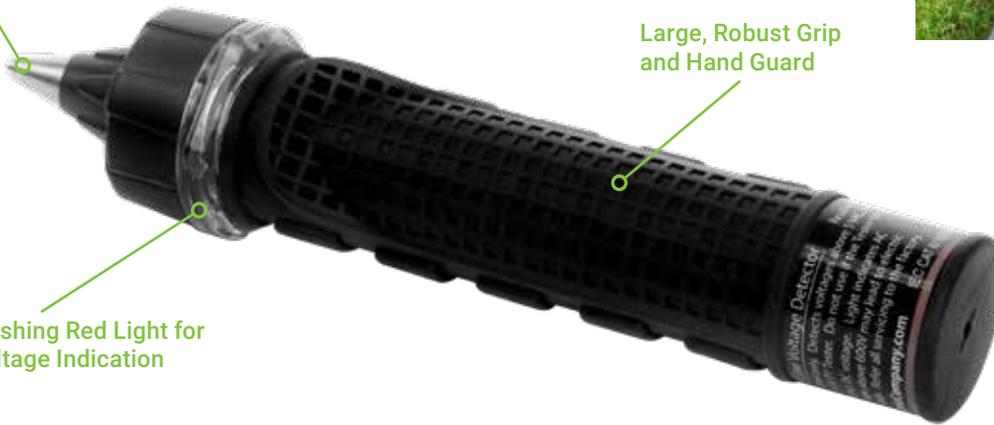
# STRAY VOLTAGE DETECTOR



Direct Contact Probe

Large, Robust Grip and Hand Guard

Flashing Red Light for Voltage Indication



LV-5



## FEATURES

- Indicates the presence of stray or contact voltage
- Direct contact detector alerts at 5V and up
- No on/off button, detector is always on
- Use on street light poles, guide guy wires, wood transmission poles, meter cans, manhole covers and other metallic surfaces
- Available holster with integrated tester accessory
- Rugged, water-resistant, utility-grade design

## SPECIFICATIONS

Threshold Detection Voltage	5VAC, 50/60Hz nominal, capacitively coupled
Maximum Applied Voltage	600VAC
Operating Frequency	50/60Hz
Battery	2 AA field replaceable lithium or alkaline batteries
Operating Temperature Range	-20°F to +140°F (-29°C to +60°C)
Weight	1.25 lb (0.57 kg)
Dimensions	10.5" L x 3.8" W x 2.3" H (26.7 cm x 9.7 cm x 5.8 cm)

# TEST & MEASUREMENT – HIGH VOLTAGE

## ACCESSORIES

Holster	Proof Tester® Stray Voltage Detector Tester	Ground Shield	Extension Handle
	 CE		
LV-HS	LV-PT	LV-GS	LV-EH

CAT. NO.	UPC. NO.	DESCRIPTION
LV-5/K01	783310628323	Detects Stray Voltage from 5-600VAC; Kit Includes LV-5, LV-PT Proof Tester LV Tester and LV-HS Holster
LV-5	783310055662	Stray Voltage Detector, Detects Voltage from 5-600VAC; Includes LV-5
LV-HS	783310055686	Holster for LV-5 and LV-PT Proof Tester LV Tester
LV-PT	783310055709	Proof Tester Stray Voltage Detector Tester Confirms Proper Operation. 9V Battery Operated. 8VAC Output
LV-GS	783310628347	Ground Shield with Ground Lead and Alligator Clip; Used in Areas Where High Voltage Lines or Other Energized Conductors are Present
LV-EH	783310628330	Extension Handle Extends the Reach of the LV-5, Allowing the Detector to Test Equipment on the Ground or Hard to Reach Locations

# LOOKOUT® VOLTAGE DETECTION NETWORK



LO-01



## FEATURES

- Warns of high voltage electric fields using WAVi® technology – Work Area Voltage Indication
- Visual and audible warning indicates the location of energized fields in a red-yellow-green sequence
- Detectors communicate with each other within a mesh network
- Remotely control detectors through the LOOKOUT® mobile app
- Battery life of up to 500 hours in Monitor mode and up to 8 hours in Alert mode
- Durable water-resistant housing

## LOOKOUT APP FEATURES:

- Remotely turn detectors on/off
- Select system voltage
- Remotely self-test connected detectors
- Monitor battery level
- Rename connected detectors
- Real time notifications when voltage is detected

## SPECIFICATIONS

<b>Voltage Range</b>	System voltage from 4kVAC to 500kVAC – Do not use below 2400VAC line-to-ground
<b>Operating Frequency</b>	50/60Hz
<b>Typical Warning Distance*</b>	Approx. 3 ft (91 cm) from a 4kVAC conductor – For more details refer to the instruction manual
<b>Communication Range</b>	Up to 100 ft (30 m) between detectors
<b>Weight</b>	1 lb (0.45 kg) single detector
<b>Dimensions</b>	6.75" Ø x 1.55" H (17.14 cm x 3.94 cm)
<b>Enclosure Rating</b>	IP67

\*Based on OSHA standard 1910.269 for minimum approach distances for qualified electrical workers

# TEST & MEASUREMENT – HIGH VOLTAGE

## ACCESSORIES

Operator Unit	Equipment Mount and Claw Tool	Fence Hanger Bracket
		
LO-OP shown with optional equipment mount	LO-EM (l) and LO-CL (r)	LO-HB

CAT. NO.	UPC. NO.	DESCRIPTION
LO-01	783310045175	LOOKOUT Voltage Detector
LO-OP	783310045182	LOOKOUT Operator Unit – Relays network alerts to the operator (Does NOT detect voltage)
LOC-01	783310045243	LOOKOUT Charger, 12V
LO-EM	783310045250	Equipment Mount
LO-CL	783310045328	Claw Tool for Detector Installation
LO-CB	783310045335	Safety Cone Mounting Bracket
LO-HB	783310045397	Fence Hanger Bracket
LO-XF1	783310556602	Charger Adapter, 120V
LO-XF2	783310556619	Charger Adapter, 220V
LO-BGS	783310045410	Carrying Bag

CAT. NO.	UPC. NO.	DESCRIPTION	INCLUDED							
			LO-01	LOC-01	LO-OP	LO-EM	LO-CL	LO-CB	LO-HB	LO-BGS
LO-P6E	783310045472	LOOKOUT 6-Pack Kit, Equipment	5	1	1	4	1	–	–	1
LO-06C	783310045458	LOOKOUT 6-Pack Kit, Cones	6	1	–	–	–	6	–	1
LO-06H	783310556589	LOOKOUT 6-Pack Kit, Hangers	6	1	–	–	–	–	6	1
LO-06	783310045434	LOOKOUT 6-Pack Kit	6	1	–	–	–	–	–	1

**NOTE:** Additional kits are available.

# WATCHMAN® WORK AREA VOLTAGE DETECTOR



On/Off and Self-Test Button

Strong Neodymium Magnets for Mounting on Magnetic Surfaces

Bright LED Lights Visually Alert to the Presence of an Electrical Field



## FEATURES

- Provides an extra level of safety for trained personnel working on or near high voltage systems
- Utilizes WAVi® Work Area Voltage Indication technology to detect strong electric fields surrounding high voltage conductors and fleet equipment
- Red spinning LED lights alerts to the presence of an electric field
- Typical warning distance is 7 feet (2.13 m) from a 4kVAC conductor

## SPECIFICATIONS

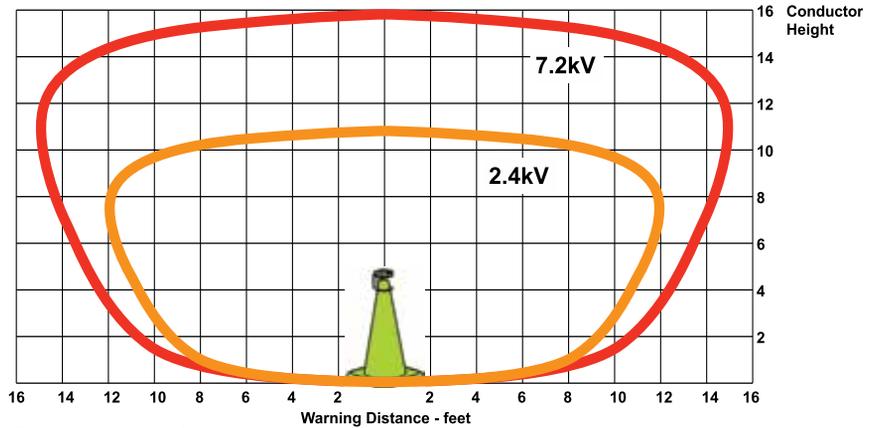
<b>Sensitivity</b>	The detector will only detect AC voltage Do not use below 2400VAC
<b>Typical Warning Distance</b>	7' (2.13 m) from a 4kVAC conductor (refer to manual for more details)
<b>Operating Voltage Ranges</b>	2400VAC and above
<b>Operating Frequency</b>	50/60Hz
<b>Battery</b>	3 AAA field replaceable lithium or alkaline batteries
<b>Battery Life</b>	2 years in storage 1,000 hours standby heartbeat mode 10 hours continuous voltage indication
<b>Operating Temperature Range</b>	-20°F to +140°F (-29°C to +60°C)
<b>Weight (With Batteries)</b>	8 oz (0.23 kg)
<b>Dimensions</b>	3.8" Dia. x 1.4" H (9.7 cm x 3.6 cm)

# TEST & MEASUREMENT – HIGH VOLTAGE

## ACCESSORIES

### Voltage Sensitivity Chart

Watchman Detector on top of safety cone mounting bracket



Each grid square is two feet.  
 Test conductor is 1 inch diameter bar.  
 Lines show detection distance at line to ground voltages.

CAT. NO.	UPC. NO.	DESCRIPTION	INCLUDED				
			WM-01	WM-CB1	WM-FB1	WM-BGS	WM-BGL
WM-01	783310081180	Watchman Work Area Voltage Detector	1	–	–	–	–
WM-06	783310081197	Watchman 6-Pack Kit	6	–	–	1	–
WM-06C	783310081203	Watchman 6-Pack Kit, Cones	6	6	–	1	–
WM-06F	783310081210	Watchman 6-Pack Kit, Fence	6	–	6	1	–
WM-12	783310081234	Watchman 12-Pack Kit	12	–	–	–	1
WM-12C	783310081241	Watchman 12-Pack Kit, Cones	12	12	–	–	1
WM-12F	783310081258	Watchman 12-Pack Kit, Fence	12	–	12	–	1
WM-CB1	783310081272	Cone Mount Bracket					
WM-FB1	783310081289	Fence Mount Bracket					
WM-BGS	783310081319	Storage Bag – Small; Holds (6) WM-01 and Accessories					
WM-BGL	783310081326	Storage Bag – Large; Holds (12) WM-01 and Accessories					

# NEXT GENERATION V-WATCH® PERSONAL VOLTAGE DETECTOR



## FEATURES

- Provides another level of safety for line crews, storm restoration workers and first responders
- Alerts user to the proximity of electric fields or energized electrical equipment with a loud alarm and bright lights
- Frequency of alarm increases as the user gets closer to the electrical hazard
- Detects voltage above 4kVAC line-to-line
- Typical initial warning distance is about 7 ft (2.13 m) from a 4kVAC conductor
- Warning distance increases with higher voltages
- Adjustable clip for use on personal protection gear
- Field replaceable AAA batteries with low battery indicator

## SPECIFICATIONS

<b>Sensitivity</b>	The detector will only detect AC voltage; do not use below 2400VAC
<b>Typical Warning Distance</b>	About 7' (2.13 m) from a 4kVAC conductor (2.4kV line-to-ground) Refer to manual for more details
<b>Operating Voltage Ranges</b>	2400VAC and above The detector will only detect AC voltage; do not use below 2400VAC
<b>Operating Frequency</b>	50/60Hz
<b>Battery</b>	3 AAA field replaceable lithium or alkaline batteries
<b>Battery Life</b>	2 years in storage; 6 months of continuous use
<b>Operating Temperature Range</b>	-20°F to +120°F (-29°C to +49°C)
<b>Weight (With Batteries)</b>	7.97 oz (0.23 kg)
<b>Dimensions</b>	Closed: 5.53" x 3.54" x 1.42" (14.0 cm x 9.0 cm x 3.6 cm) Open: 6.29" x 3.54" x 1.42" (15.9 cm x 9.0 cm x 3.6 cm)

CAT. NO.	UPC. NO.	DESCRIPTION
VWS-20	783310081364	V-Watch Personal Voltage Detector with VW-S-BAG Bag
VW-S-BAG	783310088288	Replacement Padded Carrying Bag with Drawstring

# V-WATCH® PERSONAL VOLTAGE DETECTOR



## FEATURES

- Provides another level of safety for line crews, storm restoration workers and first responders
- Alerts user to the proximity of electric fields or energized electrical equipment with a loud alarm and bright lights
- Frequency of alarm increases as the user gets closer to the electrical hazard
- Detects voltage above 4kVAC line-to-line
- Typical initial warning distance is about 7 ft (2.13 m) from a 4kVAC conductor
- Warning distance increases with higher voltages
- Field replaceable 9V battery with low battery indicator

## SPECIFICATIONS

<b>Sensitivity</b>	The detector will only detect AC voltage; do not use below 2400 Volts
<b>Typical Warning Distance</b>	About 7' (2.13 m) from a 4kVAC conductor (2.4kV line-to-ground) Refer to manual for more details
<b>Operating Voltage Ranges</b>	2400VAC and above The detector will only detect AC voltage; do not use below 2400VAC
<b>Operating Frequency</b>	50/60Hz
<b>Battery</b>	9V field replaceable alkaline battery
<b>Battery Life</b>	2 years in storage; 1 year of typical use
<b>Operating Temperature Range</b>	-20°F to +120°F (-29°C to +49°C)
<b>Weight (With Battery)</b>	5.2 oz (0.15 kg)
<b>Dimensions</b>	3.5" x 2.8" x 1.2" (8.9 cm x 7.3 cm x 3.2 cm)

CAT. NO.	UPC. NO.	DESCRIPTION
VW-20HFR	783310628491	V-Watch Personal Voltage Detector with C-10FR Flame Resistant Carrying Case Lanyard
VW-20HFR-K	783310055716	Kit Includes VW-20HFR and VW-K-BAG Carrying Bag
VW-20H	783310628484	V-Watch Personal Voltage Detector with C-10 Black Carrying Case Lanyard
VW-20H-K	783310055754	Kit Includes VW-20H and VW-K-BAG Carrying Bag
C-10FRVW	783310055785	Shielded, Flame Resistant Carrying Case with built-in Lanyard in High-Visibility Safety Green Color
C-10VW	783310055808	Shielded, Carrying Case with built-in Lanyard in Black Color
VW-K-BAG	783310055853	Zippered Carrying Bag; Holds V-Watch with Carrying Case Lanyard

