



**GREENLEE®**

**UTILITY**

A Textron Company

**TRUSTED  
SINCE  
1862**



# UTILITY CATALOG



[www.greenleutility.com](http://www.greenleutility.com)

**MADE FOR THE TRADE!™**



**GREENLEE®**  
**UTILITY**  
 A Textron Company

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**NEW NAME...  
 NEW LOOK SAME  
 HIGH QUALITY  
 PRODUCTS.**

THE FAIRMONT® BRAND HAS BEEN PART OF THE GREENLEE® FAMILY FOR YEARS, OFFERING HIGH QUALITY UTILITY PRODUCTS, MANUFACTURED TO GREENLEE'S WORLD CLASS STANDARDS. AS A MULTI-FACETED BRAND, GREENLEE HAS INCORPORATED THE EXTENSIVE FAIRMONT® PRODUCT LINE INTO THE ALL ENCOMPASSING BRAND GREENLEE® UTILITY. REST ASSURED, ONLY THE BRAND NAME HAS CHANGED. YOU CAN CONTINUE TO TRUST IN THE SAME HIGH QUALITY PRODUCTS, MANUFACTURED TO THE SAME HIGH STANDARDS AND SUPPORTED BY THE SAME TEAM OF PROFESSIONALS.

GREENLEE® UTILITY CONTINUES OUR COMMITMENT TO MAKE YOUR JOB FASTER, SAFER, AND EASIER WITH THE PRODUCTS YOU KNOW AND TRUST.





**N** = NEW PRODUCT

**R** = REPLACEMENT PART

**A** = ACCESSORY

**B** = BARE TOOL

# **GATOR**

Battery-Powered Tools



**WITH INDUSTRY-LEADING TECHNOLOGY, ERGONOMIC AND EASY-TO-USE DESIGNS, GATOR® TOOLS HELP YOU WORK SMARTER ON THE JOBSITE. CUT CABLE, CRIMP LUGS AND SPLICES, AND PUNCH HOLES ALL IN LIGHTNING FAST TIME. WITH SMART FEATURES SUCH AS INTELLI-CRIMP™ AND **AUTO RETRACTION STOP (ARS)**, YOU CAN ALWAYS BE SURE THAT THE JOB IS DONE RIGHT.**

## **SAFE.**

Gator® tools help line workers avoid repetitive motion injuries associated with manual cutters and crimpers.

## **SECURE.**

With UL certification and Intelli-CRIMP™ technology<sup>1</sup>, you can be sure that the crimp or cut was correct – and have the data to prove it.

## **SIMPLE.**

Designed for the lineman, Gator® tools feature industry leading center of gravity and single trigger designs – making them the easiest to use.

## **SMART.**

Whether it's Auto Retraction Stop, Retraction Stop Repeat (RSR), or Intelli-CRIMP™ technology, Gator® tools help get the job done Faster Safer, and Easier™.



<sup>1</sup>Select models only. UL certified when used with Anderson®, Blackburn®, Burndy®, ILSCO®, Panduit®, Penn-Union® and Thomas & Betts® color-coded lugs and splices. See [www.greenleeutility.com](http://www.greenleeutility.com) for more information.



# FEATURES

## Feature Legend of Icons



Select Gator Tools feature **Intelli-CRIMP™** Technology – a unique pressure sensor that detects crimping force.

Tools equipped with this feature emit audible and visual alerts when a crimp is below specifications – so you can get the job done right the first time.



After a cut or crimp, **Automatic Retraction Stop (ARS)** prevents full retraction of the ram – saving time when making multiple crimps.

**Retraction Stop Repeat (RSR)** goes one step further than ARS – allowing the user to set where they want the ram to stop after every crimp.



All current-line Gator® tools use the same Makita® 18V Li-Ion batteries, which recharge in less than 30 minutes.<sup>2</sup>



Greenlee Gator® crimping tools are UL and cUL certified when used with the following brands of color-coded lugs and splices:

- Anderson®
- Blackburn®
- Burndy®
- ILSCO®
- Panduit®
- Penn-Union®
- Thomas & Betts®

<sup>2</sup> Estimated charge time: 30 minutes. Actual times may vary. Makita® is a registered trademark of Makita USA Inc.



**N** = NEW PRODUCT

**R** = REPLACEMENT PART

**A** = ACCESSORY

**B** = BARE TOOL

# **A REVOLUTION IN BATTERY TOOLS.**

**WANT TO KNOW HOW MANY CRIMPS OR CUTS YOU'VE MADE?  
WHAT THE MAXIMUM PSI FOR EACH CRIMP?  
HOW LONG SINCE THE LAST SERVICE?**

## **USE THE GATOR EYE.**

Compatible with all Greenlee Gator® tools, this USB powered device gets the information you need out of the tool and into your hands.



## **DETAILED WORK HISTORY.**

Download, print, and store work information such as operating pressure, number of crimps/cuts, and battery information.

## **ACCOUNTABILITY.**

Prove that the job was done correctly with operation and project specific documentation.

## **DIAGNOSTICS.**

Set and view maintenance intervals, and add user identifiable information to manage your inventory.



**iPress software screenshot**

<sup>3</sup> Gator Eye is compatible with all Gator® tools in pistol, inline, and pump configurations.

<sup>4</sup> Previous generation Gator® tools may not have this capability.

## Single Trigger Design

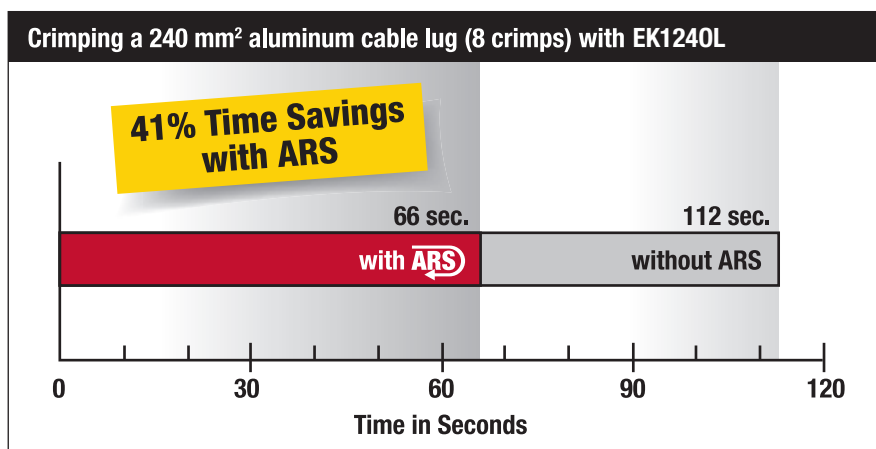


### Easy to use.

Greenlee Gator® tools keep it simple. No separate triggers for different operations. One trigger. One manual release. Easy operation, every time.

### Save time.

Smart tools. Gator® tools automatically retract after a completed crimp, cut, punch, or bend. And with timesaving features like Automatic Retraction Stop and Retraction Stop Repeat, you'll be sure to get the job done **Faster, Safer, and Easier.™**



## 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 with 2Hz after crimp, return of service
 20 sec/5Hz			Flashing for 20 seconds with 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		Fatal Error: the necessary oil pressure with the motor running was not achieved



## 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	
							K111	K05-1GL K05-1SPGL	K09-2GL K09-2.5SPGL	K09-3GL	RK06AT HK06AT EK06ATL	RK06FT HK06FT EK06FTL	1981	EK12IDL HK12ID RK12ID
<b>CONNECTOR TYPE</b>														
<b>INDUSTRIAL</b>														
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								
<b>GROUNDING</b>														
Ground Grid														
Connectors			6-3 (4)	6-500	6-500	6-500								
Copper "E" Taps				6-500	6-500	6-500								
<b>OVERHEAD</b>														
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								

## Feature Legend of Icons

							
Intelli-CRIMP™ Technology	18V Lithium-Ion Battery	Automatic Retraction Stop	Retraction Stop Repeat	LED Work Light	Battery LED Monitor	Crimping Force in TONS	Crimping Tool that does not require die set

# CRIMPING AND CUTTING TOOLS

## EK425L Gator® Battery Powered Crimping Tool

### SPECIFICATIONS

Crimping Force	6-Tons (54 kN)
Length (with jaws)	18-1/2" (470 mm)
Width (head open)	4" (108 mm)
Weight (with jaws)	6.8 lbs. (3 kg)
Battery	18V 3.0 Ah Li-ion
Est. Cycles per Charge	~325
Crimp Cycle Time	~4 seconds
Battery Charge Time	28 minutes



### 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	IlSCO®	ND Series
CJK*	Huskie®	HT-58 Series
*Requires F020735 Adapters	Panduit®	CD-2001 Series
CJK	Kearney™	Dies for Type "O" tools
CJXPJ	Nicopress	Connectors that require the X, P, or J tool grooves

### CUTTING 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>
-----	--



CJD3BG



CJD30



CJD3



CJK



CJB



CJXPJ



CAT. NO.	UPC NO.	DESCRIPTION
EK425LD011	52028	EK425L Crimping Tool w/CJD30 jaws w/120 volt battery charger
EK425LD012	52029	EK425L Crimping Tool w/CJD30 jaws w/12 volt battery charger
EK425LD022	52030	EK425L Crimping Tool w/CJD30 jaws w/230 volt battery charger
EK425LDBG11	52025	EK425L Crimping Tool w/CJD3BG jaws w/120 volt battery charger
EK425LDBG12	52026	EK425L Crimping Tool w/CJD3BG jaws w/12 volt battery charger
EK425LDBG22	52027	EK425L Crimping Tool w/CJD3BG jaws w/230 volt battery charger
EK425LK11	52034	EK425L Crimping Tool w/CJK jaws w/120 volt battery charger
EK425LK12	52035	EK425L Crimping Tool w/CJK jaws w/12 volt battery charger
EK425LK22	52036	EK425L Crimping Tool w/CJK jaws w/2L0 volt battery charger
EK425LD11	52031	EK425L Crimping Tool w/CJD3 jaws w/120 volt battery charger
EK425LD12	52032	EK425L Crimping Tool w/CJD3 jaws w/12 volt battery charger
EK425LD22	52033	EK425L Crimping Tool w/CJD3 jaws w/230 volt battery charger
EK425LB	52024	EK425L Crimping Tool w/2 batteries only
<b>A</b> CJXPJ	84512	Crimping Jaw with Nicopress X, P, & J die grooves
<b>A</b> CJB	84513	Cutting Jaw for one-time disposable lock hasps
<b>A</b> CJ22	84511	Crimping Jaw for use with KC22 & KA22 crimping dies
<b>A</b> KD6-27	10182	"W" style cutter dies for ACSR to 4/0 AWG
<b>A</b> F020735	43136	Kearney "D" crimping die (adapts jaws to use "W" & "X" dies)
<b>R</b> CJD30	84514	Crimping Jaw Unit-D <sub>3</sub> and O die grooves
<b>R</b> CJD3BG	84515	Crimping Jaw Unit-D <sub>3</sub> and BG die grooves
<b>R</b> CJK	04829	Crimping Jaw Unit for Kearney "O" dies
<b>R</b> CJD3	03242	Crimping Jaw with single D <sub>3</sub> die groove
<b>R</b> 52176	52176	18 V 3.0 Ah Li-ion battery
<b>R</b> CP1	22041	Tool Pouch