**NOTE:** Other V-Watch models with different sensitivities and kits are available.

# HI-TEST® INSULATOR TESTER



**FEATURES**

- Detects non-visible internal defects on energized porcelain suspension or cap and pin insulators
- A troubleshooting tool when tracing the source of ground fault trips and RF/TV interference
- Will not cause flashover when used on energized insulators
- Test de-energized insulators prior to installation
- Powered by rechargeable and replaceable 8VDC battery

**SPECIFICATIONS**

<b>Output Voltage and Current</b>	Output Voltage: 10kVDC nominal Output Current: 65µA maximum
<b>Operating Frequency</b>	50/60Hz
<b>Battery</b>	8VDC rechargeable lithium-ion
<b>Battery Life</b>	14 hours continuous use under normal conditions
<b>Operating Temperature Range</b>	-25°F to +125°F (-32°C to +52°C)
<b>Weight (With Battery)</b>	3 lb (1.36 kg)
<b>Dimensions</b>	13" L x 5.5"W x 3.4" H (33 cm x 14 cm x 8.6 cm)

# TEST & MEASUREMENT – HIGH VOLTAGE

## ACCESSORIES

Charging Accessories for Lithium-Ion Battery			Standard and Optional Probes		Extension Hot Sticks	Hot Stick Adapter
						
025-02220-120V	050-02050-12V	050-00310-PRX	025-02035-SUB (t); 025-02040-SUB (b)	025-02045-SUB (t); 025-02050-SUB (b)	Different Lengths and Telescopic Hot Sticks Available	HSA-2500

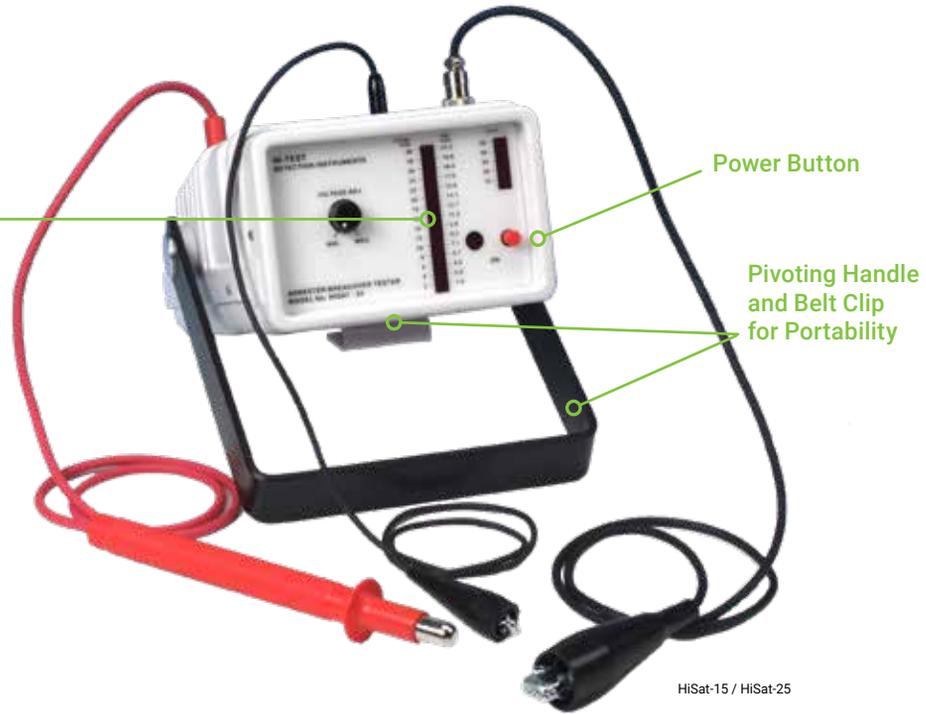
CAT. NO.	UPC. NO.	DESCRIPTION
IT-4	783310628316	Insulator Tester; Includes Battery, (1) Standard Side Bent Probe, (1) Standard Straight Probe, 120VAC Charging Adapter and CS-IT4 Case
IT-4/12V	783310556640	Insulator Tester; Includes Battery, (1) Standard Side Bent Probe, (1) Standard Straight Probe, 120VAC Charging Adapter, 12VDC Charging Cord and CS-IT4 Case
IT-4/220P	783310556657	Insulator Tester; Includes Battery, (1) Standard Side Bent Probe, (1) Standard Straight Probe, 220VAC Charging Adapter and CS-IT4 Case
075-02020-8VLI	783310556664	Replacement Lithium-Ion Battery for IT-4 Models Manufactured After Jan 2016 (3-pin charger)
025-02220-120V	783310556671	120VAC 3-Pin Charging Adapter for IT-4 Models Manufactured After Jan 2016
050-02050-12V	783310556688	12VDC 3-Pin Charging Cord for IT-4 Models Manufactured After Jan 2016
050-00310-PRX	783310055631	220VAC 3-Pin Charging Adapter Kit for IT-4 Models Manufactured After Jan 2016
075-IT3-8VX4	783310056164	Replacement 8VDC Sealed Lead-Acid Rechargeable Battery for IT-4 Models Manufactured Before 2016 (2-pin charger)
025-02070-120V	783310056171	120VAC 2-Pin Charging Adapter for IT-4 Models Manufactured Before 2016
050-02000-12V	783310056188	12VDC 2-Pin Charging Cord for IT-4 Models Manufactured Before 2016
050-02025-220V	783310056195	220VAC 2-Pin Charging Adapter for IT-4 Models Manufactured Before 2016
025-02035-SUB	783310556695	Standard Side Bent Test Probe
025-02040-SUB	783310556701	Standard Side Straight Test Probe
025-02045-SUB	783310556718	Optional Pigtail End Test Probe – Can ONLY Be Used With Optional Straight End Probe
025-02050-SUB	783310556725	Optional Straight End Test Probe – Can ONLY Be Used With Optional Pigtail End Probe
S-4H	783310628439	4' Extension Hot Stick with Universal Spline, Foam Filled, 1-1/4" Diameter Fiberglass
S-6H	783310628446	6' Extension Hot Stick with Universal Spline, Foam Filled, 1-1/4" Diameter Fiberglass
HSA-2500	783310054818	Universal Hot Stick Adapter (Shotgun)
B-4	783310555667	Vinyl Carrying Bag for (2) 4' Extension Hot Sticks
B-6	783310555674	Vinyl Carrying Bag for (2) 6' Extension Hot Sticks
CS-IT4	783310556732	Carrying Case

**NOTE:** The use of a hot stick is required if testing energized insulators. Telescopic hot sticks are available.

# HI-TEST® MOV ARRESTER/ LEAKAGE TESTERS



Voltage and Current  
Displayed on Easy to  
Read LEDs



Power Button

Pivoting Handle  
and Belt Clip  
for Portability

HiSat-15 / HiSat-25

## FEATURES

- Non-destructive testing of de-energized surge arresters for non-visible internal breakdown
- Tests up to 25kV class MOV arresters (up to 18kV rated)
- Test MOV arresters for shorts and sparkover voltage
- Fully portable and easy-to-use solution
- Powered by a 12VDC rechargeable battery
- Auto shut-off

## SPECIFICATIONS

DC Output Voltage Range	HISAT-15: 0–21kV HISAT-25: 0–30kV
Voltage Resolution	HISAT-15: 700VDC HISAT-25: 1000VDC
Operating Frequency	50/60Hz
Battery	12VDC rechargeable sealed lead acid
Battery Life	Operates approximately 3–5 days of typical use on a single charge
Operating Temperature Range	-25°F to +125°F (-32°C to +50°C)
Weight (With Battery)	4.6 lb (2.1 kg)
Dimensions	12" L x 5" W x 8" H (31 cm x 13 cm x 20 cm)

# TEST & MEASUREMENT – HIGH VOLTAGE

## ACCESSORIES

Charger Adapter	Test Leads		
			
025-02070-120V	025-02015-SUB	025-02190-SUB	025-02195-SUB

CAT. NO.	UPC. NO.	DESCRIPTION
HISAT-15	783310556749	Surge Arrester/Leakage Tester for up to 15kV Class Arresters; Includes Battery, (1) High Voltage Test Lead, (1) Ground Return Lead, (1) Static Ground Lead and 120VAC Charging Adapter
HISAT-15/220P	783310556756	Surge Arrester/Leakage Tester for up to 15kV Class Arresters; Includes Battery, (1) High Voltage Test Lead, (1) Ground Return Lead, (1) Static Ground Lead and 220VAC Charging Adapter
HISAT-25	783310556763	Surge Arrester/Leakage Tester for up to 25kV Class Arresters; Includes Battery, (1) High Voltage Test Lead, (1) Ground Return Lead, (1) Static Ground Lead and 120VAC Charging Adapter
HISAT-25/220P	783310556770	Surge Arrester/Leakage Tester for up to 25kV Class Arresters; Includes Battery, (1) High Voltage Test Lead, (1) Ground Return Lead, (1) Static Ground Lead and 220VAC Charging Adapter
075-02000-12V	783310556787	Replacement Battery
025-02070-120V	783310056171	120VAC Charger Adapter
050-02000-12V	783310056188	12VDC Charging Cord
050-02025-220V	783310056195	220VAC Charging Adapter
025-02015-SUB	783310556794	Red High Voltage Test Lead
025-02190-SUB	783310556800	Black Ground Return Lead
025-02195-SUB	783310556817	Black Static Ground Lead
050-02030-SET	783310556824	Complete Test Lead Set – (1) High Voltage, (1) Ground Return, (1) Static Ground
575-02012-SAT	783310556831	Wall Mount Rack
B-5	783310056027	Nylon Zippered Carrying Bag

**NOTE:** Because of new arrester technology, will not properly test gap or hybrid MOV/GAP type arresters such as Hubbell® Optima or Cooper® VariGAP

# ARRESTER TESTER



## FEATURES

- Designed to test lightning arresters for damage or deterioration
- Live line tester tests lightning arresters prior to energizing
- For use on system voltages from 4kV to 25kV line-to-line and up to 69kV with optional add-on resistor sticks
- Versatile for overhead and underground applications

## SPECIFICATIONS

Voltage Range	4kV to 25kV; up to 69kV with optional add-on resistor sticks
Operating Frequency	50/60Hz
Operating Temperature Range	-25°F to +125°F (-32°C to +50°C)
Meter Face Size	3" (7.6 cm)
Battery	None
Meter Housing Dimensions	5" W x 4.25" L x 1.38" H (13 cm x 11 cm x 3.5 cm)
Diameter of Fiberglass	1" (2.54 cm)
Cord Length	Retracted: 3.5' (1.7 m); Extended: 12' (3.6 m)
Cord Voltage Rating	Up to 10kV
Weight (Without Probes)	4.7 lb (2.1 kg)
Dimensions	22" L x 3.5" H (56 cm x 9 cm)

# TEST & MEASUREMENT – HIGH VOLTAGE

## PROBES AND ACCESSORIES

Overhead Probes	Add-On Resistor	Underground Dead Front Bushing Probes	Extension Hot Sticks	Hot Stick Adapter
				
025-OLPS-5 (l); 025-OLPS-6 (r)	R-69	ASP-15/25 (l); ASP-35U (r)	Different Lengths and Telescopic Hot Sticks Available	HSA-2500

CAT. NO.	UPC. NO.	DESCRIPTION
AT-100	783310556848	Lightning Arrester/Leakage Tester 4-25kV, up to 69kV with Optional R-69 Resistors; Includes (2) 025-OLPS-5 Overhead Brass Hook Probes and CM-100/V Case
AT-100/K1	783310556855	Kit Includes AT-100 with (2) 025-OLPS-5 Overhead Brass Hook Probes, (2) R-69 Resistor Sticks and CM-100/V Case
025-OLPS-5	783310555834	Overhead Brass Hook Probe
025-OLPS-6	783310555841	Overhead Brass Pigtail Probe
R-69	783310556862	Add-On Resistor Stick for AT-100 for Voltages Above 25kV Up To 69kV (Pair Required)
ASP-15/25	783310055297	15kV and 25kV Class Insulated Underground Probe for Loadbreak Bushings
ASP-35U	783310555773	35kV Insulated Underground Probe for Loadbreak Bushings Designed for Both Elastimold® and Cooper® (RTE) Bushings
S-4H	783310628439	4' Extension Hot Stick with Universal Spline, Foam Filled, 1-1/4" Diameter Fiberglass
S-6H	783310628446	6' Extension Hot Stick with Universal Spline, Foam Filled, 1-1/4" Diameter Fiberglass
HSA-2500	783310054818	Universal Hot Stick Adapter (Shotgun)
B-4	783310555667	Vinyl Carrying Bag for (2) 4' Extension Hot Sticks
B-6	783310555674	Vinyl Carrying Bag for (2) 6' Extension Hot Sticks
CM-100/V	783310556879	Metal Carrying Case

**NOTE:** The use of a hot stick is required. Other kits are available.

# DC LEAKAGE TESTER



## FEATURES

- Portable, general purpose dual voltage leakage tester
- Designed to test primary distribution voltage or secondary voltage equipment for faults or high leakage currents
- Checks for leakage on de-energized and discharged cables, capacitors, transformers, joints, terminations, insulators
- User selectable test voltage 500VDC or 5,000VDC
- Compact, lightweight and easy-to-use
- Versatile for overhead and underground applications

## SPECIFICATIONS

Test Voltage	500VDC or 5,000VDC nominal
Test Current	1,000 microamps indicated on 500VDC range 100 microamps indicated on 5,000VDC range 2,000 microamps maximum
Operating Frequency	50/60Hz
Operating Temperature	-25°F to +125°F (-32°C to +50°C)
Battery	9V field replaceable lithium or alkaline battery
Weight	1 lb 13.5 oz (0.84 kg)
Dimensions	8" L x 4" W x 2.5" H (20.32 cm x 10.16 cm x 6.35 cm)
Test Leads Length	Retracted: 21" (53.34 cm); Extended: 54" (137.16 cm)

CAT. NO.	UPC. NO.	DESCRIPTION
PT-5000W	783310556886	High Voltage DC Leakage Tester, 500VDC or 5,000VDC; Includes Instruction Manual

# CLEARTEST® TRANSFORMER TESTER



Visual Indication of Open Circuits, Short Circuits, Shorted Turns or Windings

Strong Magnets Built into Bag and Tester

Heavy-Duty Carrying Bag for Maximum Tool Protection



Single Test Button

CT-300



## FEATURES

- Quickly tests deenergized power distribution transformers
- Briefly energizes the transformer and takes a snapshot of the condition by measuring the voltage, current and power factor of the test signal
- Tests overhead, pad-mount and distribution transformers
- Audible alarm confirms successful test
- Improve SAIDI statistics by quickly testing and getting the transformer back in service
- Auto self-test performed with every test
- Compact, lightweight and easy-to-use

## SPECIFICATIONS

Short	Power factor <0.3 to 0.5, current dependent
Open	Current <10µA
Transformer OK	Power factor ≥ 0.3 to 0.5, current dependent
Operating Frequency	50/60Hz
Operating Temperature Range	-20°F to +140°F (-29°C to +60°C)
Battery	(2) 9V field replaceable lithium or alkaline batteries
Weight	1.6 lb (0.72 kg)
Dimensions	7.8" L x 4" W x 2.3" H (19.5 cm x 10.1 cm x 5.9 cm)

CAT. NO.	UPC. NO.	DESCRIPTION
CT-300	783310556961	ClearTest Transformer Tester; Includes B-9 Carrying Bag
B-9	783310557029	Red Carrying Bag with Window and Two Magnets
B-2	783310055600	Optional Padded, Zippered Carrying Bag with Strap

# TILT TRANSFORMER TESTERS



## FEATURES

- Quick and easy check for opens or shorts on transformers before energizing
- Provides clear indications of open circuits, short connections and confirmation that the test results are OK
- Tests overhead, pad-mount and other distribution transformers
- Tests the primary and secondary sides of de-energized transformers without disconnecting
- Helps prevent line workers from installing a fuse on a shorted transformer

## SPECIFICATIONS

<b>Output Voltage</b>	6VDC maximum pulsed at 50Hz nominal
<b>Short</b>	≤ 10Ω, varies with battery voltage
<b>Open</b>	≥ 10Ω, varies with battery voltage
<b>Transformer OK</b>	Minimum inductance 800μH
<b>Operating Frequency</b>	50/60Hz
<b>Operating Temperature Range</b>	-20°F to +140°F (-29°C to +60°C)
<b>Battery</b>	9V field replaceable lithium or alkaline battery
<b>Weight</b>	TILT II: 1 lb 1 oz (0.47 kg) TILT II with magnet: 1 lb 2 oz (0.51 kg)
<b>Dimensions</b>	5.7" L x 3.6" W x 1.2" H (14.5 cm x 9.1 cm x 3.0 cm)
<b>Test Lead Length</b>	21" (53.34 cm) retracted, 54" (137.16 cm) fully extended

CAT. NO.	UPC. NO.	DESCRIPTION
TL-MAN-N	783310081043	TILT II Transformer Tester with Manual Self-Test; Includes B-8 Bag
TL-MAN-M	783310556978	TILT II Transformer Tester with Manual Self-Test and Magnet; Includes B-8 Bag
TL-AST-N	783310556985	TILT II Transformer Tester with Automatic Self-Test; Includes B-8 Bag
TL-AST-M	783310556992	TILT II Transformer Tester with Automatic Self-Test and Magnet; Includes B-8 Bag
B-8	783310557036	Replacement Padded Carrying Bag

# QUICK-CHECK® TRANSFORMER & CAPACITOR TESTERS



QUICK-CHECK Series



## FEATURES

- Quick and easy check for opens or shorts on transformers or capacitors before energizing
- Provides clear indications of open circuits, short connections and confirmation that the test results are OK
- Tests overhead, pad-mount and other distribution transformers as well as capacitors and capacitor banks
- Tests the primary and secondary sides of de-energized transformers and capacitors without disconnecting
- Helps prevent line workers from installing a fuse on a shorted transformer or capacitor

## SPECIFICATIONS

Output Voltage	6VDC maximum pulsed at 50Hz nominal
Short	≤ 10Ω, varies with battery voltage
Open	≥ 10Ω, varies with battery voltage
Transformer OK	Minimum inductance 800μH
Capacitor OK	Minimum capacitance 0.5μf Maximum capacitance 300μf
Operating Frequency	50/60Hz
Operating Temperature Range	-20°F to +140°F (-29°C to +60°C)
Battery	9V field replaceable lithium or alkaline battery
Weight	Quick-Check: 1 lb 1 oz (0.47 kg) Quick-Check with magnet: 1 lb 2 oz (0.51 kg)
Dimensions	5.7" L x 3.6" W x 1.2" H (14.5 cm x 9.1 cm x 3.0 cm)
Test Lead Length	21" (53.34 cm) retracted, 54" (137.16 cm) fully extended

CAT. NO.	UPC. NO.	DESCRIPTION
QC-MAN-N	783310081050	Quick-Check Transformer & Capacitor Tester with Manual Self-Test; Includes B-8 Bag
QC-MAN-M	783310557005	Quick-Check Transformer & Capacitor Tester with Manual Self-Test and Magnet; Includes B-8 Bag
QC-AST-N	783310557012	Quick-Check Transformer & Capacitor Tester with Automatic Self-Test; Includes B-8 Bag
QC-AST-M	783310628422	Quick-Check Transformer & Capacitor Tester with Automatic Self-Test and Magnet; Includes B-8 Bag
B-8	783310557036	Replacement Padded Carrying Bag

# CAP CHECK<sup>®</sup> SUBSTATION CAPACITOR TESTER



Heavy-Duty Carrying Case With Handles



Meters Display Current Through Each Capacitor and Voltage Applied to Capacitor Bank

Current Transformer and Cord



120V Power Supply and Ground Cords



CC-II/100

Voltage Test Leads



## FEATURES

- Self-contained substation capacitor bank testing solution
- Quickly and easily test capacitor banks for incipient faults, failures and ruptures without disconnecting individual capacitor
- A valuable asset in maintaining substation capacitor banks
- Determines the true internal condition of capacitors by impressing voltage across each capacitor
- Maintenance tool for substation capacitor banks to test for good, bad or failing capacitors

## SPECIFICATIONS

Power Required	120V, 50/60Hz, 20 amps
Maximum Current Output	13 amps
Operating Frequency	60Hz (50Hz available)
Operating Temperature Range	-25°F to +125°F (-32°C to +50°C)
Weight	122 lb (55 kg)
Dimensions	36" L x 18" W x 15" H (90 cm x 45 cm x 37.5 cm)
Sectional Hot Stick Length	24' L (7.2 m)
Cordage Length	50' L (15 m) each cord

# TEST & MEASUREMENT – HIGH VOLTAGE

## ACCESSORIES

### Current Transformers

	
CT002	CT004

CAT. NO.	UPC. NO.	DESCRIPTION
CC-II/100	783310556893	Substation Capacitor Checker – Carrying Case Version, Includes CT002 2" CT, Energizing Cord, Power Supply Cord and Ground Cord
CT002	783310556923	2" Current Transformer with Plug, Cord and Hot Stick Adapter
CT004	783310556947	4" Current Transformer with Plug, Cord and Hot Stick Adapter

# CAP CHECK® PORTABLE CAPACITOR TESTER



**FEATURES**

- Portable, self-contained capacitor testing solution
- Quickly test pole-mounted or individual capacitors for incipient faults, failures and ruptures without disconnecting
- Determine the internal condition of capacitors by impressing voltage across each capacitor
- Portable unit speeds testing

**SPECIFICATIONS**

Power Required	120V, 50/60Hz, 2 amps
Maximum Current Output	2 amps
Operating Frequency	60Hz (50Hz available)
Operating Temperature Range	-25°F to +125°F (-32°C to +50°C)
Weight	45 lb (20 kg)
Dimensions	11" L x 13" W x 19" H (27.5 cm x 32.5 cm x 47.5 cm)
Cordage Length	12' L (3.6 m) each cord

# TEST & MEASUREMENT – HIGH VOLTAGE

## ACCESSORIES

### Current Transformers

	
CT002/III	CT004/III

CAT. NO.	UPC. NO.	DESCRIPTION
CC-III/K01	783310556909	Distribution/Substation Capacitor Checker – Portable Version, Includes CT002/III 2" CT
CC-III	783310556916	Distribution/Substation Capacitor Checker – Portable Version, CT Sold Separately
CT002/III	783310556930	2" Current Transformer with Plug and Cord
CT004/III	783310556954	4" Current Transformer with Plug and Cord

# HIGH VOLTAGE AMMETER



## FEATURES

- Measures AC current from 1 to 2000 Amps on system voltages up to 500kV line-to-ground
- Stores the last 4 readings
- Dual measurement modes – peak hold and real time
- Takes spot-load checks with ease
- Verifies phases are balanced
- Versatile for overhead and underground applications
- Compact, lightweight design

## SPECIFICATIONS

Operating Voltage Range	Up to 500kV line-to-ground
Operating Frequency	25–500Hz
Operating Temperature Range	-20°F to +140°F (-29°C to +60°C)
LED Height	1.5" (3.8 cm)
Accuracy 50–60Hz	1–10A – 1% +/- 2 counts 11–100A – 1% +/- 3 counts 101–500A – 1% +/- 6 counts 501–2000A – 1% +/- 8 counts
Accuracy 25–49Hz and 61–500Hz	1–10A – 2% +/- 3 counts 11–100A – 2% +/- 4 counts 101–500A – 2% +/- 6 counts 501–2000A – 2% +/- 8 counts
Battery	9V field replaceable lithium or alkaline battery
Battery Life	About 100 readings
Weight	1.8 lb (0.8 kg)
Dimensions	11.5" L x 6.6" W x 4" H (29 cm x 17 cm x 10 cm)

# TEST & MEASUREMENT – HIGH VOLTAGE

## ACCESSORY

### Extension Hot Sticks

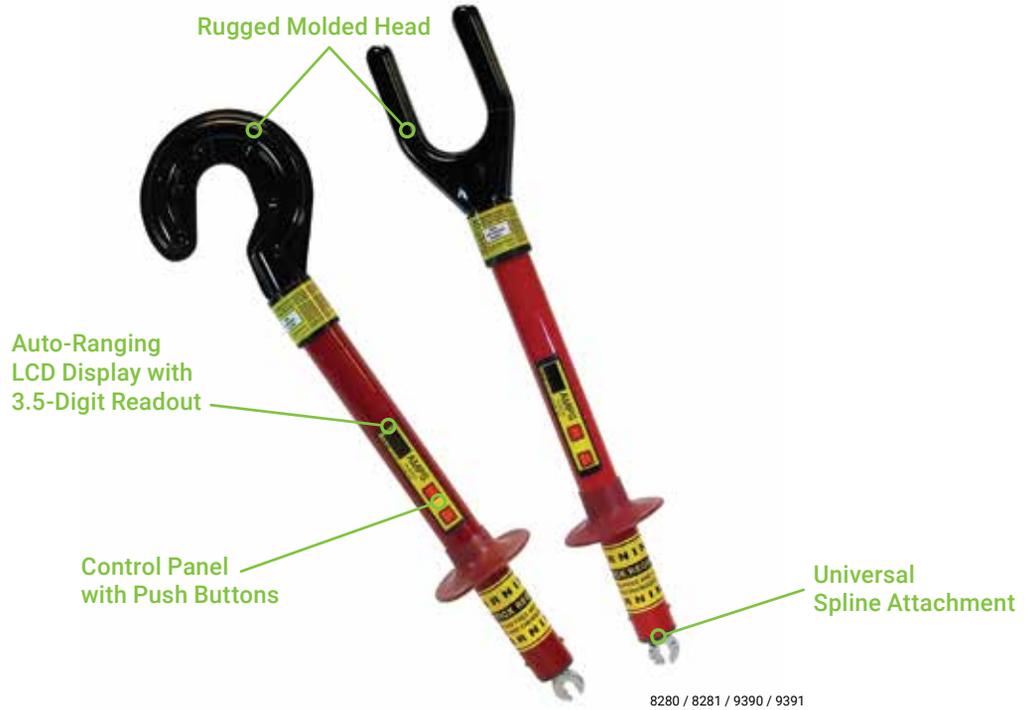


Different Lengths  
and Telescopic Hot  
Sticks Available

CAT. NO.	UPC. NO.	DESCRIPTION
HVA-2000	783310628309	High Voltage Digital Ammeter, 0-2000 AMPS AC with Large Digital Display, Holds Last 4 Readings; Includes B-5 Bag
HVA-2000H	783310557043	High Voltage Digital Ammeter, 0-2000 AMPS AC; Includes CS-HVA Case
S-4H	783310628439	4' Extension Hot Stick with Universal Spline, Foam Filled, 1-1/4" Diameter Fiberglass
S-6H	783310628446	6' Extension Hot Stick with Universal Spline, Foam Filled, 1-1/4" Diameter Fiberglass
B-4	783310555667	Vinyl Carrying Bag for (2) 4' Extension Hot Sticks
B-6	783310555674	Vinyl Carrying Bag for (2) 6' Extension Hot Sticks
CS-HVA	783310056072	Rugged Plastic Carrying Case
B-5	783310056027	Zippered Carrying Bag

**NOTE:** The use of a hot stick is required. Telescopic hot sticks are available.

# HALO<sup>®</sup> HIGH VOLTAGE AMMETERS



## FEATURES

- Quickly take current reading on system voltages up to 69kV
- Take spot-load checks with ease
- Verify phases are balanced
- Peak Hold mode (HALO I)
- Tracking and Peak Hold modes (HALO II)
- Versatile for overhead and underground applications

## SPECIFICATIONS

Operating Voltage Range	Up to 69kVAC line-to-line
Measurement Range	Low range: 0.1 to 199.9 Amps; High range: 199.9 to 1,999 Amps
Operating Frequency	25-1000Hz
Operating Temperature Range	0°F to +122°F (-18°C to +50°C)
Display	3.5-digit LCD, 0.5" (13 mm) high characters
Accuracy	+/- 3% of reading +/- 3 counts
Battery	9V field replaceable lithium or alkaline battery
Battery Life	40+ hours of continuous operation
Weight	2 lb 13 oz (1.28 kg)
Dimensions – 8280 and 9390 models	Maximum hook opening: 2.3" (5.8 cm) Maximum hook depth: 3.7" (9.4 cm) Tube dimensions: 18" L x 1.75" Dia. (45.7 cm x 4.5 cm) Overall length: 28" (71 cm)
Dimensions – 8281 and 9391 models	Outside fork dimension: 8.5" L x 5.5" W x 1.1875" Thick (22 cm x 14 cm x 3 cm) Inside fork dimension: 2.75" W x 5.5" Deep (7 cm x 14 cm) Tube dimensions: 18" L x 1.75" Dia. (45.7 cm x 4.5 cm) Overall length: 28" (71 cm)

# TEST & MEASUREMENT – HIGH VOLTAGE

## ACCESSORIES

Extension Hot Sticks	Hot Stick Adapter
	
Different Lengths and Telescopic Hot Sticks Available	HSA-2500

CAT. NO.	UPC. NO.	DESCRIPTION
8280	783310055877	HALO I Ammeter, 0-2000 AMPS AC with Peak Hold and Hook Head; Includes B-7 Bag
8280/HC-5	783310055884	HALO I Ammeter, 0-2000 AMPS AC with Peak Hold and Hook Head; Includes HC-5 Case
8281	783310055914	HALO I Ammeter, 0-2000 AMPS AC with Peak Hold and Fork Head; Includes B-7 Bag
8281/HC-5	783310055921	HALO I Ammeter, 0-2000 AMPS AC with Peak Hold and Fork Head; Includes HC-5 Case
9390	783310055938	HALO II Ammeter, 0-2000 AMPS AC with Peak Hold, Tracking and Hook Head; Includes B-7 Bag
9390/HC-5	783310055945	HALO II Ammeter, 0-2000 AMPS AC with Peak Hold, Tracking and Hook Head; Includes HC-5 Case
9391	783310056003	HALO II Ammeter, 0-2000 AMPS AC with Peak Hold, Tracking and Fork Head; Includes B-7 Bag
9391/HC-5	783310056010	HALO II Ammeter, 0-2000 AMPS AC with Peak Hold, Tracking and Fork Head; Includes HC-5 Case
S-4H	783310628439	4' Extension Hot Stick with Universal Spline, Foam Filled, 1-1/4" Diameter Fiberglass
S-6H	783310628446	6' Extension Hot Stick with Universal Spline, Foam Filled, 1-1/4" Diameter Fiberglass
HSA-2500	783310054818	Universal Hot Stick Adapter (Shotgun)
B-4	783310555667	Vinyl Carrying Bag for (2) 4' Extension Hot Sticks
B-6	783310555674	Vinyl Carrying Bag for (2) 6' Extension Hot Sticks
HC-5	783310056126	Aluminum Case with Foam Interior and Steel Corners
B-7	783310056102	Nylon Zippered Carrying Bag