CP1

**DIES FOR CRIMPING COLOR-CODED COPPER & ALUMINUM LUGS & SPLICES\* 6-TON CRIMPING DIE KITS\* (Requires CJ22 crimping jaws)**

CAT. NO.	UPC NO.	DESCRIPTION
K22S1GL	03078	Die Kit for #8-600 Copper Connectors – Includes all copper die sets listed below and carrying case
KD06AL	01631	Die Kit for #8-350 Aluminum Connectors – Includes all aluminum die sets listed below and carrying case

**22 SERIES CRIMPING DIES**

**ALUMINUM**

**COPPER**

CABLE SIZE	CAT. NO.	UPC NO.	COLOR	CAT. NO.	UPC NO.	COLOR
8 AWG	KA22-8	06744	Blue	KC22-8	03079	Red
6 AWG	KA22-6	06745	Gray	KC22-6	03080	Blue
4 AWG	KA22-4	06746	Green	KC22-4	03081	Gray
2 AWG	KA22-2	06747	Pink	KC22-2	03082	Brown
1 AWG	KA22-1	06749	Gold	KC22-1	03083	Green
1/0 AWG	KA22-1/0	06750	Tan	KC22-1/0	03084	Pink
2/0 AWG	KA22-2/0	06751	Olive	KC22-2/0	03085	Black
3/0 AWG	KA22-3/0	06752	Ruby	KC22-3/0	03086	Orange
4/0 AWG	KA22-4/0	06753	White	KC22-4/0	03087	Purple
250 kcmil (MCM)	KA22-250	06754	Red	KC22-250	03088	Yellow
300 kcmil (MCM)	KA22-300	06755	Blue	KC22-300	03089	White
350 kcmil (MCM)	KA22-350	06756	Brown	KC22-350	03090	Red
400 kcmil (MCM)	—	—	—	KC22-400	03091	Blue
500 kcmil (MCM)	—	—	—	KC22-500	03092	Brown
600 kcmil (MCM)	—	—	—	KC22-600B	03094	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.

Dies for use with service entrance connectors, c-taps, h-taps, overhead and underground connectors (Use with EK425L with CJD3, CJD3BG & CJD30 jaws). Use with EK425L with CJK jaws with F020735 adapters.

**"W"-STYLE DIES**

CAT. NO.	UPC NO.	BURNDY NO.
KD6-10	10165	W-BG
KD6-11	10166	W-O
KD6-12	10167	W-C
KD6-13	10168	W-K840
KD6-14	10169	W-161
KD6-15	10170	W-162
KD6-16	10171	W-163
KD6-17	10172	W-165
KD6-18	10173	W-166
KD6-19	10174	W-243
KD6-20	10175	W-247
KD6-21	10176	W-249
KD6-22	10177	W-164
KD6-24	10179	W-237
KD6-25	10180	W-239
KD6-27	10182	W-28K

The products listed above are registered trademarks of Anderson®, Blackburn®, FCI Burndy®, ILSCO®, Panduit®, Penn-Union® and Thomas & Betts®.

# DIE-TYPE CRIMPING

## Gator® Battery-Powered 4-Ton Crimping Tool



**4-TON**  
EK410L



- Intelli-CRIMP™ Technology includes a pressure sensor that monitors the crimping force of each crimp and provides the operator a visual and audible alert if the force is below specifications.
- State of the art 18V lithium ion (Li-ion) battery provides 70% more cycles per charge and faster cycle times.
- LED light provides the operator with the battery charge and tool maintenance status.
- In line tool style is light weight and very easy to control.
- One trigger controls all tool functions.
- Crimping head rotates 350°.
- Tools automatically retract when the crimping or cutting cycle is complete.
- Overmolded tacky grip areas make gripping the tool easier and more comfortable.
- Smart charger maximizes battery life.
- Used with Greenlee KC4, KA4 and KD4 crimping dies.

### SPECIFICATIONS

<b>Capacity</b>	8 AWG to 300 kcmil (MCM) copper color-coded connectors
	8 AWG to 2/0 AWG aluminum color-coded connectors
	5/8" service entrance connectors
	840 service entrance connectors
<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 lbs. (1.8 kg)
<b>Crimp Cycle Time</b>	~4 seconds
<b>Battery</b>	18V 1.5 Ah Li-ion
<b>Battery Charge Time</b>	30 minutes
<b>Est. Cycles per Charge</b>	200

CAT. NO.	UPC NO.	DESCRIPTION
EK410L11	52089	4-Ton Battery-Powered Crimping Tool, 120V Charger
EK410L12	52090	4-Ton Battery-Powered Crimping Tool, 12V Charger
EK410L22	52091	4-Ton Battery-Powered Crimping Tool, 230V Charger
EK410L120	52092	4-Ton Crimping Tool w/120V AC Adapter
EK410L230	52101	4-Ton Crimping Tool w/230V AC Adapter
<b>B</b> EK410LB	01144	EK410 Bare Crimp Tool, 4T
<b>R</b> 52177	52177	18V 1.5 Ah Li-ion
<b>R</b> 25752	25752	Carrying Case
<b>R</b> 52178	52178	120V Charger
<b>R</b> 52179	52179	230V Charger
<b>R</b> 52180	52180	12V Charger

\*UL and cUL classified with Anderson®, Blackburn®, Burndy®, ILSCO®, Panduit®, Penn-Union® and Thomas & Betts® copper and aluminum color-coded connectors. The products listed above are registered trademarks of Anderson®, Blackburn®, FCI Burndy®, ILSCO®, Panduit®, Penn-Union® and Thomas & Betts®.



### Crimping Dies for 4-Ton EK410L Tools

Crimping dies on page 29



## Gator® Battery-Powered and Corded 6-Ton Crimping Tools

AVAILABLE AS  
**BARE TOOL**

CLASSIFIED  
**UL** IUS

**IntelliCRIMP™**

**18V**  
Lithium-Ion

**LED**



**6-TON**  
EK622L



- Intelli-CRIMP™ Technology includes a pressure sensor that monitors the crimping force of each crimp and provides the operator a visual and audible alert if the force is below specifications.
- State of the art 18V lithium ion (Li-ion) battery provides 70% more cycles per charge and faster cycle times.
- LED light provides the operator with the battery charge and tool maintenance status.
- In line tool style is light weight and very easy to control.
- One trigger controls all tool functions.
- Crimping head rotates 350°.
- Tools automatically retract when the crimping or cutting cycle is complete.
- Overmolded tacky grip areas make gripping the tool easier and more comfortable.
- Smart charger maximizes battery life.
- Accepts 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

### BATTERY POWERED

<b>Capacity</b>	Color-coded copper lugs and splices, 600 kcmil (MCM). Color-coded aluminum lugs and splices, 350 kcmil (MCM). For capacity with other types of connectors, see chart on page 5
<b>Crimping Force</b>	12,000 lb (53 kN)
<b>Length</b>	15-3/4" (438 mm)
<b>Weight</b>	6.5 lbs. (3 kg)
<b>Battery</b>	18V 1.5 Ah Li-ion
<b>Battery charge time</b>	30 minutes
<b>Est. Cycles per Charge</b>	100

CAT. NO.	UPC NO.	DESCRIPTION
EK622L11	52084	6-Ton Battery-Powered Crimping Tool 120 V charger
EK622L12	52085	6-Ton Battery-Powered Crimping Tool 12 V charger
EK622L22	52086	6-Ton Battery-Powered Crimping Tool 230 V charger
EK622L120	52087	6-Ton Crimping Tool w/120V AC Adapter
EK622L230	52088	6-Ton Crimping Tool w/230V AC Adapter
<b>B</b> EK622LB	01146	EK622 Bare Crimp Tool, 6T
<b>R</b> 52177	52177	18V 1.5 Ah Li-ion
<b>R</b> 25752	25752	EK622L Carrying Case
<b>A</b> 12274	12274	Carrying Strap
<b>R</b> 04292	04292	Die Adapter for "W" Type Dies
<b>R</b> 52178	52178	120V Charger
<b>R</b> 52179	52179	230V Charger
<b>R</b> 52180	52180	12V Charger

*\*UL and cUL classified with Anderson®, Blackburn®, Burndy®, ILSCO®, Panduit®, Penn-Union® and Thomas & Betts® copper lugs and splices to 600 kcmil (MCM) and with aluminum lugs & splices to 350 kcmil (MCM). The products listed above are registered trademarks of Anderson®, Blackburn®, FCI Burndy®, ILSCO®, Panduit®, Penn-Union® and Thomas & Betts®.*



### Crimping Dies for 6-Ton Tools

Crimping dies on page 30



### W Dies for 6-Ton Tools

W dies on page 30

# Gator® 12-Ton Battery-Powered Crimping Tools

AVAILABLE AS  
**BARE TOOL**

CLASSIFIED  
**UL**  
CS

**Intelli-CRIMP™**

**ARS**

**18V**  
Lithium-Ion

**LED**



**12-TON**



EK1230L



EK1240L



EK1240CL



EK1240KL

## SPECIFICATIONS

<b>Capacity*</b>	EK1230L & EK1240L – 8 AWG to 750 kcmil copper color-coded lugs and splices See crimping tool capacity chart on page 5, for additional capacities EK1240K – ACSR terminals 1033 kcmil (MCM), ACSR tension fittings 477 kcmil (MCM)
<b>Crimping Force</b>	24,000 lb (106 kN)
<b>Length</b>	EK1230L – 15-1/2" (394 mm); EK1240L – 16-1/4" (413 mm);
<b>Weight</b>	EK1230L – 14.5 lbs (6.6 kg) EK1240L – 15 lbs. (6.8 kg) EK1240KL – 15 lbs. (6.8 kg)
<b>Battery</b>	18V 3.0 Ah Li-ion
<b>Est. Cycles per Charge</b>	90

\* EK1230 and EK1240 are UL and cUL classified with Anderson®, Blackburn®, Burmyd®, ILSCO®, Panduit®, Penn-Union® and Thomas & Betts® copper and aluminum color-coded lugs and splices when used with Greenlee KC12 and KA12 crimping dies. The products listed above are registered trademarks of Anderson®, Blackburn®, FCI Burmyd®, ILSCO®, Panduit®, Penn-Union® and Thomas & Betts®.