**NOTE:** The use of a hot stick is required. Telescopic hot sticks are available.

# FEEDER AMMETER CLEAR TEST



FACT-1

## FEATURES

- Portable solution indicates the presence of grounds or short circuits on 3-phase conductors of a primary feeder or transformer secondaries
- Alerts user to grounds left in place before the circuit is energized
- Helps prevent fault currents, transformer damage and blown fuses

## SPECIFICATIONS

Measurement Range	Up to 5A current
Operating Frequency	60Hz
Operating Temperature Range	0°F to +90°F (-18°C to +32°C)
Output	120VAC
Display	LCD display
Power	120VAC
Weight	30 lb (13.6 kg)
Dimensions	21" W x 16.5" L x 11.5" H (53 cm x 42 cm x 29 cm)

CAT. NO.	UPC. NO.	DESCRIPTION
FACT-1	783310557050	Feeder Ammeter Clear Test – Unintentional Grounds Detector; Includes (4) Test Cables and Power Cord

# LOAD BOX



Blown Fuse Indicator Lamps



40A Fused Disconnect Switch

LB-5 / LB-5-1

Secondary Connection Leads

## FEATURES

- Helps prevent damaging effects of ferroresonance found on lightly loaded or unloaded 3-phase power systems during single phase switching
- Ferroresonance typically occurs on medium voltage distribution transformers and power cables during single phase switching
- Overvoltage leads to insulation breakdown resulting in damage to the transformer, lightning arresters and other equipment
- 5,000 watt per phase loading
- Resistive load up to 3 phases

## SPECIFICATIONS

Operating Voltage Range	120/208V and 277/480V auto-ranging
Operating Frequency	50/60Hz
Operating Temperature Range	-25°F to +125°F (-32°C to +50°C)
Power	5kW per phase, 15kW total
Weight	55 lb (24.9 kg)
Dimensions	28" L x 14.5" W x 18" H (71 cm x 37 cm x 46 cm)

CAT. NO.	UPC. NO.	DESCRIPTION
LB-5	783310557067	Dual Voltage Load Box, 120/208V and 277/480V; Includes (4) Test Cables
LB-5-1	783310557074	Dual Voltage Load Box, 120/208V and 277/480V; Includes a Switch to Unground the Load and (4) Test Cables

# CABLE DISTANCE METERS



**LCD Display**

**Simple Two-Button Operation**

**Battery Compartment**

CDM-50 / CDM-75

## FEATURES

- Measures cable sag, height and clearance of overhead conductors via an ultrasonic signal
- Alternative to telescopic measuring poles
- No physical connection to cables or wires required
- Simple, three-button operation ensures fast, effective measurements

## SPECIFICATIONS

1" (25 mm) Cable Diameter	CDM-50: 10' – 50' (3 m – 15 m); CDM-75: 10' – 75' (3 m – 23 m)
0.5" (12 mm) Cable Diameter	CDM-50: 10' – 50' (3 m – 15 m); CDM-75: 10' – 50' (3 m – 15 m)
0.25" (5.5 mm) Cable Diameter	CDM-50: 10' – 40' (3 m – 12 m); CDM-75: N/A
0.125" (2.5 mm) Cable Diameter	CDM-50: 10' – 33' (3 m – 10 m); CDM-75: N/A
Number of Wire Measures	CDM-50: 6; CDM-75: 6
Accuracy	0.5% +/- 2 digits
Resolution – Range Less Than 33' (10 M)	0.25" (5 mm)
Resolution – Range More Than 33' (10 M)	0.5" (10 mm)
Minimum Gap Between Wires	6" (150 mm)
Operating Temperature Range	+14°F to +104°F (-10°C to +40°C)
Battery	9V field replaceable lithium or alkaline
Battery Life	50,000 measurements with long life alkaline type
Measurement Units	Imperial (feet/inches) or metric (meters)
Auto Power Off Delay	3 minutes
Weight	1 lb (0.5 kg)
Dimensions	7.5" L x 3" W x 2.5" H (19.0 cm x 7.6 cm x 6.3 cm)

**NOTE:** Specifications based on ambient temperature of 68°F (20°C)

CAT. NO.	UPC. NO.	DESCRIPTION
CDM-50	783310557081	Cable Distance Meter Measures up to 6 Wires, 50' Range with B-20 Bag
CDM-75	783310557098	Cable Distance Meter Measures up to 6 Wires, 75' Range with B-20 Bag
B-20	783310557104	Padded, Zippered Carrying Bag

**NOTE:** Available in USA / Canada only

# PHASE SEQUENCE INDICATOR



## FEATURES

- Make three-phase circuit installations or alterations
- Used for making continuity tests of circuits of poly-phase systems
- Use to connect power factor, volt-ampere, watt, watt-hour meters and relays
- No range switching or lamps
- Compact, lightweight and easy-to-use solution

## SPECIFICATIONS

Operating Frequency	25–60Hz
Operating Voltage	60–600V
Weight	2 lb (1 kg)
Housing Dimensions	3.25" dia x 1.75" H (8.3 cm x 4.4 cm)
Test Leads Length	36" (91.4 cm)

CAT. NO.	UPC. NO.	DESCRIPTION
K-7-1	783310557166	Phase Sequence Indicator

# HI-TEST® ROPE TESTER



LED Lights Indicate Good (Green) or Bad (Red) Dielectric Condition

Molded Handle for Easy Portability



RT-200

Buzzer for Audible Warning when Defective Rope Section is Identified



## FEATURES

- Designed to test dielectric integrity of line ropes and straps in the field
- Continuously test any length of rope or straps
- Use with ropes ranging from 3/8" dia. (9.5 mm) to 1.5" dia. (38 mm)
- Powered by a rechargeable Li-Ion battery

## SPECIFICATIONS

Output Voltage and Current	7kVDC maximum open circuit voltage 40mA maximum short circuit current
Current Threshold For Bad Indication	15 microamps
Battery	Rechargeable lithium-ion
Battery Life	16 hours of continuous use under normal conditions
Operating Temperature Range	-25°F to +125°F (-32°C to +52°C)
Weight (With Battery)	3 lb (1.36 kg)
Dimensions	9" L x 7.5"W x 9" H (23 cm x 19 cm x 23 cm)

# TEST & MEASUREMENT – HIGH VOLTAGE

## ACCESSORIES

### Charger Accessories

		
025-02220-120V	050-02050-12V	050-00310-PRX

CAT. NO.	UPC. NO.	DESCRIPTION
RT-200	783310056157	Rope Tester; Includes Battery and 120VAC Charging Adapter
RT-200/220P	783310557111	Rope Tester; Includes Battery and 220VAC Charging Adapter
075-02020-8VLI	783310556664	Replacement Lithium-Ion Battery for RT-200 Models Manufactured After Jan 2016 (3-pin charger)
025-02220-120V	783310556671	120VAC 3-Pin Charging Adapter for RT-200 Models Manufactured After Jan 2016
050-02050-12V	783310556688	12VDC 3-Pin Charging Cord for RT-200 Models Manufactured After Jan 2016
050-00310-PRX	783310055631	220VAC 3-Pin Charging Adapter Kit for RT-200 Models Manufactured After Jan 2016
075-IT3-8VX4	783310056164	Replacement 8VDC Sealed Lead-Acid Rechargeable Battery for RT-200 Models Manufactured Before 2016 (2-pin charger)
025-02070-120V	783310056171	120VAC 2-Pin Charging Adapter for RT-200 Models Manufactured Before 2016
050-02000-12V	783310056188	12VDC 2-Pin Charging Cord for RT-200 Models Manufactured Before 2016
050-02025-220V	783310056195	220VAC 2-Pin Charging Adapter for RT-200 Models Manufactured Before 2016

# PHASE ROTATION METER



## FEATURES

- Easily determine phase rotation
- Dual range 0–5kV and 0–15kV, optional add-on resistors available for use up to 45kV
- Optional accessories available for overhead and underground applications

## SPECIFICATIONS

Operating Frequency	50/60Hz
Voltage Range	0–5kV / 5–15kV / 15–45kV (with optional add-on resistors)
Meter Face Size	3" (7.6 cm)
Operating Temperature Range	–20°F to +140°F (–29°C to +60°C)
Weight	5.3 lb (2.4 kg)
Meter Housing Dimensions	5" W x 4.25" L x 1.38" H (13 cm x 11 cm x 3.5 cm)
Diameter of Fiberglass	1" (2.54 cm)
Coiled Cord Length	Coil cord: Retracted: 3.5' (1.7 m); Extended: 12' (3.6 m) Ground lead: 35" (89 cm)
Cord Voltage Rating	Up to 10kV

# TEST & MEASUREMENT – HIGH VOLTAGE

## PROBES AND ACCESSORIES

Overhead Probes	Add-On Resistor	Underground Dead Front Bushing Probes	Insulated Underground Probe	Underground Elbow Probe	Proof Tester® Voltmeter/Phaser Tester	Extension Hot Sticks	Hot Stick Adapter
							
025-OLPS-5 (l); 025-OLPS-6 (r)	R-45	ASP-15/25 (l); ASP-35U (r)	GCP-1	EA-15/25	PT-5000B	Different Lengths and Telescopic Hot Sticks Available	HSA-2500

CAT. NO.	UPC. NO.	DESCRIPTION
PRM-100	783310042853	Phase Rotation Meter, 0-5/0-15kV, up to 45kV with Optional R-45 Resistor Sticks; Includes (2) 025-OLPS-5 Overhead Brass Hook Probes and CM-100/V Case
025-OLPS-5	783310555834	Overhead Brass Hook Probe
025-OLPS-6	783310555841	Overhead Brass Pigtail Probe
R-45	783310042860	Add-on Resistor Stick (pair required)
ASP-15/25	783310055297	15kV and 25kV Class Insulated Underground Probe for Loadbreak Bushings
ASP-35U	783310555773	35kV Insulated Underground Probe for Loadbreak Bushings Designed for Both Elastimold® and Cooper® (RTE) Bushings
GCP-1	783310555803	General Contact Underground Distribution Probe
EA-15/25	783310555797	15kV and 25kV Class Underground Loadbreak Elbow Probe
PT-5000B	783310628392	Proof Tester Voltmeter Tester Confirms Proper Operation. 9V Battery Operated. 5000V Output
S-4H	783310628439	4' Extension Hot Stick with Universal Spline, Foam Filled, 1-1/4" Diameter Fiberglass
S-6H	783310628446	6' Extension Hot Stick with Universal Spline, Foam Filled, 1-1/4" Diameter Fiberglass
HSA-2500	783310054818	Universal Hot Stick Adapter (Shotgun)
B-4	783310555667	Vinyl Carrying Bag for (2) 4' Extension Hot Sticks
B-6	783310555674	Vinyl Carrying Bag for (2) 6' Extension Hot Sticks
CM-100/V	783310556879	Metal Carrying Case

**NOTE:** The use of a hot stick is required. Other kits and telescopic hot sticks are available.

# CABLE IDENTIFIER



## FEATURES

- Identifies matching phase on long deenergized and discharged conductors
- 50VDC test voltage enables identification of up to 5,000 foot-long conductors
- Compact, lightweight and easy-to-use solution
- Versatile for overhead and underground applications

## SPECIFICATIONS

Operating Frequency	50/60Hz
Test Voltage	50VDC
Maximum Underground Cable Length Tested	5,000' (1,524 m)
Operating Temperature Range	-40°F to +120°F (-40°C to +49°C)
Battery	9V field replaceable alkaline or lithium in each unit
Weight	Transmitter: 1 lb 9.6 oz (0.73 kg) Receiver: 1 lb 7.3 oz (0.66 kg)
Dimensions	4.5" W x 8" L x 7.5" D (11.4 cm x 20.3 cm x 19.0 cm) each unit
Ground Cord Lead Length	Transmitter: 38" (96.5 cm) Receiver: 21" (53.3 cm)

# TEST & MEASUREMENT – HIGH VOLTAGE

## ACCESSORIES

Extension Hot Sticks	Hot Stick Adapter
	
Different Lengths and Telescopic Hot Sticks Available	HSA-2500

CAT. NO.	UPC. NO.	DESCRIPTION
PF-50	783310557159	Phase Flasher Cable Identifier, Includes Transmitter, Receiver and B-5 Bag
S-4H	783310628439	4' Extension Hot Stick with Universal Spline, Foam Filled, 1-1/4" Diameter Fiberglass
S-6H	783310628446	6' Extension Hot Stick with Universal Spline, Foam Filled, 1-1/4" Diameter Fiberglass
HSA-2500	783310054818	Universal Hot Stick Adapter (Shotgun)
B-4	783310555667	Vinyl Carrying Bag for (2) 4' Extension Hot Sticks
B-6	783310555674	Vinyl Carrying Bag for (2) 6' Extension Hot Sticks
B-5	783310056027	Zippered Carrying Bag

**NOTE:** Telescopic hot sticks are available.

# THREE PHASE CABLE IDENTIFIER



## FEATURES

- Identifies matching phases on long deenergized and discharged conductors
- Identifies all three cable phases simultaneously and any shorted phases
- 36VDC test voltage enables identification of up to 7 mile-long conductors
- Compact, lightweight and easy-to-use solution
- Versatile for overhead and underground applications

## SPECIFICATIONS

Operating Frequency	50/60Hz
Operating Voltage	38kVDC maximum
Operating Temperature Range	-40°F to +120°F (-40°C to +49°C)
Battery	9V field replaceable alkaline or lithium in each unit
Weight	Each Unit: 1.1 lb (.5 kg)
Housing Dimensions	5" W x 4.25" L x 1.38" H (13 cm x 11 cm x 3.5 cm)
Test Leads Length	24" (61 cm)

CAT. NO.	UPC. NO.	DESCRIPTION
31D-100	783310056218	Three Phase Cable Identifier, Includes Sender, Receiver and B-5 Bag
B-5	783310056027	Zipped Carrying Bag

# FUSE TOOL



## FEATURES

- Quickly remove and install most cutout-type overhead fuse links
- Provides greater control of the fuse link during installation and removal
- Helps eliminate the danger of falling fuses

## SPECIFICATIONS

Weight	1.07 lb (0.5 kg)
Dimensions	7.75" H x 8" L x 2.4" D (19.7 cm x 20.3 cm x 6.1 cm)

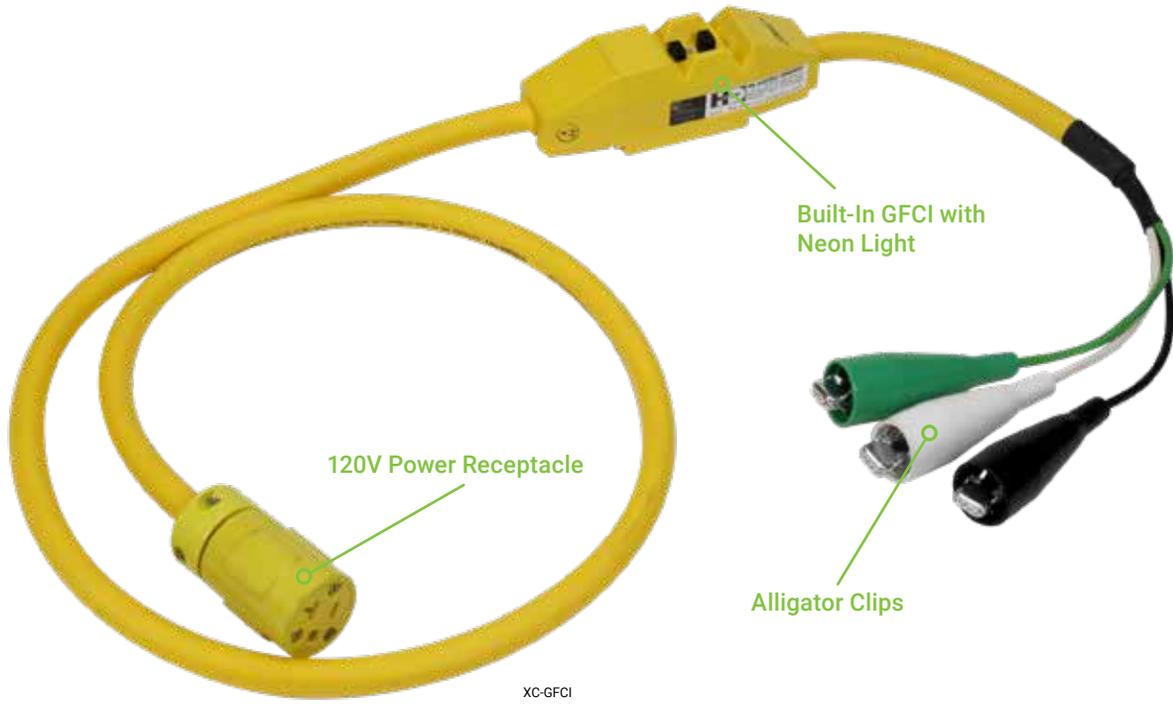
## ACCESSORIES

Extension Hot Sticks	Hot Stick Adapter
	
Different Lengths and Telescopic Hot Sticks Available	HSA-2500

CAT. NO.	UPC. NO.	DESCRIPTION
FT-1	783310056225	Fuse Tool
S-4H	783310628439	4' Extension Hot Stick with Universal Spline, Foam Filled, 1-1/4" Diameter Fiberglass
S-6H	783310628446	6' Extension Hot Stick with Universal Spline, Foam Filled, 1-1/4" Diameter Fiberglass
HSA-2500	783310054818	Universal Hot Stick Adapter (Shotgun)
B-4	783310555667	Vinyl Carrying Bag for (2) 4' Extension Hot Sticks
B-6	783310555674	Vinyl Carrying Bag for (2) 6' Extension Hot Sticks

**NOTE:** The use of a hot stick is required.

# EXTENSION CLIP CORD



## FEATURES

- Powers 120V tools without a need for a power supply
- Attaches to the terminals of a meter socket or transformer using alligator clips
- Grounded 120V plug with built-in GFCI allows testing before each use

## SPECIFICATIONS

Output Voltage	120VAC
Weight	2 lb (0.9 kg)
Dimensions	6'-7" L (200.6 cm)

CAT. NO.	UPC. NO.	DESCRIPTION
XC-GFCI	783310557173	Clip Cord with GFCI Circuit

Cooper® is a trademark of COOPER US, INC.  
 Elastimold® is a registered trademark of Thomas & Betts International, Inc.  
 Hubbell is a registered trademark of Hubbell Incorporated.

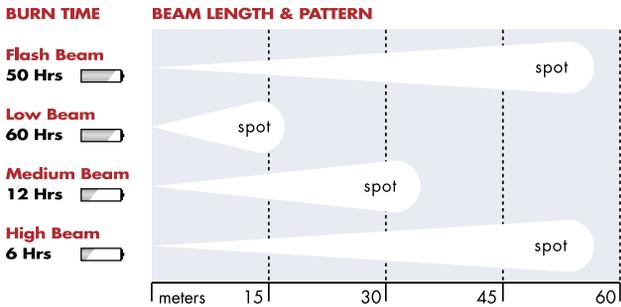
# CYCLOPS® BATTERY POWERED HEADLAMPS



Cyclops LED

## FEATURES

- LED light mounts on hard hat and allows quick and efficient hands-free movement
- Allows for even distribution of weight across the forehead
- Water-resistant
- Field replaceable batteries



## SPECIFICATIONS

Power	1 Watt
Battery	3 AAA field replaceable
Battery Life With Alkaline Batteries	50–60 hours
Weight With Batteries	4.5 oz (0.13 kg)
Approximate Bulb Burn Life	10,000 hours

Cyclops Headlamps are not explosion proof

CAT. NO.	UPC. NO.	DESCRIPTION
CY3-LED	783310557180	Cyclops with 4 Setting LED Bulb – High/Med/Low/Flash, (3) AAA Batteries and Rubber Strap

**NOTE:** An elastic strap and replacement parts are available.



# STORAGE

Contractors rely on Greenlee storage solutions to keep product safe, stay organized and get the job done efficiently. From storage chests to field offices, Greenlee storage and handling solutions are built to stand up to the toughest job site conditions.

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# MINI COMPACT FIELD OFFICE BOX

## MOBILE TECH-READY WORKSTATION



**Auto-Locking Gas Spring**  
Provides safer closing of door and helps prevent accidental drops



**Narrow Design**  
Fits through 36" doorways

**Bracket-mount**  
Accommodates up to 40" TV monitors  
\*Mounting kit not included

**Weather Resistant Stripping**  
Helps prevent moisture from getting inside the box

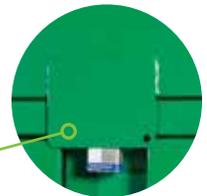
**Sliding Shelf**  
Pull-out storage for laptop or keyboard

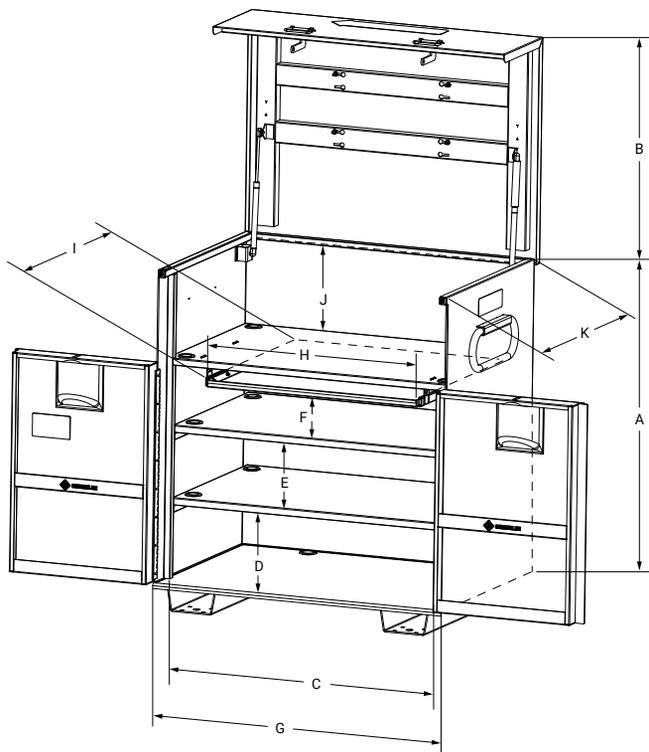
**Cable Pass-Through Holes**  
Contains cable holes for an organized work space

**Non-Marking Casters**  
Includes 2 swivel locking and 2 rigid wheels

**Covered Padlock Guard**  
Protects, locks and improves security  
\*Padlock not included

Mini-CFO





**SPECIFICATIONS**

Height (Without Casters)	48.25"
Height (Top Open)	79.5"
Width (Doors Open)	87.5"
Weight	427 lb

**DIMENSIONS**

A	B	C	D	E	F	G	H	I	J	K
44.5"	31"	42"	10.25"	9"	6"	44"	31.5"	17"	13"	32"

CAT. NO.	UPC NO.	DESCRIPTION
MINI-CFO	783310064749	Mini Compact Field Office



8060-DLX

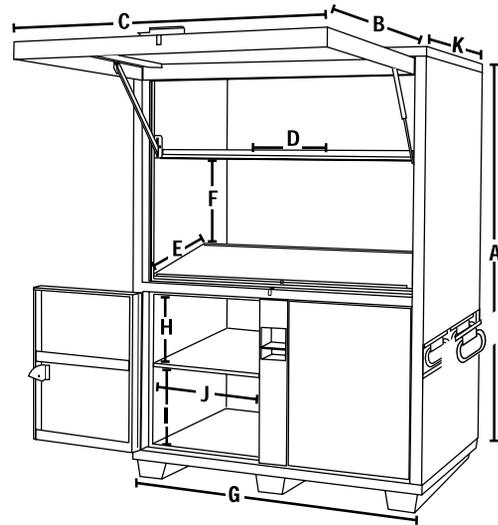
## Field Offices

- Slanted work surface with lockable, concealed storage area
- Concealed lock protectors protect locks from drilling and cutting
- Weather stripping on doors to help protect documents and tools from the elements
- Lid with heavy-duty gas spring and a locking arm for ease of opening and safety
- Shelving throughout, for organizing and storing jobsite tools and supplies (8060-DLX)
- Bracket-mount 55" (7060-CFO)
- Grooved front doors for ease of opening and storage compartment access
- Patented, ergonomically designed fold-down recessed handles
- Continuous, non-removable pin hinges
- Overlapping corners, rolled edges, and strategically placed reinforcements for added strength
- Recommend #1 and #5 Master Lock® padlocks or equivalent
- Welded 16-gauge steel construction for durability
- Transportable with forklift
- Optional casters available for increased mobility

SPECIFICATIONS	8060-DLX	7060-CFO
Capacity FT <sup>3</sup>	60.4	-
Weight	549 lb (249 kg)	450 lb (204 kg)



7060-CFO



### DIMENSIONS

	A	B	C	D	E	F	G	H	I	J	K
8060-DLX	80"	41.6"	54.5"	20.6"	26.8"	19.2"	59"	14"	15.5"	23"	42"
7060-CFO	41.6"	54.5"	-	26.8"	-	59"	14"	15.5"	23"	30.5"	-



Optional casters available for increased mobility. See page 505 for options.

CAT. NO.	UPC NO.	DESCRIPTION
8060-DLX	783310047193	Field Office
7060-CFO	783310039648	Compact Field Office with casters



### Four Door Compact Field Office

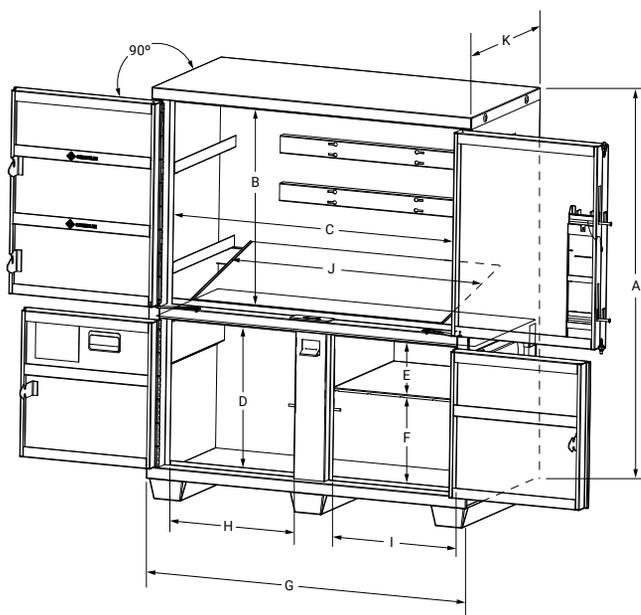
- Sized to fit 36" doorways
- Ability to mount up to a 55" monitor
- Removable shelving to accommodate larger items that may need to be stored or installed
- Sliding shelf for pull-out storage of laptop, keyboard, etc.
- Automatic locking gas spring secures lid in upright position
- Weather resistant stripping to help prevent moisture from getting into the box
- Cable pass-through holes for easy installation
- Casters not included

#### SPECIFICATIONS

Height (Without Casters)	70.3"
Width (Doors Open)	111"
Weight	467 lb



Optional casters available for increased mobility. See page 505 for options.



#### DIMENSIONS

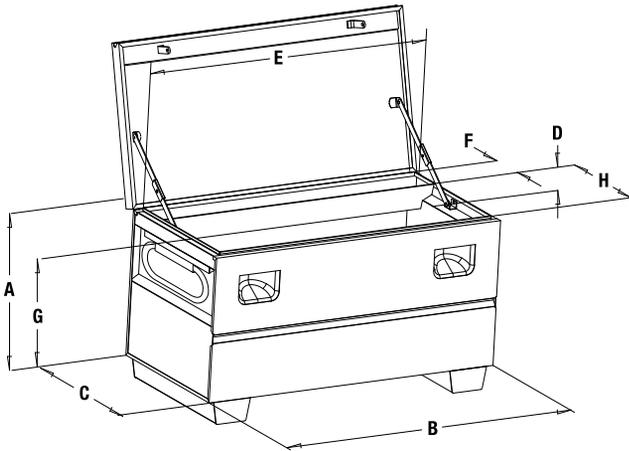
A	B	C	D	E	F	G	H	I	J	K
70"	33.5"	52.5"	24"	8.5"	14.5"	59"	23"	23"	46"	30"

CAT. NO.	UPC NO.	DESCRIPTION
4D-CFO	783310064756	Compact Field Office

# CHESTS



2460



Optional casters available for increased mobility. See page 505 for options.