**Crimping Dies for 12-Ton Tools**  
Crimping dies on page 31

- Intelli-CRIMP™ Technology includes a pressure sensor that monitors the crimping force of each crimp and provides the operator a visual and audible alert if the force is below specifications.
- State of the art 18V lithium ion (Li-ion) battery provides 70% more cycles per charge and faster cycle times.
- Automatic Retraction Stop (ARS) retracts the ram just enough to get ready for the next cycle saving time and energy.
- LED light provides the operator with the battery charge and tool maintenance status.
- Two-stage hydraulic system provides fast advance and power speeds, saving time.
- Forward handle position improves tool balance.
- One trigger controls all tool functions.
- Crimping head rotates 350°.
- Tools automatically retract when the crimping cycle is complete.
- Overmolded tacky grip areas make gripping the tool easier and more comfortable.
- Smart chargers maximize battery life.
- Three crimping head choices: EK1230L with 1.20" (30mm) opening uses Greenlee KC12, KA12 & KD12 crimping dies plus all industry "U" style crimping dies, EK1240L with 1.65" (42mm) 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.
- U.S. Patents #6,206,663 and #6,065,326.

CAT. NO.	UPC NO.	DESCRIPTION
EK1230L11	52068	12-Ton Battery-Powered Crimping Tool, 1.2" (30 mm) opening, 120 V Charger
EK1230L12	52069	12-Ton Battery-Powered Crimping Tool, 1.2" (30 mm) opening, 12 V Charger
EK1230L22	52070	12-Ton Battery-Powered Crimping Tool, 1.2" (30 mm) opening, 230 V Charger
EK1230L120	52071	12-Ton Crimping Tool w/120V AC Adapter
EK1230L230	52072	12-Ton Crimping Tool w/230V AC Adapter
EK1230LB	01154	EK1230 Bare Crimper, 30mm
EK1240L11	10227	12-Ton Battery-Powered Crimping Tool, 1.65" (42 mm) opening, 120 V Charger
EK1240L12	10229	12-Ton Battery-Powered Crimping Tool, 1.65" (42 mm) opening, 12 V Charger
EK1240L22	10231	12-Ton Battery-Powered Crimping Tool, 1.65" (42 mm) opening, 230 V Charger
EK1240L120	10234	12-Ton Crimping Tool w/120V AC Adapter
EK1240L230	10237	12-Ton Crimping Tool w/230V AC Adapter
EK1240LB	01155	EK1240 Bare Crimper, 40mm
EK1240CLB	01156	EK1240 Bare Crimper, 40mm PVC COV
EK1240KLB	01157	EK1240 Bare Crimper, Kearney
EK1240CL11	52043	12-Ton Battery-Powered Crimping Tool, 1.65" (42 mm) opening, PVC covered, 120 V Charger
EK1240CL12	52044	12-Ton Battery-Powered Crimping Tool, 1.65" (42 mm) opening, PVC covered, 12 V Charger
EK1240CL22	52045	12-Ton Battery-Powered Crimping Tool, 1.65" (42 mm) opening, PVC covered, 230 V Charger
EK1240CL120	52046	12-Ton Crimping Tool w/120V AC Adapter
EK1240CL230	52047	12-Ton Crimping Tool w/230V AC Adapter
EK1240KL11	12566	12-Ton Battery-Powered Crimping Tool, Kearney head, 120 V Charger
EK1240KL12	12567	12-Ton Battery-Powered Crimping Tool, Kearney head, 12 V Charger
EK1240KL22	12569	12-Ton Battery-Powered Crimping Tool, Kearney head, 230 V Charger
EK1240KL120	12568	12-Ton Crimping Tool w/120V AC Adapter
R 52176	52176	18V 3.0 Ah Li-ion Battery
R 10118	10118	EK1230L & EK1240L Carrying Case
A 12274	12274	Carrying Strap
R 52178	52178	120V Charger
R 52179	52179	230V Charger
R 52180	52180	12V Charger

## Gator® Battery-Powered 15-Ton Crimping Tool

**NEW**  
PRODUCT



EK1550FTLU11

AVAILABLE AS  
**BARE**  
**TOOL**

CLASSIFIED  
**UL**  
c US

**IntelliCRIMP**

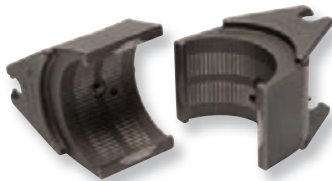
**ARS**

**18V**  
Lithium-Ion

**LED**



**15-TON**



UA15T

- Intelli-CRIMP™ Technology includes a pressure sensor that monitors the crimping force of each crimp and provides the operator a visual and audible alert if the force is below specifications.
- Automatic Retraction Stop (ARS) retracts the ram just enough to get ready for the next cycle, saving time and energy.
- 18V Li-ion battery provides 70% more cycles per charge and faster cycle times.
- 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.
- Light weight flip-top head with patented quick release locking pin.
- 2" jaw opening.
- Crimping head rotates 350°.
- Battery recharges in 30 minutes.

### 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</b>	30,000 lbs (135kN)
<b>Battery</b>	18 V, 3.0 Ah, Li-ion
<b>Weight</b>	16.3 lbs (7.4kg)
<b>Length</b>	18.5" (470mm)
<b>Width</b>	3" (76mm)
<b>Height</b>	13.5" (343mm)

*\*EK1550FTLU tools are UL and cUL classified with Anderson, Blackburn, Burndy, ILSCO, Panduit, Penn-Union and Thomas & Betts copper and aluminum color coded lugs and splices when used with 48802 die adapters and with Greenlee KC12 and KA12 crimping dies. The products listed above are registered trademarks of Anderson®, Blackburn®, FCI Burndy®, ILSCO®, Panduit®, Penn-Union® and Thomas & Betts®.*

CAT. NO.	UPC NO.	DESCRIPTION
<b>N</b> EK1550FTLU11	00788	15 Ton, Flip Top, Battery Powered Crimping Tool with 120 V Charger
<b>N</b> EK1550FTLU12	00789	15 Ton, Flip Top, Battery Powered Crimping Tool with 12 V Charger
<b>N</b> EK1550FTLU22	00902	15 Ton, Flip Top, Battery Powered Crimping Tool with 230 V Charger
<b>N</b> EK1550FTLU120	00790	15 Ton, Flip Top, Battery Powered Crimping Tool with 120 V AC Adapter
<b>N</b> EK1550FTLU230	00792	15 Ton, Flip Top, Battery Powered Crimping Tool with 230 V AC Adapter
<b>A</b> UA15T	00260	Die-Adaptors - Greenlee "U" style dies, Burndy "U" style dies, IlSCO ILD style dies, T&B 15500 style dies, Blackburn 15500 style dies
<b>R</b> 23492	23492	Handle
<b>R</b> 52176	52176	18V, 3.0 Ah, Li-ion Battery
<b>R</b> 52178	52178	120V Charger
<b>R</b> 52179	52179	230V Charger
<b>R</b> 52180	52180	12V Charger



### Crimping Dies for 12-Ton Tools

Crimping dies on page 31

## Gator® Battery-Powered 15-Ton Crimping Tool



EK1550L11



**15-TON**

- Intelli-CRIMP™ Technology includes a pressure sensor that monitors the crimping force of each crimp and provides the operator a visual and audible alert if the force is below specifications.
- Automatic Retraction Stop (ARS) retracts the ram just enough to get ready for the next cycle saving time and energy.
- LED light provides the operator with the battery charge and tool maintenance status.
- Two-stage hydraulic system provides fast advance and power speeds, saving time.
- One trigger controls all tool functions.
- Tools automatically retract when the crimping cycle is complete.
- Smart chargers maximize battery life.
- Accepts Kearney PH4/P14 dies without adapter.
- Assist handle is included to provide better balance for the tool.

### SPECIFICATIONS

### BATTERY POWERED

<b>Capacity</b>	Color-coded copper lugs and splices, 8 AWG to 1000 kcmil (MCM). Color-coded aluminum lugs and splices, 8 AWG to 1000 kcmil (MCM).
<b>Crimping Force</b>	30,000 lb (134 kN)
<b>Length</b>	19-5/8" (498 mm)
<b>Height</b>	15" (381 mm)
<b>Weight</b>	19 lbs. (8.5 kg)
<b>Battery</b>	18 V, 3.0 Ah, Li-ion
<b>Battery Charge Time</b>	30 minutes
<b>Est. Cycles per Charge</b>	50

\*EK1550L tools are UL and cUL classified with Anderson, Blackburn, Burndy, ILSCO, Panduit, Penn-Union and Thomas & Betts copper and aluminum color coded lugs and splices when used with 48802 die adapters and with Greenlee KC12 and KA12 crimping dies. The products listed above are registered trademarks of Anderson®, Blackburn®, FCI Burndy®, ILSCO®, Panduit®, Penn-Union® and Thomas & Betts®.