## Heavy-Duty Jobsite Chests

- Recessed and concealed lock protectors for maximum security against drilling and cutting locks (Model 1332 and 1636 one lock protector only)
- Finger-groove lid handle for easy opening
- Convenient storage tray on back wall for small items (Models 2448, 2460, 2472, 3048)
- "X" models do not include rear tray for larger opening
- Heavy-duty piano hinges with non-removable pin
- Patented, ergonomically designed fold-down recessed handles
- Angled 3-1/2" high support skids feature threaded holes for easy caster installation
- Welded 16-gauge steel construction for durability
- Recommend #1 and #5 Master Lock® padlocks or equivalent

### SPECIFICATIONS

	1332	1636	2142	2448	2460	3048	2472
Capacity FT <sup>3</sup>	4.9	6.7	9.7	16.6	20.8	25	25
Weight	78 lb (35 kg)	101 lb (46 kg)	124 lb (56 kg)	159 lb (72 kg)	184 lb (83 kg)	200 lb (91 kg)	214 lb (97 kg)

### DIMENSIONS

	A	B	C	D	E	F	G	H	I
1332	14"	32"	19"	—	29.5"	—	—	—	16.75"
1636	17"	36"	19"	—	33.5"	—	—	—	16.75"
2142	20"	42"	20"	—	39.5"	—	—	—	17.75"
2448	25"	48"	24"	4"	45.5"	4"	19"	15.5"	21.75"
2448X	25"	48"	24"	—	45.5"	—	—	15.5"	21.75"
2460	25"	59"	24"	4"	57.5"	4"	19"	15.5"	21.75"
2460X	25"	59"	24"	—	57.5"	—	—	15.5"	21.75"
3048	30"	48"	30"	4"	45.5"	4"	24"	21.5"	27.75"
3048X	30"	48"	30"	—	45.5"	—	—	21.5"	27.75"
2472	25"	72"	24"	4"	69.5"	4"	19"	15.5"	21.75"
2472X	25"	72"	24"	—	69.5"	—	—	15.5"	21.75"

CAT. NO.	UPC NO.	DESCRIPTION
1332	783310387176	Storage chest without tray
1636	783310387183	Storage chest without tray
2142	783310316510	Storage chest without tray
2448	783310232735	Storage chest
2448X	783310008521	Storage chest without tray
2460	783310233633	Storage chest
2460X	783310008583	Storage chest without tray
3048	783310233626	Storage chest
3048X	783310008538	Storage chest without tray
2472	783310074830	Storage chest
2472X	783310008590	Storage chest without tray

# STORAGE



1230

## Welder's Boxes

- Protects small tools and supplies and comes with a single lock hasp for use with padlock
- Compact side handles for easy portability
- Heavy-duty hinges, plus chain connector to hold lid in open position
- Welded 16-gauge steel construction for durability
- Recommend #1 and #5 Master Lock® padlocks or equivalent

### SPECIFICATIONS

	1230	1531
Capacity FT <sup>3</sup>	3.3	4.8
Height	12"	15"
Width	30"	31"
Depth	16"	18"
Weight	42 lb (19 kg)	52 lb (24 kg)

CAT. NO.	UPC NO.	DESCRIPTION
1230	783310315100	Welder's box
1531	783310232742	Welder's box

# PIANO-STYLE BOXES



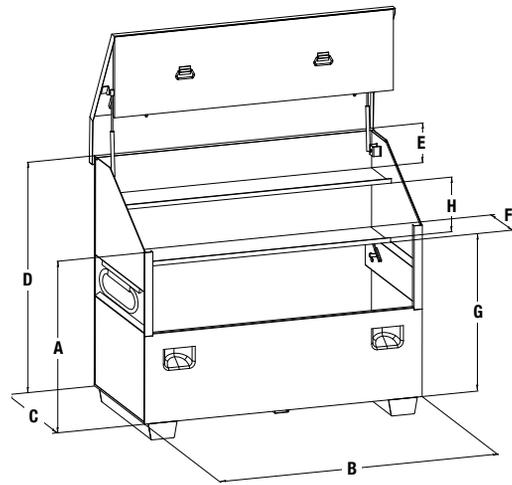
3648

## Slant-Top Boxes

- Large capacity storage with traditional slant-top design
- Recessed and concealed lock protectors provide maximum security against drilling and cutting locks
- Channel reinforcements on lid, lock side panels into lid for added security when closed
- Hinged lower shelf enables storage of larger items
- Angled 3-1/2" high support skids feature threaded holes for easy caster installation
- Angled handle recess prevents pinch points
- Features two reinforced steel shelves with large lip to prevent items from rolling off (Model 2260, one shelf only)
- Model 2260 comes with lid support to form waist-high, flat work area
- Patented, ergonomically designed fold-down recessed handles
- Welded 16-gauge steel construction for durability
- Recommend #1 and #5 Master Lock® padlocks or equivalent

### SPECIFICATIONS

	2260	3648	3660
Capacity FT <sup>3</sup>	32	34	44
Weight	273 lb (124 kg)	270 lb (123 kg)	314 lb (142 kg)



### DIMENSIONS

	A	B	C	D	E	F	G	H
2260	32"	60"	32"	36"	12"	12"	21"	–
3648	34"	48"	30"	48"	5"	12"	27"	11"
3660	44"	60"	30"	48"	5"	12"	27"	11"



Hinged Lower Shelf



Optional casters available for increased mobility. See page 505 for options.

CAT. NO.	UPC NO.	DESCRIPTION
2260	783310232704	Slant-top box
3648	783310232766	Slant-top box
3660	783310231967	Slant-top box

# STORAGE



## Flat-Top Boxes

- Flat-top design provides more storage capacity for tall, bulky items, plus a large work surface for jobsite plans
- Recessed and concealed locks protectors for maximum security against drilling and cutting lock
- Channel reinforcements on lid, lock side panels into lid for added security when closed
- Hinged lower shelf allows for easy storage of larger objects (except Model 3360)
- Side-wall storage (except Model 3360)
- Double hinge cover folds up and out of the way
- Angled 3-1/2" high support skids feature threaded holes for easy caster installation
- Patented, ergonomically designed fold-down recessed handles
- Welded 16-gauge steel construction for durability
- Recommend #1 and #5 Master Lock® padlocks or equivalent

### SPECIFICATIONS

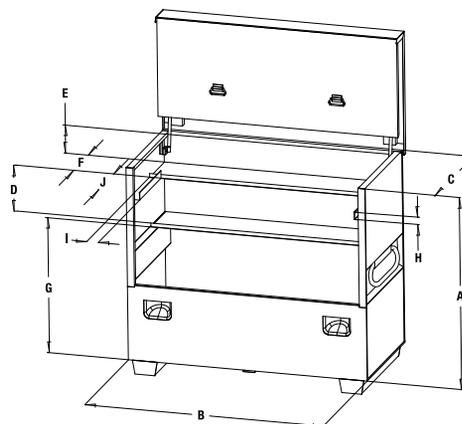
	3360	4848	4860	4872
Capacity FT <sup>3</sup>	34.5	40	50	60
Weight	256 lb (116 kg)	283 lb (128 kg)	358 lb (162 kg)	373 lb (169 kg)



Hinged Lower Shelf



Optional casters available for increased mobility. See page 505 for options.



### DIMENSIONS

	A	B	C	D	E	F	G	H	I	J
3360	33"	59"	30"	—	12.5"	12"	20"	—	—	—
4848	48"	48"	30"	11"	7"	12"	27"	2"	3"	17"
4860	48"	59"	30"	11"	7"	12"	27"	2"	3"	17"
4872	48"	72"	30"	11"	7"	12"	27"	2"	3"	17"

CAT. NO.	UPC NO.	DESCRIPTION
3360	783310387190	Flat-Top box
4848	783310350439	Flat-Top box
4860	783310350576	Flat-Top box
4872	783310074878	Flat-Top box

# CABINETS



5660LH

## Utility Cabinets

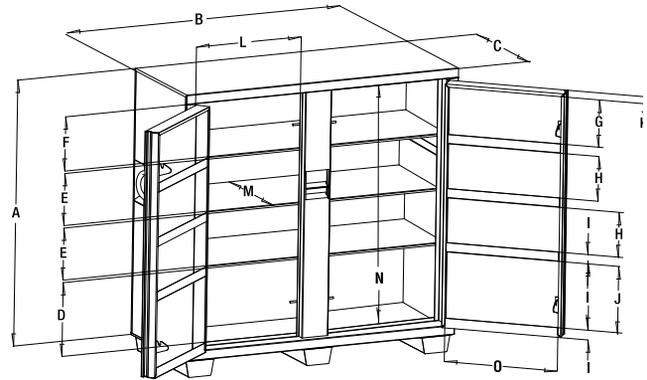
- Recessed and concealed locks protectors for maximum security against drilling and cutting lock
- Flush-mounted doors
- Finger-groove door handles
- Front-door storage
- Large, lower storage areas for bigger items
- Angled 3-1/2" high support skids feature threaded holes for easy caster installation
- Three 3-1/2" high support skids
- Weather-resistant design
- Open storage for shovels, picks, brooms and other long-handled tools (Model 5660LH only)
- Patented, ergonomically designed fold-down recessed handles
- Welded 16-gauge steel construction for durability
- Recommend #1 and #5 Master Lock® padlocks or equivalent

### SPECIFICATIONS

	5660L	5660LH	5760TD
Capacity FT <sup>3</sup>	46	46	59.3
Weight	389 lb (176 kg)	375 lb (170 kg)	441 lb (200 kg)



Optional casters available for increased mobility. See page 505 for options.



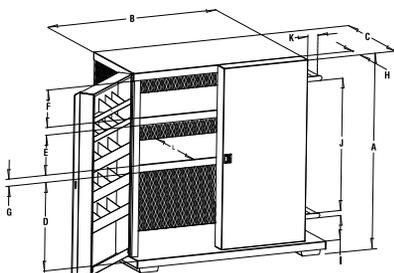
### DIMENSIONS

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
5660L	56"	59"	24"	15"	10.5"	11.5"	10"	10"	2"	14"	3"	23"	20.5"	50.5"	24"
5660LH	56"	59"	24"	15"	10.5"	11.5"	10"	10"	2"	14"	3"	23"	20.5"	50.5"	24"
5760TD	56"	59"	30"	15"	10.5"	11.5"	10"	10"	2"	14"	3"	23"	26.5"	50.5"	24"

CAT. NO.	UPC NO.	DESCRIPTION
5660L	783310386599	Utility cabinet
5660LH	783310074861	Utility cabinet
4860	783310350576	Utility cabinet



5060MESH



## Mesh Cabinets

- High-visibility mesh screen on three (3) sides
- Doors have a total of 48 individual compartments to organize smaller tools and materials
- Platform for long-handle tools
- Sturdy handle for mobility
- Supplied with two (2) swivel casters and two (2) rigid 4" (102 mm) casters for easy mobility (Model 696)
- Welded 16-gauge steel construction for durability
- Recommend #1 and #5 Master Lock® padlocks or equivalent

### SPECIFICATIONS

Capacity FT <sup>3</sup>	37.3
Weight	401 lb (182 kg)

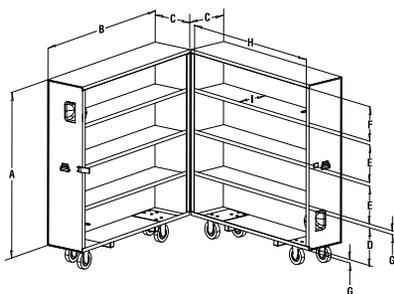
### DIMENSIONS

A	B	C	D	E	F	G	H	I	J	K	L
52"	48"	28"	22"	10.5"	10"	2"	4"	5"	35"	5.5"	23"

CAT. NO.	UPC NO.	DESCRIPTION
5060MESH	783310044604	Mesh cabinet



5860



## Bi-Fold Cabinet

- Maximum storage capacity with minimum floor space requirements
- Four (4) individual 15" D x 14-1/2" H x 59" W (381 x 368 x 1524 mm) storage compartments on each side
- Reinforced steel shelves welded in place for added strength and durability
- All shelves feature large front lip to keep small items from rolling off
- Each bi-fold section is mounted on four casters for easy opening and closing
- Six (6) swivel and two (2) rigid 6" (152 mm) casters included for easy mobility (Models 503 and 603)
- Welded 16-gauge steel construction for durability
- Recommend #1 and #5 Master Lock® padlocks or equivalent

### SPECIFICATIONS

Capacity FT <sup>3</sup>	60.4
Weight	549 lb (249 kg)

### DIMENSIONS

A	B	C	D	E	F	G	H	I
58"	59"	15"	13"	13"	12"	1"	57"	14.5"

CAT. NO.	UPC NO.	DESCRIPTION
5860	783310350682	Bi-Fold cabinet
04339	783310043393	Latch Repair Kit (5860)



## Mobile Workbench

- Tough composition board work surface on top with built-in chain vise and telescoping wrench stop
- Removable self-stored shelf enables storage of larger items
- Supplied with two (2) locking swivel casters and two (2) rigid 6" (152 mm) casters for easy mobility (Model 703)
- Recessed and concealed lock protectors for maximum security against drilling and cutting lock
- Finger-groove door handles
- Large lower storage areas for bigger items
- Continuous, non-removable hinge pins to prevent theft
- Patented, ergonomically designed fold-down recessed handle
- Includes heavy-duty chain vise (3548 only)
- Welded 16-gauge steel construction for durability
- Recommend #1 and #5 Master Lock® padlocks or equivalent



### SPECIFICATIONS

Capacity FT <sup>3</sup>	20
Weight	293 lb (133 kg)

### DIMENSIONS

A	B	C	D	E	F	G	H	I	J	K	L	M
30"	48"	24"	11"	20.5"	17.5"	15"	9.5"	2"	13"	3"	17"	27"

CAT. NO.	UPC NO.	DESCRIPTION
3548	783310312291	Mobile workbench with chain vise
3548X	783310015130	Mobile workbench without chain vise

# PARTS & ACCESSORIES



## Casters

- Caster bolt pattern 2-7/8" x 3-1/4"
- Polyolefin-injected molded hard casters: stain-resistant, chemical-resistant and non-marking

### SPECIFICATIONS

	503	603	703	696	697
<b>Diameter</b>	6 in (152 mm)	6 in (152 mm)	6 in (152 mm)	4 in (102 mm)	4 in (102 mm)
<b>Tread</b>	2 in (51 mm)				
<b>Capacity</b>	2000 lb (907 kg)	2000 lb (907 kg)	2000 lb (907 kg)	1600 lb (726 kg)	1600 lb (726 kg)
<b>Ship Weight</b>	22 lb (10 kg)	20 lb (9 kg)	20 lb (9 kg)	13 lb (6 kg)	15 lb (7 kg)

### CASTER SELECTION CHART

STORAGE BOX CAT. NO.	CASTER CAT NO.			
	503	603	703	696
1332	X	X	X	X
1636	X	X	X	X
2142	X	X	X	X
2448	X	X	X	X
2460	X	X	X	X
3048	X	X	X	X
2472	X	X	X	X
1230	-	-	-	-
1531	-	-	-	-
5060MESH	X	X	X	Included
3360	X	X	X	X
4848	X	X	X	X
4860	X	X	X	X
4872	X	X	X	X
2260	X	X	X	X
3648	X	X	X	X
3660	X	X	X	X
5660L	X	X	X	X
5660LH	X	X	X	X
5760TD	X	X	X	X
5860	Included	Included	X	-
3548	X	X	Included	-
8060DLX	X	X	X	X

### CASTERS

CAT. NO.	UPC NO.	DESCRIPTION
503*	783310280446	4 Swivel
603*	783310234050	2 Rigid, 2 Swivel
703†	783310084204	2 Rigid, 2 Locking Swivel
696*	783310153412	2 Rigid, 2 Swivel
697*	783310891895	4 Swivel

**NOTE:** Screw/washer kit p/n 50062913 is necessary for mounting 703 casters on boxes other than 3548.

\*Each caster set includes (16) 3/8"-16 x 1" self-threading mounting screws.  
†Each caster set includes (16) 3/8"-16 x 1" carriage bolts; (16) 3/8"-16 hex nuts; (16) 3/8" lockwashers.