CAT. NO.	UPC NO.	DESCRIPTION
EK1550L11	52150	15-Ton Battery-Powered Crimping Tool w/120 V charger
EK1550L12	52151	15-Ton Battery-Powered Crimping Tool w/12 V charger
EK1550L22	52152	15-Ton Battery-Powered Crimping Tool w/230 V charger
EK1550L120	52152	15-Ton Battery-Powered Crimping Tool w/120 V AC Adapter
EK1550L230	52154	15-Ton Battery-Powered Crimping Tool w/230 V AC Adapter
EK1550FTLUB	01148	EK1550FT Bare Crimp Tool, 15T
EK1550LB	01149	EK1550 Bare Crimp Tool, 15T
48820	48820	Die Adapters - Burndy P dies (Y46), IlSCO ILD-P dies
48788	48788	Die Adapters - T&B 15600 dies, Blackburn 15600 dies
48802	48802	Die Adapters - Greenlee 12-Ton dies, Burndy 12-Ton dies, IlSCO ILD dies, T&B 15500 dies, Blackburn 15500 dies
48824	48824	Die Adapters - Kearney PH2/WH2
12274	12274	Carrying Strap
52176	52176	18 V, 3.0 Ah, Li-ion Battery
10118	10118	Carrying Case
52178	52178	120V Charger
52179	52179	230V Charger
52180	52180	12V Charger



# DIELESS CRIMPING

## Gator® Battery-Powered Quad-Point Dieless Crimping Tools

Cutting & Crimping



AVAILABLE AS  
**BARE TOOL**

CLASSIFIED  
**UL** US

**IntelliCRIMP**

**18V**  
Lithium-Ion

**LED**

**ARS**

**DIELESS**

**ARS**

**6.2-TON**

EK06ATL

EK06FTL

- Intelli-CRIMP™ Technology includes a pressure sensor that monitors the crimping force of each crimp and provides the operator a visual and audible alert if the force is below specifications.
- State of the art 18V lithium ion (Li-ion) battery provides 70% more cycles per charge and faster cycle times.
- Automatic Retraction Stop (ARS) retracts the ram just enough to get ready for the next cycle saving time and energy.
- LED light provides the operator with the battery charge and tool maintenance status.
- Two-stage hydraulic system provides fast advance and power speeds, saving time.
- Forward handle position improves tool balance.
- One trigger controls all tool functions.
- Crimping head rotates 350°.
- Tools automatically retract when the crimping cycle is complete.
- Overmolded tacky grip areas make gripping the tool easier and more comfortable.
- Smart chargers maximize battery life.
- Flip-top style uses a pull pin to open head for easy removal from the connector.
- U.S. Patents #6,206,663 and #6,065,326.

### SPECIFICATIONS BATTERY POWERED

<b>Capacity*</b>	See crimping tool capacity chart on page 5
<b>Crimping Force</b>	12,400 lbs (55 kN)
<b>Length</b>	EK06ATL & EK06ATCL – 14"(355 mm) EK06FTL – 14-7/8" (378 mm)
<b>Weight</b>	EK06ATL & EK06ATCL – 12 lbs. (5.4 kg) EK06FT – 11 lbs. (5 kg)
<b>Battery</b>	18V 3.0 Ah Li-ion
<b>Battery Charge Time</b>	30 minutes

\*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.

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.

The products listed above are registered trademarks of Anderson®, Blackburn®, FCI Burndy®, ILSCO®, Panduit®, Penn-Union® and Thomas & Betts®.

CAT. NO.	UPC NO.	DESCRIPTION
EK06ATL11	52053	Quad-Point Battery-Powered Crimping Tool, Open Head Dieless, 120 V Charger
EK06ATL12	52054	Quad-Point Battery-Powered Crimping Tool, Open Head Dieless, 12 V Charger
EK06ATL22	52055	Quad-Point Battery-Powered Crimping Tool, Open Head Dieless, 230 V Charger
EK06ATL120	52056	Quad-Point Crimping Tool w/120V AC Adapter
EK06ATL230	52057	Quad-Point Crimping Tool w/230V AC Adapter
EK06ATLB	01158	EK06AT Bare Dieless Crimper
EK06ATCL11	52058	Quad-Point Battery-Powered Crimping Tool, Open Rubber Covered Head Dieless, 120 V Charger
EK06ATCL12	52059	Quad-Point Battery-Powered Crimping Tool, Open Rubber Covered Head Dieless, 12 V Charger
EK06ATCL22	52060	Quad-Point Battery-Powered Crimping Tool, Open Rubber Covered Head Dieless, 230 V Charger
EK06ATCL120	52061	Quad-Point Crimping Tool w/120V AC Adapter
EK06ATCL230	52062	Quad-Point Crimping Tool w/230V AC Adapter
EK06FTL11	52063	Quad-Point Battery-Powered Crimping Tool, Flip-Top Head Dieless, 120 V Charger
EK06FTL12	52064	Quad-Point Battery-Powered Crimping Tool, Flip-Top Head Dieless, 12 V Charger
EK06FTL22	52065	Quad-Point Battery-Powered Crimping Tool, Flip-Top Head Dieless, 230 V Charger
EK06FTL120	52066	Quad-Point Crimping Tool w/120V AC Adapter
EK06FTL230	52067	Quad-Point Crimping Tool w/230V AC Adapter
EK06FTLB	01159	EK06FT Bare Dieless Crimper
<b>B</b> 52176	52176	18V 3.0 Ah Li-ion
<b>R</b> 10118	10118	Carrying Case
<b>R</b> 12274	12274	Carrying Strap
<b>R</b> 52178	52178	120V Charger
<b>R</b> 52179	52179	230V Charger
<b>R</b> 52180	52180	12V Charger

## Gator® Dieless Crimping Tools



EK12IDL

AVAILABLE AS  
**BARE TOOL**

CLASSIFIED  
cUL US

**IntelliCRIMP**

**ARS**

**18V**  
Lithium-Ion

**LED**



**DIELESS**

**12-TON**

- Intelli-CRIMP™ Technology includes a pressure sensor that monitors the crimping force of each crimp and provides the operator a visual and audible alert if the force is below specifications.
- State of the art 18V lithium ion (Li-ion) battery provides 70% more cycles per charge and faster cycle times.
- Automatic Retraction Stop (ARS) retracts the ram just enough to get ready for the next cycle saving time and energy.
- LED light provides the operator with the battery charge and tool maintenance status.
- Two-stage hydraulic system provides fast advance and power speeds, saving time.
- Forward handle position improves tool balance.
- One trigger controls all tool functions.
- Crimping head rotates 350°.
- Tools automatically retract when the crimping cycle is complete.
- Overmolded tacky grip areas make gripping the tool easier and more comfortable.
- Smart chargers maximize battery life.
- Flip open crimping head will allow crimping of 4 AWG - 1000 kcmil copper or 6 AWG - 1000 kcmil aluminum with no dies to change.

CAT. NO.	UPC NO.	DESCRIPTION
EK12IDL11	52048	Battery-Powered Dieless Crimping Tool, 115 V Battery Charger
EK12IDL12	52049	Battery-Powered Dieless Crimping Tool, 12 V Battery Charger
EK12IDL22	52050	Battery-Powered Dieless Crimping Tool, 230 V Battery Charger
EK12IDL120	52051	Crimping Tool w/120V AC Adapter
EK12IDL230	52052	Crimping Tool w/230V AC Adapter
<b>B</b> EK12IDLB	01128	EK12ID Bare Dieless Crimper
<b>A</b> 12274	12274	Carrying Strap
<b>R</b> 52178	52178	120V Charger
<b>R</b> 52179	52179	230V Charger
<b>R</b> 52180	52180	12V Charger
<b>R</b> 52176	52176	18V 3.0 Ah Li-ion Battery
<b>R</b> 10118	10118	EK12IDL Carrying Case

### SPECIFICATIONS

<b>EK12IDL</b>	
<b>Crimping Force:</b>	24,000 lbs. (106 kN)
<b>Length</b>	16 1/2" (420 mm)
<b>Height</b>	14 1/2" (368 mm)
<b>Weight</b>	15 lbs (6.8 kg)
<b>Battery</b>	18V 3.0 Ah Li-ion
<b>Battery Charge Time:</b>	30 minutes
<b>Capacity*</b>	<ul style="list-style-type: none"> <li>• Copper Color Coded Lugs and Splices: 4 AWG to 1000 kcmil*</li> <li>• Aluminum Color Coded Lugs and Splices: 6 AWG to 1000 kcmil*</li> </ul>

\*UL and cUL classified with Anderson®, Blackburn®, Burndy®, ILSCO®, Panduit®, Thomas & Betts®, Penn-Union® and Tyco® color-coded connectors. The products listed above are registered trademarks of Anderson®, Blackburn®, FCI Burndy®, ILSCO®, Panduit®, Penn-Union® and Thomas & Betts® and Tyco®.

## RK425 Gator® Remote-Powered Crimping Tool

**NEW PRODUCT**



RK425 shown with crimping jaw CJD30 (sold separately)

CAT NO.	UPC NO.	DESCRIPTION
RK425	01577	6-Ton Remote Crimping Tool
CJD3	03242	Crimping Jaw with single D die groove
CJD3BG	84515	Crimping Jaw Unit - D and BG die grooves
CJD30	87514	Crimping Jaw Unit - D and O die grooves
CJK	04829	Crimping Jaw Unit for Kearney "O" dies
CJB	84513	Cutting Jaw for one-time disposable lock hasps
CJXPJ	84512	Crimping Jaw with Nicopress X, P, & J die grooves

### SPECIFICATIONS

Crimping Force	6-Tons (54 kN)
Length (with jaws)	15" (381 mm)
Width (head open)	4" (108 mm)
Weight (with jaws)	4 lbs. (1.8 kg)
Crimp Cycle Time	~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

CRIMPING JAW COMPATIBILITY	BRAND	TYPE/SERIES
CJD3BG	Greenlee®	KD6 Series
CJD30	FCI Burndy®	W, X Series
CJD3	IlSCO®	ND Series
CJK*	Huskie®	HT-58 Series
*Requires F020735 Adapters	Panduit®	CD-2001 Series
CJK	Kearney™	Dies for Type "O" tools
CJXPJ	Nicopress	Connectors that require the X, P or J tool grooves

### CUTTING 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>
-----	--

**Dies for use with service entrance connectors, c-taps, h-taps, overhead and underground connectors (Use with EK425L with CJD3, CJD3BG & CJD30 jaws). Use with EK425L with CJK jaws with F020735 adapters.**

### "W"-STYLE DIES

CAT. NO.	UPC NO.	BURNDY NO.
KD6-10	10165	W-BG
KD6-11	10166	W-0
KD6-12	10167	W-C
KD6-13	10168	W-K840
KD6-14	10169	W-161
KD6-15	10170	W-162
KD6-16	10171	W-163
KD6-17	10172	W-165
KD6-18	10173	W-166
KD6-19	10174	W-243
KD6-20	10175	W-247
KD6-21	10176	W-249
KD6-22	10177	W-164
KD6-24	10179	W-237
KD6-25	10180	W-239
KD6-27	10182	W-28K

*The products listed above are registered trademarks of Anderson®, Blackburn®, FCI Burndy®, ILSCO®, Panduit®, Penn-Union® and Thomas & Betts®.*



CJD3BG



CJD30



CJD3



CJK

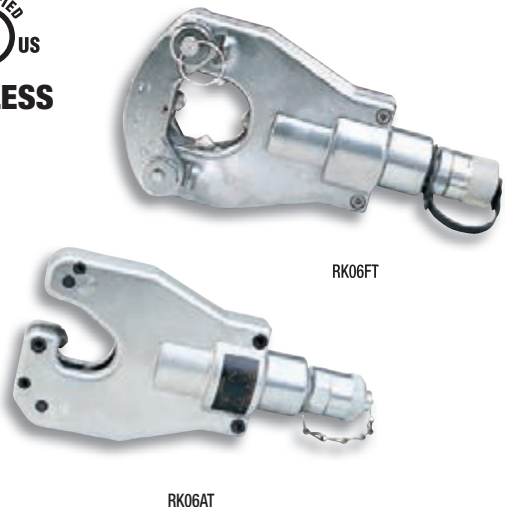


CJB



CJXPJ

## 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 in. 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.
- See pages 19, 57, 82, and 83 for hose and pump selection.

### SPECIFICATIONS

<b>Capacity*</b>	See crimping tool capacity chart on page 5.
<b>Crimping Force</b>	6.2 tons (55 kN)
<b>Length</b>	RK06AT – 10" (254 mm); RK06FT – 10-1/2" (267 mm)
<b>Weight</b>	6.2 lbs. (2.8 kg)

CAT. NO.	UPC NO.	DESCRIPTION
RK06AT	06066	Remote Powered Quad-Point Crimping Tool, Open Head Dieless
RK06FT	06197	Remote Powered Quad-Point Crimping Tool, Flip-Top Head Dieless

\*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.  
 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.  
 The products listed above are registered trademarks of Anderson®, Blackburn®, FCI Burndy®, ILSCO®, Panduit®, Penn-Union® and Thomas & Betts®.

## 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 hotsticks.
- Easy to get into tight locations, light weight makes them excellent choices for hotstick 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.
- Intellicrimp™ features available when used with Greenlee EHP700L.
- See pages 19, 57, 82, and 83 for hose and pump selection.

### SPECIFICATIONS

<b>Capacity*</b>	8 AWG to 750 kcmil copper color-coded lugs and splices. See crimping tool capacity chart on pg. 5 for additional capabilities
<b>Crimping Force</b>	24,000 lbs (106 kN)
<b>Length</b>	11-7/8" (302 mm)
<b>Weight</b>	RK1240 – 9.7 lbs. (4.4 kg)
<b>Max. Operating Pressure</b>	10,000 psi (700 bar)

CAT. NO.	UPC NO.	DESCRIPTION
RK1240	05351	12-Ton Remote-Powered Crimping Head, 1.65" (42 mm) opening
RK1240C	07205	12-Ton Remote-Powered Crimping Head, 1.65" (42 mm) opening, PVC covered

\*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. The products listed above are registered trademarks of Anderson®, Blackburn®, FCI Burndy®, ILSCO®, Panduit®, Penn-Union® and Thomas & Betts®.



**Crimping Dies for 12-Ton Tools**  
 Crimping dies on page 31

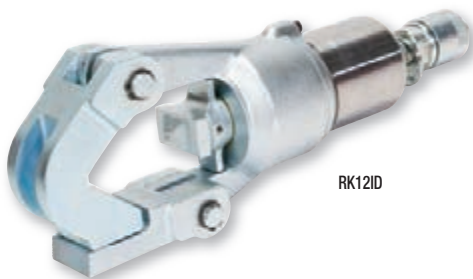


## RK12CX / RK12ID

**NEW**  
PRODUCT

CLASSIFIED  
**UL** US

**12-TON**

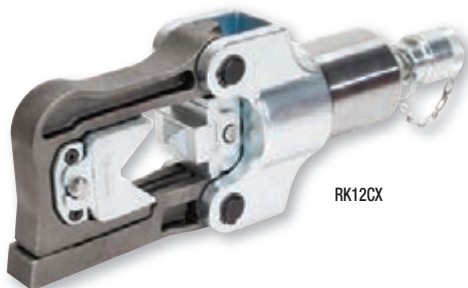


RK12ID

- 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
<b>Capacity*</b>	4AWG - 1000 kcmil copper or 6AWG kcmil aluminum and no dies to change.	
<b>Crimping Force</b>	24,000 lbs (106 kN)	24,000 lbs (106 kN)
<b>Length (mm)</b>	12.75 in. (324 mm)	13 in. (330 mm)
<b>Width (mm)</b>	4.25 in. (108 mm)	3.75 in. (95 mm)
<b>Depth</b>	2 in. (51 mm)	2 in. (51 mm)
<b>Weight (kg)</b>	9.75 lbs. (4.42 kg)	9.75 lbs. (4.42 mm)
<b>Max. Operating Pressure</b>	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\*



RK12CX

CAT. NO.	UPC NO.	DESCRIPTION
RK12ID	01566	12 Ton Remote Multi-Tool
RK12CX	01565	Dieless 12-Ton Remote Crimping Tool
UA22	07062	Adapter for Greenlee K22 Dies
UAK	07033	Adapter for Kearney "O", T&B "6 Ton", and Blackburn "OD" Dies
UC40	07036	Cutter Blades AL & CU 1-1/2" capacity
UCUNC38	07039	Cutter Blades for 3/8" threaded rod
UA12P	11890	Punch Driver Adapter (accepts 3/4" draw stud)
UA12ID	00803	Dieless Crimp Adaptor

### CCX Tool Accessories (optional, all in pairs except punch driver)



UA22



UAK



UC40



UCUNC38



UA12P



UA12ID

## 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.
- Intellicrimp™ features available when used with Greenlee EHP700L.
- See pages 19, 57, 82, and 83 for hose and pump selection.

### SPECIFICATIONS

<b>Capacity*</b>	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 the capacity chart on page 5
<b>Crimping Force at 10,000 psi (700 bar)</b>	30,000 lbs (133 kN)
<b>Length</b>	15" (380 mm);
<b>Width</b>	3" (76 mm)
<b>Height</b>	5-3/8" (135 mm)
<b>Weight</b>	14.1 lbs. (6.4 kg)
<b>Operating Pressure</b>	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. The products listed above are registered trademarks of Anderson®, Blackburn®, FCI Burndy®, ILSCO®, Panduit®, Penn-Union® and Thomas & Betts®.

CAT. NO.	UPC NO.	DESCRIPTION
RK1550	05353	15-Ton Single-Acting Remote-Powered Crimping Tool
48820	48820	Die Adapters – Burndy P dies (Y46), IlSCO ILD-P dies
48788	48788	Die Adapters – T&B 15600 dies, Blackburn 15600 dies
48802	48802	Die Adapters – Greenlee U dies, Burndy U dies, IlSCO ILD dies, T&B 15500 dies, Blackburn 15500 dies
48824	48824	Die Adapters – Kearney PH2/WH2 dies

## High Pressure 15-Ton Remote Powered Crimping Head

**NEW PRODUCT**



- 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 lbs (135 kN)
<b>Length</b>	13.75" (349mm)
<b>Width</b>	3" (76 mm)
<b>Height</b>	5" (127mm)
<b>Weight</b>	11.4 lbs (5.2kg)
<b>Operating Pressure</b>	10,000 psi (700 bar)

CAT. NO.	UPC NO.	DESCRIPTION
RK1550FT	00552	15 Ton, Flip Top, Remote Head Crimping Tool
UA15T	00260	Die-Adaptors - Greenlee "U" style dies, Burndy "U" style dies, IlSCO ILD style dies, T&B 15500 style dies, Blackburn 15500 style dies
23492	23492	Handle

# BATTERY-POWERED HYDRAULIC PUMPS

## EHP700LU Hydraulic Battery-Powered Pump

Cutting & Crimping

**NEW PRODUCT**

AVAILABLE AS  
**BARE TOOL**



- Loaded with intelligent features such as a multi-function pressure sensor, self-diagnostics, and a real-time LED readout.
- Versatile battery pump can crimp, cut and punch with up to 10,000 psi of pressure.
- Mode dial enables the user to select between three primary intelligent program settings: CRIMP, CUT and PUNCH.
- Each setting provides specific pressure functionality for the job at hand.
- Future Proof settings allow for a variety of additional functions to be programmed into the pump via a bi-directional optical connection.
- Intelli-CRIMP™ technology monitors the crimping process, ensuring the correct amount of pressure is applied for each crimp.
- Real-Time Monitoring is displayed via LED screen and recorded for statistics.
- Automatic Retraction detects pressure drop from completed action and releases pressure, preventing damage to head.
- Manual Retraction allows user to retract head to starting position at any time.

**18V**  
Lithium-Ion

**Intelli-CRIMP**  
INTELLIGENT CRIMPING SYSTEM™

**RSR**



### SPECIFICATIONS

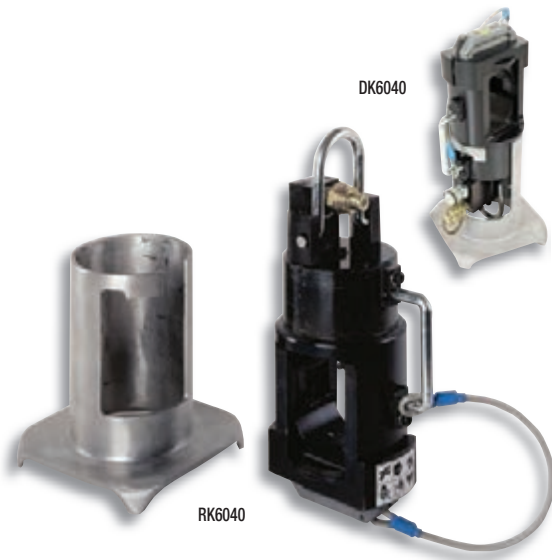
<b>Operating pressure:</b>	10,000 psi (700 bar)
<b>Oil volume:</b>	0.80 qt (0.76l)
<b>Flow rate of double stage pump:</b>	
Low pressure range:	up to 0.9 l/min
At full pressure:	0.3 l/min
<b>Degree of protection:</b>	IP43
<b>Battery voltage:</b>	18V
<b>Battery capacity:</b>	3.0 Ah, Li-Ion

### SPECIFICATIONS

<b>Number of batteries:</b>	2 - 1 active, 1 stored
<b>Charging time:</b>	30 minutes
<b>Ambient temperature:</b>	10°F - 104°F (-12°C to 40°C)
<b>Weight without batteries:</b>	10.8 lbs. (4.9 kg)
<b>Weight with 2 batteries:</b>	14.1 lbs.
<b>Length:</b>	14.0" (356mm)
<b>Width:</b>	6.5" (165mm)
<b>Height:</b>	11.5" (292mm)