### REPLACEMENT PARTS

CAT. NO.	UPC NO.	DESCRIPTION
<b>R</b> 20965	783310209652	Lid Support - (L) Side - Chest box only
<b>R</b> 20966	783310209669	Lid Support - (R) Side - Chest box only
<b>R</b> 08428	783310084280	10 mm Gas Spring Ball Stud Replacement Kit (all Slant/Flat-Tops)
<b>R</b> 53951	783310539513	Gas Springs for 3360 only
<b>R</b> 08427	783310084273	13 mm Gas Spring Ball Stud Replacement Kit (8060 DLX)
<b>R</b> 55294	783310552949	Replacement Gas Spring Kit - Shock and (2) Clips (8060 DLX)
<b>R</b> 01886	783310018865	Replacement Gas Spring Kit for 4872, 4848, 4860, 3648, 3660, & 7060-CFO
<b>R</b> 02867	783310028673	Gas Spring 150 lb w/lock



# MATERIAL HANDLING

Greenlee builds dependable material handling equipment you can trust. From wire carts and conduit racks to reel stands and spindles, Greenlee offers rugged material handling solutions that make transporting material easy.

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## WIRE STANDS & CARTS



9520

### Data Cable Caddy

- Width is ideal for large diameter spools of coax, data and communications cable
- Especially handy for 6" (152 mm) wide and up to 19" (483 mm) diameter spools
- Folds down for easy storage
- Pinless design eliminates loose parts

#### SPECIFICATIONS

Size	21" (533 mm) L x 28-1/2" (724 mm) W x 11-1/2" (292 mm) H
Capacity	Maximum Total Spool Weight: 100 lb (45 kg) Maximum Spool Diameter: 19" (483 mm) Maximum Spool Width: 24.50" (622 mm)
Weight	11 lb (5 kg)

CAT. NO.	UPC NO.	DESCRIPTION
9520	783310012283	Data Cable Caddy



909

### 6-Spindle Wire Caddy

- All steel welded frame with 6 reel spindles and feeding eye
- Angled spindles keep reels in place without locks and help brake the reel while paying out
- Mobile, two (2) fixed wheels and one (1) that swivels and locks, allow easy movement and control
- Fits through a 30" (762 mm) doorway

#### SPECIFICATIONS

Size	39" (990 mm) L x 30" (762 mm) W x 31" (787 mm) H
Capacity	Six 2,500' (762 m) spools up to 18" (457 mm) in diameter Maximum Spool Width: 13" (330 mm)
Weight	88 lb (40 kg)

CAT. NO.	UPC NO.	DESCRIPTION
909	783310228752	Wire Dispenser
 35798	783310357988	Swivel Caster (1)
 52285	783310522850	Wheel (2)



9525

## Stud Mount Caddy Basket Cable Dispenser

- Fits both 2x4 and 2x6 studs
- Dispense coils of NM-B or armored cable
- Swivel eyelet eliminates tangles

### SPECIFICATIONS

Size	29-1/2" (749 mm) H x 20-3/4" (527 mm) W
Max Capacity	100 lb (45.4 kg)
Weight	10.5 lb (4.8 kg)

CAT. NO.	UPC NO.	DESCRIPTION
9525	783310020707	Stud Mount Dispenser



37218

## Armored Coiled Cable Dispenser

- Dispense armored cable, flexible conduit, greenfield or NM-B cable fast and easy without twists or tangles
- Base rotates to dispense the cable without over pulling
- Large pulling eye rotates freely and can be used as a carrying handle when the dispenser is empty

### SPECIFICATIONS

Size	13-1/2" (343 mm) H x 26" (660 mm) D
Capacity	One 250' (76 m) coil of 14/2, 14/3, 12/2, or 12/3 armored cable or romex
Weight	32 lb (14 kg)

CAT. NO.	UPC NO.	DESCRIPTION
37218	783310372189	Armored Cable Dispenser



9522

## Hanging Cable Dispenser

- Hangs virtually anywhere
- Rugged aluminum, steel, and nylon construction
- Collapses for easy storage
- Storage bag included

### SPECIFICATIONS

Length Set Up	37-1/2" (953 mm)
Width Set Up	23-1/2" (597 mm)
Capacity	250' of NM or MC cable up to 75 lb
Weight	3-1/2 lb (1.6 kg)

CAT. NO.	UPC NO.	DESCRIPTION
9522	783310126713	Hanging Cable Dispenser





910

## Wire Dispenser

- All welded steel construction
- Includes two (2) fixed and two (2) swivel locking heavy-duty casters
- The spool rack consists of ten (10) spindles and an adjustable guide loop, and can be turned 360° independent of the base
- Spindles are angled to contain reels and act as a brake while paying out wire
- Fits through a 32" (812 mm) opening

### SPECIFICATIONS

<b>Size</b>	36 – 1/4" (921 mm) L x 31-1/2" (800 mm) W x 59" (1499 mm) H
<b>Capacity</b>	Maximum Total Spool Weight: 1250 lb (567 kg) Maximum Spool Diameter: 18" (457 mm) Maximum Spool Width: 14.2" (361 mm)
<b>Weight</b>	196 lb (89 kg)

CAT. NO.	UPC NO.	DESCRIPTION
910	783310219828	Wire Dispenser
 51488	783310514886	Caster (Rigid)
 35798	783310357988	Caster (Swivel)



9505

## Hand Truck / Wire Cart

- Holds up to twelve (12) spools of #12 AWG wire or eight (8) spools of #10 AWG wire
- Pinless design eliminates loose parts
- Four (4) solid steel 1/2" (13 mm) spindles included
- Lay cart flat when dispensing wire, upright for use as hand truck

### SPECIFICATIONS

<b>Size</b>	48" (1219 mm) H x 28-1/4" (718 mm) W
<b>Capacity</b>	Maximum Total Spool Weight: 200 lb (90.7 kg) Maximum Spool Diameter: 7.5" (190 mm) Dolly Lift (Maximum): 250 lb (113 kg) Maximum Spool Width: 18" (457 mm)
<b>Weight</b>	32 lb (14 kg)

CAT. NO.	UPC NO.	DESCRIPTION
9505	783310012054	Hand Truck Caddy
 01207	783310012078	Spindle (9505/9510)

# MATERIAL HANDLING



9510

## Deluxe A-Frame Wire Cart

- Holds up to twenty four (24) spools of #12 AWG wire or sixteen (16) spools of #10 AWG wire
- Folds for easy storage
- Pinless design eliminates loose parts
- Eight (8) solid steel 1/2" (12.7 mm) spindles included

### SPECIFICATIONS

Size	48" (1219 mm) H x 28-1/4" (718 mm) W
Capacity	Maximum Total Spool Weight: 400 lb (181 kg) Maximum Spool Diameter: 7.5" (190 mm) Maximum Spool Width: 18" (457 mm)
Weight	47 lb (21 kg)

CAT. NO.	UPC NO.	DESCRIPTION
9510	783310012146	Deluxe A-Frame Mobile Caddy
<b>R</b> 01207	783310012078	Spindle (9505/9510)

## Wire Cart

- Large capacity, excellent for storing, transporting or feeding wire
- Save space, use and store vertically or horizontally
- Five (5) strong reel axles with spring clip retainers plus two (2) positions for axle storage allows you to configure for large reels with no loose parts
- Strong, yet lightweight, tubular steel welded construction with rugged 8" (203 mm) wheels
- Will pass through a 28" (711 mm) opening
- Six (6) 2,500' (762 m) spools up to 16" (406 mm) in diameter
- Fifteen (15) 500' (152 m) spools up to 8" (203 mm) in diameter

### SPECIFICATIONS

Size	54-1/2" (1384 mm) L x 27" (685 mm) W x 26-1/2" (673 mm) H when horizontal
Capacity	Maximum Spool Weight: 550 lb Maximum Spool Diameter: 16" Maximum Spool Width: 24" (610 mm)
Weight	62 lb (28 kg)



911

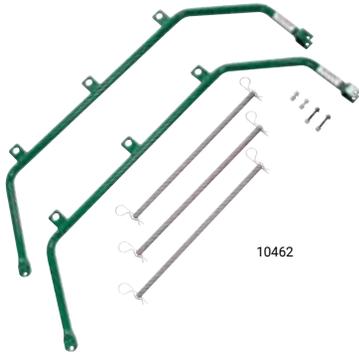
CAT. NO.	UPC NO.	DESCRIPTION
911	783310315186	Wire Cart
<b>A</b> 31523G	783310315230	Reel Shaft for 911 Wire Cart
<b>R</b> 62ABA	783310503033	Hitch Clip



Shown with Expander Kit 10462



38733



10462

## Hand Truck / Wire Cart

- Heavy-duty wheels for durability and easy transporting
- Only 24" (609 mm) wide to fit through narrow doorways
- Comes with five 5/8" (16 mm) diameter reel spindles for storing and dispensing up to fifteen spools of #14 wire
- Storage space for three (3) spindles and clips eliminates loose parts when they are not in use
- Expander kit available to increase capacity by 60%

### SPECIFICATIONS

	38733	10462
<b>Size</b>	46" (1168 mm) H 24" (609 mm) W 22-1/2" (571 mm) D	41" (1041 mm) H 12-5/8" (321 mm) W
<b>Weight</b>	58 lb (26 kg) 15.7 lb (7 kg)	15.7 lb (7 kg)

### WIRE CAPACITY CHART

#### NUMBER OF SPOOLS

38733 Wire Cart	With 10462 Expander	Maximum Spool Diameter	Maximum Spool Width	Typical Wire Length
15	24	7" (178 mm)	5-3/8" (137 mm)	500 ft (152 m)
10	16	7" (178 mm)	8" (203 mm)	500 ft (152 m)
3	5	12" (305 mm)	16-3/8" (416 mm)	2,500 ft (762 m)
3	3	14" (356 mm)	16-3/8" (416 mm)	2,500 ft (762 m)
2	2	22" (559 mm)	16-3/8" (416 mm)	1,000 ft (305 m)

CAT. NO.	UPC NO.	DESCRIPTION
38733	783310387336	Hand Truck Wire Cart
<b>A</b> 10462	783310104629	Expander Kit
<b>R</b> 62ABA	783310503033	Hitch Clip
<b>R</b> 38774	783310387749	Spindle (38733)

# MATERIAL HANDLING

## Cable Reel Transporter

- All steel welded frame with heavy-duty wheels
- Unique design provides easy setup for cable payout
- Handle folds to save space when using as a dispenser

### SPECIFICATIONS

Size	63" (1600 mm) L x 29-7/8" (759 mm) W x 26-3/4" (679 mm) H when horizontal
Capacity	Maximum Reel Weight: 300 lb (136 kg) Maximum Reel Diameter: 40" (1016 mm) Maximum Reel Width: 20" (508 mm)
Weight	110 lb (50 kg)

CAT. NO.	UPC NO.	DESCRIPTION
916	783310329350	Cable Reel Transporter
<b>R</b> 33035	783310330356	Spindle for 916 Transporter
<b>R</b> 05630	783310056300	Wheel Kit (2)
<b>R</b> 05631	783310056317	Axle Kit



916

## Rope Stands

- Use to organize and rewind rope
- Welded steel with washer and spring clip to hold rope reel on stand

### SPECIFICATIONS

	405	406	644	654
Weight	5.2 lb (2.4 kg)	7.8 lb (3.5 kg)	11 lb (5 kg)	32.1 lb (14.6 kg)
Spindle Diameter	1.50" (38 mm)	0.62" (16 mm)	1.50" (38 mm)	1.90" (48 mm)
Maximum Reel Diameter	10"	13"	17"	24"
Maximum Reel Width	6"	9"	16"	19"



654

### ROPE DIAMETER

CAT. NO.	UPC NO.	ROPE LENGTH	ROPE DIAMETER							
			3/16" 4.8 mm	1/4" 6.4 mm	3/8" 9.5 mm	1/2" 12.7 mm	9/16" 14.3 mm	5/8" 15.9 mm	3/4" 19.1 mm	7/8" 22.2 mm
405	783310215462	250' (76 m)	X	X	-	-	-	-	-	-
		600' (182 m)	X	-	-	-	-	-	-	-
406	783310215509	300' (91 m)	-	-	X	X	-	-	-	-
		600' (182 m)	-	X	-	-	-	-	-	-
		1,000' (305 m)	X	X	-	-	-	-	-	-
		3,000' (914 m)	-	-	-	-	-	-	-	-
		Conduit Measuring Tape	-	X	X	X	-	-	-	-
644	783310153160	300' (91 m)	-	-	-	-	X	X	-	-
		600' (182 m)	-	-	X	X	X	X	-	-
		1,200' (365 m)	-	-	X	-	-	-	-	-
654	783310343622	300' (91 m)	-	-	-	-	-	-	X	X
		600' (182 m)	-	-	-	-	-	-	-	X