CAT. NO.	UPC NO.	DESCRIPTION
EHP700LU11	00754	Power Pump, Bat 120V Chgr
EHP700LU12	00755	Power Pump, Bat 12V Chgr
EHP700LU22	00757	Power Pump, Bat 230V Chgr
EHP700LU120	00756	Power Pump, 120V Adapter
EHP700LU230	00758	Power Pump, 230V Adapter
<b>B</b> EHP700LUB	01150	EHP700 Bare Pump
HTA4GL	00759	Remote Control
TG3	01054	Strap
EAC18120	52191	Adapter,Ac - 120V To 18V
EAC18230	52192	Adapter,Ac - 230V To 18V
52176	52176	Battery, 18V Li Ion 3.0Ah
52178	52178	Charger, Battery 120V
52179	52179	Charger, Battery 230V
52180	52180	Charger, Battery 12V
25766	25766	Adapter, Charger 18V Li To 12V Ni
EL122/32	02042	Hydraulic Fluid, Biodegradable
17707	17707	Hose Assy, 1/4" X 10' 3/8M&1/4M Filled
05850	05850	Hose Assy, 1/4" X 10' 3/8M&3/8F Filled
01058	01058	Hose Assy, 1/4" X 6' 3/8M&1/4M Filled
01059	01059	Hose Assy, 1/4" X 6' 3/8M&3/8F Filled

## 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.

SPECIFICATIONS	RK6040	DK6040
Crimping force at 10,000 psi (700 bar)		120,000 lbs. (530 kN)
Height		17" (432 mm)
Width		6" (153 mm)
Weight	45 lb. (20 kg)	52 lbs (23.5 kg)
Operating Pressure		10,000 psi (700 bar)
Oil Volume Required		.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

CAT. NO.	UPC NO.	DESCRIPTION
RK6040	10604	60-Ton Crimping Tool - Single Acting
DK6040	12661	60-Ton Crimping Tool - Double Acting

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## Dynapress® Hydraulic Intensifier



- Small and compact, the HB10 operates 10,000 psi (700 bar) remote head tools.
- Able to operate on either Open- or Closed-Center hydraulic systems without making any changes to the tool.
- Uses the proven, versatile Dynapress® remote control valves and hose sets.
- Supplied with pressure and return high pressure (10,000 psi/700 bar) screw-type couplers (HTMA couplers ordered separately).
- Supplied with convenient foldable carrying handle, and can be permanently mounted.

### SPECIFICATIONS

<b>System</b>	Open- and Closed-Center
<b>Low Pressure Side</b>	
Input Pressure	1,000 - 2,200 psi (69 - 152 bar)
Input Flow	4 - 8 gpm (15 - 30 lpm)
Max. Back Pressure	200 psi (13.8 bar)
Port Sizes	3/4 - 16 SAE O-ring (pressure and return)
<b>High Pressure Side</b>	
Output Flow	35 cu-in/min (574 cu-cm/min)
Output Pressure	10,000 psi (700 bar)
Relief Valve Setting	10,000 psi (700 bar)
Port Sizes	1/4 - 18 NPSM (couplers provided)
<b>Fast Advance Flow</b>	320 cu-in/min (5,248 cu-cm/min)
<b>Weight</b>	10.3 lb. (4.7 kg) booster with high-pressure couplers and dry (no oil)
<b>Length</b>	5.6" (142 mm)
<b>Width</b>	4.0" (101 mm)*
<b>Height</b>	4.0" (101 mm)*

\* Note: Width and height dimensions do not include handle, relief valve cap or couplings

CAT. NO.	UPC NO.	DESCRIPTION
HB10	49830	Dynapress® Hydraulic Intensifier, 10,000 psi/700 bar output
A 54923	54923	HTMA Male Coupler
A 54925	54925	HTMA Female Coupler



## Certified Non-Conductive High Pressure Hoses



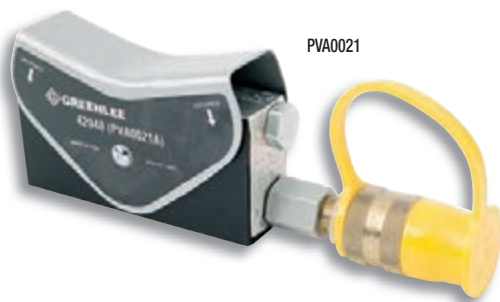
**Certified Non-conductive High Pressure Dual Hose Set - Rated 10,000 psi (700 bar)**  
**Rated 10,000 psi (700 bar)** For use between Dynapress® intensifier or electric pump and control valve. Each pair includes 3/16" (4.8 mm) I.D. pressure hoses with one 1/4" NPT male fitting on one end and high-pressure quick-disconnect on the other end.

CAT. NO.	UPC NO.	DESCRIPTION
<b>A</b> 138573	41107	6 ft. (1.8 m)
<b>A</b> 138574	41108	10 ft. (3 m)

**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.

<b>A</b> F020721	41795	6 ft. (1.8 m)
<b>A</b> F020723	41796	10 ft. (3 m)

## High Pressure Hydraulic Control Valves for Cutters and Crimping Tools



PVA0021



PVA0022

- 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

System	See control valve description below
Maximum Operating Pressure	10,000 psi (700 bar) return relief
Return Pressure for PVA0022	5,000 psi (350 bar)
Input Flow Range	3 - 8 gpm (12 - 30 lpm)
Weight	PVA0021: 3 lb. (1.4 kg) PVA0022: 2.8 lb. (1.3 kg)
Length	PVA0021: 9.5" (240 mm) PVA0022: 7.5" (190 mm)
Width	2" (44 mm)
Height	3.5" (89 mm)
Port Size Inlet	1/4 - 18 NPTF; Tool: 1/4 - 18 NPSM
Couplers	High Pressure Quick-Disconnects included, 10,000 psi (700 bar)

CAT. NO.	UPC NO.	DESCRIPTION
PVA0021	42948	Control Valve, 4-Way, 3-Position Valve for Single-Acting Tool, High Pressure Quick Disconnects included
PVA0022	42949	Control Valve, 4-Way, 3-Position Valve for Double-Acting Tool, High Pressure Quick Disconnects included

## 10,000 psi (700 bar) High Pressure Couplers



130868



130878



54169



F024631



F022061



F021627

CAT. NO.	UPC NO.	DESCRIPTION
<b>A</b> 130868	40647	Male Coupler, nose half 1/4 - 18 NPSM
<b>A</b> 130878	40652	Female Coupler 1/4 - 18 NPSM
<b>A</b> 54169	54169	Male Coupler, nose half 1/4 - 18 NPTF (Used on HB10)
<b>A</b> F024631	42096	Female Coupler 1/4 - 18 NPTM (Used on HB10)
<b>A</b> F022061	41941	Male Coupler, nose half 3/8 - 18 NPTF
<b>A</b> F021627	41877	Female Coupler 3/8 - 18 NPTM

## LP6 - 6 Ton Hydraulic Crimper/Cutter

**NEW  
PRODUCT**



- Interchangeable crimping and cutting jaws vs. competitive fixed jaw head
- 350° Rotating head aids in access to tight spaces
- Light weight, enabling one hand operation –
- Factory installed coupler option for ease of purchase
- Spring loaded pin for quick change over jaws

### SPECIFICATIONS

Crimping Force	6-Tons (54 kN)
Length (with jaws)	20-1/2" (521 mm)
Width (head open)	4-1/2" (114 mm)
Weight (with jaws)	8.4 lbs. (3.8 kg)

### 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

CRIMPING JAW COMPATIBILITY	BRAND	TYPE/SERIES
CJD3BG	Greenlee®	KD6 Series
CJD30	FCI Burndy®	W, X Series
CJD3	IlSCO®	ND Series
CJK*	Huskie®	HT-58 Series
*Requires F020735 Adapters	Panduit®	CD-2001 Series
CJK	Kearney™	Dies for Type "O" tools
CJXPJ	Nicopress connectors	Connectors that require the X, P or J tool grooves

### CUTTING JAW COMPATIBILITY

CJB	<ul style="list-style-type: none"> <li>• One time disposable lock hasps</li> <li>4 AWG Alumoweld</li> <li>• ACSR 1/0</li> </ul>
-----	---



CJD3BG



CJD30



CJD3



CJK



CJB



CJXPJ

## LP6 - 6 Ton Hydraulic Crimper/Cutter

CAT NO.	UPC NO.	DESCRIPTION	JAW CONFIGURATION	COUPLERS
LP6-01	00816	6-Ton Hydraulic Crimping Tool - Bare - No Coupler - Open Center	Bare	No
LP6-02	00817	6 Ton Hydraulic Crimping Tool - Bare - No Coupler - Closed Center	Bare	No
LP6-03	00818	6-Ton Hydraulic Crimping Tool - Bare - Coupler - Open Center	Bare	Yes - 3/4-16 SAE
LP6-04	00819	6 Ton Hydraulic Crimping Tool - Bare - Coupler - Closed Center	Bare	Yes - 3/4-16 SAE
LP6-05	00821	6-Ton Hydraulic Crimping Tool - CJD3BG - No Coupler - Open Center	CJD3BG	No
LP6-06	00822	6 Ton Hydraulic Crimping Tool - CJD3BG - No Coupler - Closed Center	CJD3BG	No
LP6-07	00823	6-Ton Hydraulic Crimping Tool - CJD3BG - Coupler - Open Center	CJD3BG	Yes - 3/4-16 SAE
LP6-08	00824	6 Ton Hydraulic Crimping Tool - CJD3BG - Coupler - Closed Center	CJD3BG	Yes - 3/4-16 SAE
LP6-09	00825	6-Ton Hydraulic Crimping Tool - CJD30 - No Coupler - Open Center	CJD30	No
LP6-10	00826	6 Ton Hydraulic Crimping Tool - CJD30 - No Coupler - Closed Center	CJD30	No
LP6-11	00833	6-Ton Hydraulic Crimping Tool - CJD30 - Coupler - Open Center	CJD30	Yes - 3/4-16 SAE
LP6-12	00834	6 Ton Hydraulic Crimping Tool - CJD30 - Coupler - Closed Center	CJD30	Yes - 3/4-16 SAE
LP6-13	00836	6-Ton Hydraulic Crimping Tool - CJD3 - No Coupler - Open Center	CJD3	No
LP6-14	00837	6 Ton Hydraulic Crimping Tool - CJD3 - No Coupler - Closed Center	CJD3	No
LP6-15	00839	6-Ton Hydraulic Crimping Tool - CJD3 - Coupler - Open Center	CJD3	Yes - 3/4-16 SAE
LP6-16	00840	6 Ton Hydraulic Crimping Tool - CJD3 - Coupler - Closed Center	CJD3	Yes - 3/4-16 SAE
LP6-17	00841	6-Ton Hydraulic Crimping Tool - CJK - No Coupler - Open Center	CJK	No
LP6-18	00842	6 Ton Hydraulic Crimping Tool - CJK - No Coupler - Closed Center	CJK	No
LP6-19	00847	6-Ton Hydraulic Crimping Tool - CJK - Coupler - Open Center	CJK	Yes - 3/4-16 SAE
LP6-20	00848	6 Ton Hydraulic Crimping Tool - CJK - Coupler - Closed Center	CJK	Yes - 3/4-16 SAE
CJD3	03242	Crimping Jaw with single D die groove	CJD3	N/A
CJD3BG	84515	Crimping Jaw Unit - D and BG die grooves	CJD3BG	N/A
CJD30	87514	Crimping Jaw Unit - D and O die grooves	CJD30	N/A
CJK	04829	Crimping Jaw Unit for Kearney "O" dies	CJK	N/A
CJ22	84511	Crimping Jaw for use with KC22 & KA22 crimping dies	CJ22	N/A
CJB	84513	Cutting Jaw for one-time disposable lock hasps	CJB	N/A
CJXPJ	84512	Crimping Jaw with Nicopress X, P, & J die grooves	CJXPJ	N/A
CP1	22041	Tool Pouch	N/A	N/A
F020735	43136	Kearney "D" crimping die (adapts jaws to use "W" & "X" dies)	F020735	N/A
KD6-27	10182	"W" style cutter dies for ACSR to 4/0 AWG	KD6-27	N/A
54923	54923	HTMA Male Coupler - 3/4 - 16SAE O-Ring external thread	N/A	N/A
54925	54925	HTMA Female Coupler - 3/4 - 16SAE O-Ring external thread	N/A	N/A

**Dies for use with service entrance connectors, c-taps, h-taps, overhead and underground connectors (Use with EK425L with CJD3, CJD3BG & CJD30 jaws). Use with EK425L with CJK jaws with F020735 adapters.**

**"W"-STYLE DIES**

CAT. NO.	UPC NO.	BURNDY NO.
KD6-10	10165	W-BG
KD6-11	10166	W-O
KD6-12	10167	W-C
KD6-13	10168	W-K840
KD6-14	10169	W-161
KD6-15	10170	W-162
KD6-16	10171	W-163
KD6-17	10172	W-165
KD6-18	10173	W-166
KD6-19	10174	W-243
KD6-20	10175	W-247
KD6-21	10176	W-249
KD6-22	10177	W-164
KD6-24	10179	W-237
KD6-25	10180	W-239
KD6-27	10182	W-28K



CP1

*The products listed above are registered trademarks of Anderson®, Blackburn®, FCI Burndy®, ILSCO®, Panduit®, Penn-Union® and Thomas & Betts®.*

## 12-Ton (10.9 t) Crimping Tool – 1.20" (30 mm) Jaw



- No high pressure intensifier required.
- Relief valve signals operator when crimp is complete.
- Compatible with dies for: Burndy Y35; Alcoa 12A, 12AC, 12HA, 12HAC; Anderson HC-12, HC-12H.
- Accepts standard "U"-style dies.
- Head rotates for easy tool positioning.
- Powered in both the advance and retract directions to prevent hang-ups.

### SPECIFICATIONS

<b>Capacity (jaw opening)</b>	1.20" (30 mm)
<b>System</b>	Open- and Closed-Center Hydraulic Systems
<b>Weight</b>	18.5 lb. (8.44 kg)
<b>Length</b>	19.3" (490.2 mm)
<b>Height</b>	7" (177.8 mm)
<b>Operating Pressure</b>	1,500 - 2,500 psi (103 - 172 bar)
<b>Crimping Force at 1,500 psi (103 bar)</b>	24,000 lb. (106.8 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
LPK1230	49340	Crimping Tool – 12-Ton (10.9 t) crimping force, dies and couplers not included
A 54923	54923	HTMA Male Coupler
A 54925	54925	HTMA Female Coupler
A 35887	35887	Crimping Tool Load Cell - 12 Ton

## 12-Ton (10.9 t) 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.

### SPECIFICATIONS

<b>Capacity (jaw opening)</b>	1.65" (42 mm)
<b>System</b>	Open- and Closed-Center Hydraulic Systems
<b>Weight</b>	19.7 lb. (8.9 kg)
<b>Length</b>	20.3" (515.6 mm)
<b>Width</b>	5.5" (139.7 mm)
<b>Operating Pressure</b>	1,500 - 2,500 psi (103 - 172 bar)
<b>Crimping Force at 1,500 psi (103 bar)</b>	24,000 lb. (106.8 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
LPK1240	49345	Crimping Tool – 12-Ton (10.9 t) crimping force, dies and couplers not included
A 54923	54923	HTMA Male Coupler
A 54925	54925	HTMA Female Coupler
A 35887	35887	Crimping Tool Load Cell - 12 Ton

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## 12-Ton (10.9 t) 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.

### SPECIFICATIONS

<b>System</b>	Open- and Closed-Center Hydraulic Systems
<b>Weight</b>	19.5 lb. (8.8 kg)
<b>Length</b>	20.3" (515.6 mm)
<b>Width</b>	5.5" (139.7 mm)
<b>Operating Pressure</b>	1,500 - 2,500 psi (103 - 172 bar)
<b>Crimping Force at 1,500 psi (103 bar)</b>	24,000 lb. (106.8 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
LPK1240K	49350	Crimping Tool – 12-Ton (10.9 t) crimping force, dies and couplers not included
<b>A</b> 54923	54923	HTMA Male Coupler
<b>A</b> 54925	54925	HTMA Female Coupler
<b>A</b> 35887	35887	Crimping Tool Load Cell - 12 Ton

## 15-Ton (13.6 t) 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.

CAT. NO.	UPC NO.	DESCRIPTION
<b>A</b> LPK1550	49355	Crimping Tool – 15-Ton (13.6 t) crimping force, dies and couplers not included
48820	48820	Die Adapter – Burndy Y46, Penn-Union TPU 15BH
<b>A</b> 48788	48788	Die Adapter – Thomas & Betts TBM 15PF
<b>A</b> 48802	48802	Die Adapter – 12-ton "U" Die
<b>A</b> 48824	48824	Die Adapter – Kearney PH2
<b>A</b> 54923	54923	HTMA Male Coupler
<b>A</b> 54925	54925	HTMA Female Coupler

### 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

The products listed above are registered trademarks of Anderson®, Blackburn®, FCI Burndy®, ILSCO®, Panduit®, Penn-Union® and Thomas & Betts®.

## Low Pressure 15 Ton Crimping Tool

**NEW  
PRODUCT**



- No high pressure intensifier required.
- 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.
- Light weight flip-top head with patented quick release locking pin.
- 2" jaw opening.
- 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>System</b>	Open and closed-center hydraulic systems
<b>Crimping Force at 1,500 psi</b>	30,000 lbs (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 lbs (11.3kg)
<b>Length</b>	23.5" (597mm)
<b>Width</b>	6.5" (165mm)

CAT. NO.	UPC NO.	DESCRIPTION
LPK1550FT	00490	15 Ton, Flip Top, Low Pressure Crimping Tool
UA15T	00260	Die-Adaptors - Greenlee "U" style dies, Burndy "U" style dies, IlSCO ILD style dies, T&B 15500 style dies, Blackburn 15500 style dies
23492	23492	Handle

## 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 – a Greenlee exclusive.
- 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.
- U.S. Patent #6,206,663.

### SPECIFICATIONS

<b>Capacity*</b>	HK1230 & HK1240 – 8 AWG to 750 kcmil copper color-coded lugs and splices. See crimping tool capacity chart on page 5
<b>Crimping Force</b>	24,000 lbs (106 kN)
<b>Length</b>	HK1230 – 20-3/8" (518 mm); HK1240 – 21-1/2" (546 mm);
<b>Weight</b>	HK1230 – 12.2 lbs (5.5 kg) HK1240 – 13.2 lbs (6.0 kg)

CAT. NO.	UPC NO.	DESCRIPTION
HK1230	06426	12-Ton Hydraulic Crimping Tool, 1.2" (30 mm) opening
HK1230C	07199	12-Ton Hydraulic Crimping Tool, 1.2" (30 mm) opening, PVC covered
HK1240	06427	12-Ton Hydraulic Crimping Tool, 1.65" (42 mm) opening
HK1240C	07202	12-Ton Hydraulic Crimping Tool, 1.65" (42 mm) opening, PVC covered



**Crimping Dies for 12-Ton Tools**  
Crimping dies on page 31

*\*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. The products listed above are registered trademarks of Anderson®, Blackburn®, FCI Burndy®, ILSCO®, Panduit®, Penn-Union® and Thomas & Betts®.*

## 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

<b>Capacity*</b>	8 AWG to 750 kcmil copper color-coded lugs and splices. See crimping tool capacity chart on page 5 for additional capacities.
<b>Crimping Force</b>	24,000 lbs (106 kN)
<b>Length</b>	24-1/4" (616 mm)

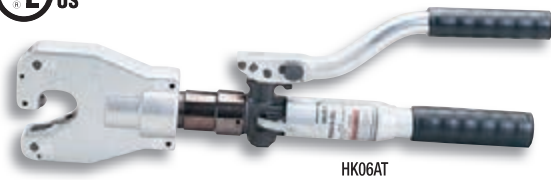
CAT. NO.	UPC NO.	DESCRIPTION
HKL1232	23521	12-Ton Hydraulic Crimping Tool, 1.4" (32 mm) opening



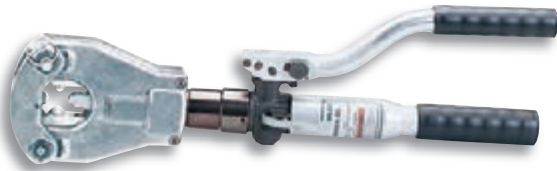
**Crimping Dies for 12-Ton Tools**  
Crimping dies on page 31

*\*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. The products listed above are registered trademarks of Anderson®, Blackburn®, FCI Burndy®, ILSCO®, Panduit®, Penn-Union® and Thomas & Betts®.*

## Manual Hydraulic Quad-Point Dieless Crimping Tools



HK06AT



HK06FT

\*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.

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.

The products listed above are registered trademarks of Anderson®, Blackburn®, FCI Burndy®, ILSCO®, Panduit®, Penn-Union® and Thomas & Betts®.