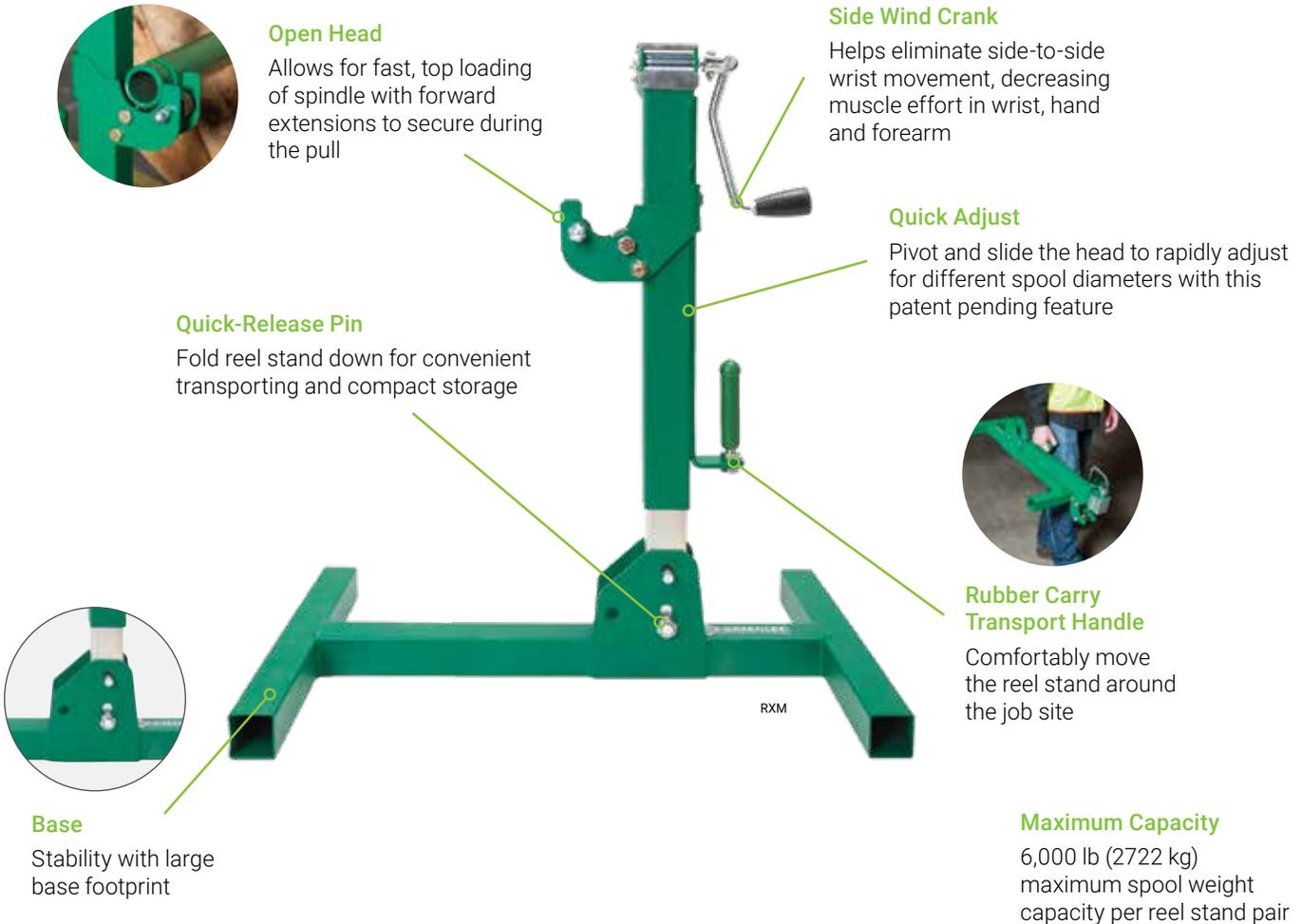


405

See page 225 for rope

# RXM REEL STANDS

ELIMINATE LOOSE PIECES AND THE NEED FOR ADDITIONAL TOOLS DURING SETUP



**Open Head**  
Allows for fast, top loading of spindle with forward extensions to secure during the pull

**Side Wind Crank**  
Helps eliminate side-to-side wrist movement, decreasing muscle effort in wrist, hand and forearm

**Quick Adjust**  
Pivot and slide the head to rapidly adjust for different spool diameters with this patent pending feature

**Quick-Release Pin**  
Fold reel stand down for convenient transporting and compact storage

**Rubber Carry Transport Handle**  
Comfortably move the reel stand around the job site

**Base**  
Stability with large base footprint

**Maximum Capacity**  
6,000 lb (2722 kg)  
maximum spool weight capacity per reel stand pair

- Open head design removes risk of spindle detachment compared to other open head models
- Side wind crank decreases muscle effort in wrist, hand and forearm
- Easier to use when at max capacity
- Interchangeable left and right usage
- Compact design and weight allow for easy transport

CAT. NO.	UPC NO.	DESCRIPTION
RXM	783310057116	Reel Stand (RXM)
647	783310153214	Spindle, Reel Stand (62") 6,000 lb / 2722 kg
684	783310153757	Spindle, Reel Stand (76") 5,000 lb / 2268 kg

## REEL STANDS



683

### Screw-Type Reel Stands

- Wide, welded steel base for added stability with four 5/8" mounting holes
- Rollers fit in the spindle groove to keep the spindle in place and turning freely
- Two stands and a spindle are required for a complete setup

#### SPECIFICATIONS

	683	687
<b>Size</b>	24" x 21" (610 x 533 mm) base, 54" (1372 mm) maximum height	15" x 15" (381 x 381 mm) base, 28" (711 mm) maximum height
<b>Capacity</b>	2,500 lb (1134 kg) each, 46" - 96" (1168 x 2438 mm) reel diameter	2,500 lb (1134 kg) each, 28" - 56" (711 x 1422 mm) reel diameter
<b>Weight</b>	42 lb (19 kg)	22 lb (10 kg)

CAT. NO.	UPC NO.	DESCRIPTION
683	783310153726	Reel Stand 22" - 54" (559 - 1372 mm)
687	783310170761	Reel Stand 13" - 27" (330 - 711 mm)
<b>A</b> 684	783310153757	Spindle for 683 Reel Stand
<b>A</b> 647	783310153214	Spindle for 687 Reel Stand
<b>R</b> 25591	783310255918	Stop Pin (683: 2; 687: 1)



656

See page 516 for spindles

### Ratchet-Type Reel Stand

- Ratchet mechanism to easily raise or lower the height
- Rollers fit in the spindle groove to keep the spindle in place and turning freely
- Two stands and a spindle are required for a complete setup

#### SPECIFICATIONS

<b>Size</b>	24-1/2" x 23" (622 mm x 584 mm) base, 46-5/8" (1184 mm) maximum height
<b>Capacity</b>	3,750 lb (1701 kg) each 58" - 90" (1473 mm - 2286 mm) reel diameter
<b>Weight</b>	87 lb (39 kg)

CAT. NO.	UPC NO.	DESCRIPTION
656	783310219798	Ratchet Reel Stand 28" - 46-5/8" (711 mm - 1184 mm)
<b>A</b> 657	783310219804	Spindle for 656 Reel Stand
<b>R</b> 30291	783310302919	Handle with Grip

## Reel Stand Spindles

- Steel spindles with grooves to fit reel stand rollers

### SPECIFICATIONS

	647	657	684
<b>Size</b>	2-3/8" diameter x 62" (60 x 1575 mm)	3-1/2" diameter x 100" (89 x 2540 mm)	2-3/8" diameter x 76" (60 x 1930 mm)
<b>Capacity</b>	5,000 lb (2268 kg) 59" (1500 mm) between grooves	7,500 lb (2388 kg) 94" (2540 mm) between grooves	5,000 lb (2268 kg) 73" (1854 mm) between grooves
<b>Weight</b>	42 lb (19 kg)	124 lb (56 kg)	50 lb (23 kg)



647, 657, 684

Reel Stand Spindles go with Stands (products) on page 515

CAT. NO.	UPC NO.	DESCRIPTION
647	783310153214	Spindle for 687 Reel Stand
657	783310219804	Spindle for 656 Reel Stand (only)
684	783310153757	Spindle for 683 Reel Stand

## Reel Rollers

- Heavy-duty welded steel construction
- Built-in loading ramps
- Adjustable to various reel widths and diameters (21" dia. min.)
- Roller locks for unloading
- Side ball rollers for centering
- Fast, convenient ground-level setup for paying out large cable reels



39660

### SPECIFICATIONS

	39660	39661	39664	39666
<b>Size</b>	32" (813 mm) L x 34" (864 mm) W, 87 lb (39 kg)	32" (813 mm) L x 11" (279 mm) W, 45 lb (20 kg)	48" (1067 mm) L, 9 lb (4 kg)	32" (813 mm) L x 48" (1219 mm) W, 99 lb (45 kg)
<b>Capacity</b>	2,500 lb (1134 kg) 30" (762 mm) max reel width	2,000 lb (902 kg) per pair, 42" (1067 mm) max reel width	2,000 lb (902 kg) 42" (1067 mm) max reel width	2,000 lb (902 kg) 42" (1067 mm) max reel width



39661

CAT. NO.	UPC NO.	DESCRIPTION
39660	783310396604	Reel Roller, single platform roller
39661	783310396611	Reel Roller, single (two required)
 39664	783310396642	Spreader Kit, two 48" spreader bars
39666	783310396666	Reel Roller Kit, (includes two 39661 rollers and one 39664 spreader kit)

# WORKHORSE™

## ALL-IN-ONE BENDING & THREADING WORKSTATION

Mounting kits available for: 555® Series Bender (p.156), 854DX Bender (p.155) and 467 Chain Vise (p.184)



**Document Holder**

Keep your manuals handy in the document holder

**Fork Pockets**

On all three sides for easy loading and unloading



**Brackets**

For safer transport of bender, threader, and chain vise

**Ergonomic Handle Height**

Reduces lower back strain

**Stowable Pipe Supports**

For use with bend check tray

**Cord Wrap**

To stay organized



**Bend Check Tray**

To verify 90 degree bends and measure conduit

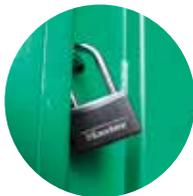
**8" Casters (6" optional)**

For easy mobility



**Security**

For your tools and accessories



CAT. NO.	UPC NO.	DESCRIPTION
WK100	783310077459	Workhorse™ Bending and Threading Station (includes kit accessories)
<b>B</b> WK100-B	783310078654	Workhorse™ Bending and Threading Bare Cart (excludes all kit and additional accessories)

**SPECIFICATIONS**

Height, with casters	38" (965.2 mm)
Width	32" (813 mm)
Length	74" (1880 mm)
Weight, WK100	440 lb (199.6 kg)
Weight, WK100-B	390 lb (17.9 kg)

# ALL-IN-ONE BENDING & THREADING WORKSTATION



### Additional Storage

Open space to store hand tools and accessories



### Chain Vise Mounting Kit

Easily install chain vise to secure conduit when cutting or threading



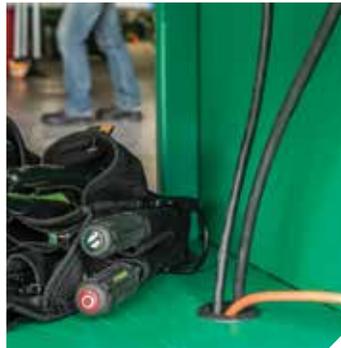
### Conduit Checking

Get your pipe off the ground when checking your 90 degree stub-ups and marking measurements



### Oil Catch System

Keep a clean work station using the Workhorse™ oil catch system\*



### Cord Organization

Pass-through holes for increased control and easy electrical cord consolidation



### Compatibility

555® Series Bender, 854DX Bender, 467 Chain Vise

## KIT ACCESSORIES – INCLUDED WITH WK100

CAT. NO.	UPC NO.	DESCRIPTION
CRSL8	783310078708	8" Caster Kit
MK555	783310077602	555® Bender Series Mounting Brackets
MKTC	783310077565	Threader Mounting Brackets
90BC	783310077619	90 Degree Bend Check Tray
MK467	783310077572	Chain Vise Mount

## ADDITIONAL ACCESSORIES AND EQUIPMENT – SOLD SEPARATELY

CAT. NO.	UPC NO.	DESCRIPTION
MK85X	783310077596	854DX / 855GX Bender Mounting Brackets
MKOIL	783310077589	Oil Catch System
CRSL6	783310078685	6" Caster Kit
555CXRS	783310016342	Electric Bender, CX with Single Rigid Shoes
555RSC	783310016328	Electric Bender, Classic with Single Rigid Shoes
854DX	783310026709	Bender, Electric Conduit
855GX	783310125792	Bender, Electric Conduit (855GX)
467	783310273189	Vise and Chain, Packaged

\*Threaders Sold Separately

## CONDUIT & PIPE CARTS



### Conduit & Pipe Storage Rack

- Easily stacks for storage and transportation of multiple units
- High strength steel frame holds up to 1000 lb of material
- Heavy-duty 6" casters (2 rigid, 2 swivel)
- Foldable material trees
- Stacking block securely fits in tree stock to prevent tumbling

#### SPECIFICATIONS

Capacity	1000 lb (454 kg)
Dimensions	58-1/2" (1486 mm) L × 34" (864 mm) W × 63-1/2" (1613 mm) H
Folded Down	58-1/2" (1486 mm) L × 34" (864 mm) W × 19" (483 mm) H
Weight	113 lb (51 kg)

CAT. NO.	UPC NO.	DESCRIPTION
668	783310153436	Mobile Conduit and Pipe Rack with 603 casters
<b>A</b> 503	783310280446	6" (152 mm) Diameter Caster Set, 4 Swivel
<b>R</b> 603	783310234050	6" (152 mm) Diameter Caster Set, 2 Swivel and 2 Rigid



553

## Bent Conduit Cart

- Pull pins – no loose pieces
- Height – adjustable arms to accommodate various conduit offsets
- Foldable and stackable for easy shipping and storage
- Fits through 36" doorways
- Includes 6" high-performance non-marking casters, 2 swivel and 2 rigid

### SPECIFICATIONS

Length	56"
Width	34"
Height	18.75" (Folded with casters installed)
Weight	150 lb
Maximum Load Capacity	3,000 lb

CAT. NO.	UPC NO.	DESCRIPTION
553	783310056904	Bent Conduit Cart



36745

## Pipe Cart

- Easy, one-person operation saves time and money
- Move standard 20 ft (6.1 m) lengths of pipe
- Large 3" x 12" (76 mm x 305 mm) wheels
- Heavy-duty steel construction for long service life

### SPECIFICATIONS

Capacity	20" (508 mm) diameter – 1000 lb (454 kg)
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CAT. NO.	UPC NO.	DESCRIPTION
36745	783310367451	Pipe Cart
 02182	783310021827	Wheel Replacement Kit (1" axle)
 01133	783310011330	Wheel Replacement Kit (3/4" axle)

## PARTS & ACCESSORIES



10"



8"



6"



4"

## Castors

### SPECIFICATIONS

Size	Surface	Feature
4"	Smooth, hard surfaces	Can rest for long periods without deforming wheels
6"	Smooth, hard surfaces with obstructions	Can rest for long periods without deforming wheels (Optional brake available)
8"	Rough, textured surfaces	Swivel-lock changes from rigid to swivel with ease (Brake included in swivel)
10"	Smooth hard surfaces	Semi-pneumatic tire for outdoor applications

CAT. NO.	UPC NO.	DESCRIPTION
CR4	783310024262	4" Rigid Caster
CS4	783310024279	4" Swivel Caster
CR6	783310024286	6" Rigid Caster
CS6	783310024293	6" Swivel Caster
CSBK	783310024316	6" Caster Brake
CR8	783310025641	8" Ridge Caster
CS8	783310018537	8" Swivel Caster w/ Brake
CRT10	783310018438	10" All Terrain Rigid Caster
CST10	783310018476	10" All Terrain Swivel Caster
<b>R</b> 02532	783310025320	Replacement Caster Hook

## Greenlee Green Spray Touch-up Paint

- Trademark "Greenlee" Green for touch up of your Greenlee products
- Closely matches Greenlee painted products including bender and material handling



22618

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT	
			LB	KG
22618	783310226185	13 oz. (384 ml) Aerosol Can of Greenlee Green Spray Paint	1.2	.5
10378	783310103783	13 oz. (384 ml) Aerosol Can of Greenlee Flat Green Spray Paint*	1.2	.5

Master Lock is a registered trademark of Master Lock Company LLC



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