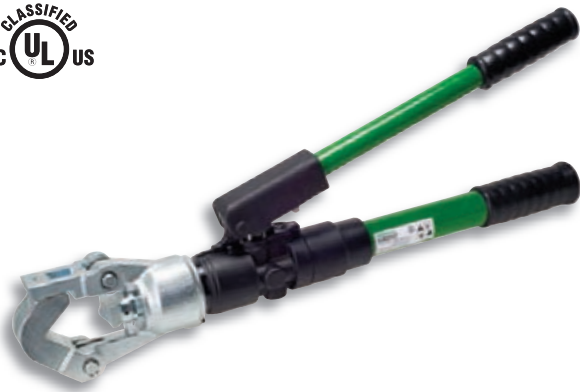
- Two-speed pump advances the ram quickly to start the crimp, reducing crimp completion time. The ram automatically retracts after the crimp is complete.
- Flip-top style uses a pull pin to open head for easy removal from the connector.
- Compact, featuring a 360° rotating head.
- Includes carrying case, test gauge and test slugs.
- U.S. Patents #6,206,663 and #6,065,326.

### SPECIFICATIONS

<b>Capacity*</b>	See crimping tool capacity chart on page 5.
<b>Length</b>	HK06AT – 20-3/4" (525 mm) HK06FT – 21-1/16" (535 mm)
<b>Weight</b>	9.0 lbs. (4.1 kg)

CAT. NO.	UPC NO.	DESCRIPTION
HK06AT	06065	Hydraulic Quad-Point Crimping Tool, Open Head Dieless
HK06FT	06196	Hydraulic Quad-Point Crimping Tool, Flip-Top Dieless

## Hand Hydraulic Dieless Crimping Tool



\*UL and cUL Classified with Anderson, Burndy, Blackburn, IlSCO, Panduit, Penn-Union, Thomas & Betts, and Tyco connectors

- 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

<b>Overall Length</b>	26" (657mm)
<b>Crimping Head Width:</b>	4-3/8" (111 mm)
<b>Weight</b>	15 lb. (7 kg)
<b>Crimping Range:</b>	Aluminum - 6 AWG to 1000 kcmil Copper - 4 AWG to 1000 kcmil
<b>Copper Color Coded Lugs And Splices:</b>	4 AWG to 1000 kcmil*
<b>Aluminum Color Coded Lugs and Splices:</b>	6 AWG to 1000 kcmil*

CAT. NO.	UPC NO.	DESCRIPTION
HK12ID	10107	Hand Hydraulic Dieless Crimping Tool



# CRIMPING DIES

## Crimping Dies for 4-Ton EK410L Tools



### 4-TON CRIMPING DIE KIT\*

CAT. NO.	UPC NO.	DESCRIPTION
KC4CU	02037	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	12237	Complete die set for aluminum connectors. Includes dies for 8 AWG through 2/0 AWG. (Dies can be stored in tool carrying case.)

### KC4 DIES FOR SERVICE ENTRANCE CONNECTORS

CAT. NO.	UPC NO.	DESCRIPTION
KD4-10	02021	Crimping Dies for 5/8" Service Entrance Connectors
KD4-840	02022	Crimping Dies for 840 Service Entrance Connectors
24163	24163	Blank Crimping Dies

### DIES FOR CRIMPING COLOR-CODED COPPER & ALUMINUM LUGS & SPLICES

CABLE SIZE	ALUMINUM			COPPER		
	CAT. NO.	UPC NO.	COLOR	CAT. NO.	UPC NO.	COLOR
8 AWG	KA4-8	12222	BLUE	KC4-8	02075	RED
6 AWG	KA4-6	12223	GRAY	KC4-6	02076	BLUE
4 AWG	KA4-4	12225	GREEN	KC4-4	02077	GRAY
2 AWG	KA4-2	12226	PINK	KC4-2	02078	BROWN
1 AWG	KA4-1	12227	GOLD	KC4-1	02079	GREEN
1/0 AWG	KA4-1/0	12228	TAN	KC4-1/0	02080	PINK
2/0 AWG	KA4-2/0	12229	OLIVE	KC4-2/0	02081	BLACK
3/0 AWG	-	-		KC4-3/0	02082	ORANGE
4/0 AWG	-	-		KC4-4/0	02083	PURPLE
250 KCMIL (MCM)	-	-		KC4-250	02084	YELLOW
300 KCMIL (MCM)	-	-		KC4-300	10988	WHITE



\*Note: Connections are UL and cUL classified for copper and aluminum when used with Anderson, Blackburn, FCI Burndy, ILSCO, Panduit, Thomas & Betts and Penn-Union color-coded lugs and splices.

### For Use With:



EK410  
page 8

# Crimping Dies for 6-Ton Tools



All dies on this page for use with EK628L, ECCXL, and EK622L tools.

### 6-TON CRIMPING DIE KIT\*

CAT. NO.	UPC NO.	DESCRIPTION
K22S1GL	03078	Die Kit for 8 AWG to 600 kcmil Copper Connectors – Includes all copper die sets listed below and carrying case
KD06AL	01631	Die Kit for 8 AWG to 350 kcmil Aluminum Connectors – Includes all aluminum die sets listed below and carrying case



### DIES FOR CRIMPING COLOR-CODED COPPER & ALUMINUM LUGS & SPLICES\* (REQUIRE UA22 ADAPTER WHEN USED WITH ECCXL, HCCX, & RCCX TOOLS)

#### 22 SERIES CRIMPING DIES

CABLE SIZE	ALUMINUM			COPPER		
	CAT. NO.	UPC NO.	COLOR	CAT. NO.	UPC NO.	COLOR
8 AWG	KA22-8	06744	BLUE	KC22-8	03079	RED
6 AWG	KA22-6	06745	GRAY	KC22-6	03080	BLUE
4 AWG	KA22-4	06746	GREEN	KC22-4	03081	GRAY
2 AWG	KA22-2	06747	PINK	KC22-2	03082	BROWN
1 AWG	KA22-1	06749	GOLD	KC22-1	03083	GREEN
1/0 AWG	KA22-1/0	06750	TAN	KC22-1/0	03084	PINK
2/0 AWG	KA22-2/0	06751	OLIVE	KC22-2/0	03085	BLACK
3/0 AWG	KA22-3/0	06752	RUBY	KC22-3/0	03086	ORANGE
4/0 AWG	KA22-4/0	06753	WHITE	KC22-4/0	03087	PURPLE
250 KCMIL (MCM)	KA22-250	06754	RED	KC22-250	03088	YELLOW
300 KCMIL (MCM)	KA22-300	06755	BLUE	KC22-300	03089	WHITE
350 KCMIL (MCM)	KA22-350	06756	BROWN	KC22-350	03090	RED
400 KCMIL (MCM)	-	-	-	KC22-400	03091	BLUE
500 KCMIL (MCM)	-	-	-	KC22-500	03092	BROWN
600 KCMIL (MCM)	-	-	-	KC22-600	03094	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.



### 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)

#### "W" STYLE DIES

CAT. NO.	UPC NO.	BURNDY NO.	CAT. NO.	UPC NO.	BURNDY NO.
KD6-10	10165	W-BG	KD6-18	10173	W-166
KD6-11	10166	W-O	KD6-19	10174	W-243
KD6-12	10167	W-C	KD6-20	10175	W-247
KD6-13	10168	W-K840	KD6-21	10176	W-249
KD6-14	10169	W-161	KD6-22	10177	W-164
KD6-15	10170	W-162	KD6-24	10179	W-237
KD6-16	10171	W-163	KD6-25	10180	W-239
KD6-17	10172	W-165	KD6-27	10182	W-28K

6-Ton Tools can be found on pages 6 (EK425), and 9 (EK622)

### For Use With:



EK425  
page 6



EK622  
page 9



RK425  
page 15

## 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.

### 12-TON CRIMPING KITS

#### "U" STYLE DIE KITS

CAT. NO.	UPC NO.	DESCRIPTION
KD12CU	10260	Die Kit for 6 AWG to 750 kcmil Copper Connectors – Includes all copper die sets below except KC12-8
KD12AL	10261	Die Kit for 6 AWG to 750 kcmil Aluminum Connectors – Includes all aluminum die sets below except 35776.

Cutting & Crimping

### DIES FOR CRIMPING COLOR-CODED COPPER & ALUMINUM LUGS & SPLICES

#### "U" STYLE DIES

CABLE SIZE	ALUMINUM			COPPER		
	CAT. NO.	UPC NO.	COLOR	CAT. NO.	UPC NO.	COLOR
8 AWG	KA12-8	22084	BLUE	KC12-8	10996	GRAY
6 AWG	KA12-6	22085	GRAY	KC12-6	10997	BLUE
4 AWG	KA12-4	22086	GREEN	KC12-4	10998	GRAY
2 AWG	KA12-2	22087	PINK	KC12-2	10999	BROWN
1 AWG	KA12-1	22088	GOLD	KC12-1	11003	GREEN
1/0 AWG	KA12-1/0	22089	TAN	KC12-1/0	11004	PINK
2/0 AWG	KA12-2/0	22090	OLIVE	KC12-2/0	11007	BLACK
3/0 AWG	KA12-3/0	22121	RUBY	KC12-3/0	11010	ORANGE
4/0 AWG	KA12-4/0	22122	WHITE	KC12-4/0	11011	PURPLE
250 KCMIL (MCM)	KA12-250	22123	RED	KC12-250	11012	YELLOW
300 KCMIL (MCM)	KA12-300	22124	BLUE	KC12-300	11013	WHITE
350 KCMIL (MCM)	KA12-350	22125	BROWN	KC12-350	11014	RED
400 KCMIL (MCM)	KA12-400	22126	GREEN	KC12-400	11015	BLUE
500 KCMIL (MCM)	KA12-500	22127	PINK	KC12-500	11016	BROWN
600 KCMIL (MCM)	KA12-600	22128	BLACK	KC12-600	11018	GREEN
750 KCMIL (MCM)	KA12-750	22129	YELLOW	KC12-750	11020	BLACK

#### For Use With:



EK1240  
page 10



HK1240  
page 27



RK1240  
page 16



EK11550FTLU  
page 11



\*Connections are UL and cUL classified for copper connectors when used with Greenlee tools on Anderson®, Blackburn®, FCI Burndy®, ILSCO®, Panduit®, Thomas & Betts® and Penn-Union® color-coded lugs and splices.

\*\*Connections are UL and cUL classified for aluminum connectors when used with Greenlee tools on Anderson®, Blackburn®, FCI Burndy®, ILSCO®, Panduit®, Thomas & Betts® and Penn-Union® color-coded lugs and splices.

### DIES FOR USE WITH SERVICE ENTRANCE CONNECTORS, C-TAPS, H-TAPS, OVERHEAD AND UNDERGROUND CONNECTORS

#### ADDITIONAL "U" - STYLE DIES

CAT. NO.	UPC NO.	BURNDY NO.	CAT. NO.	UPC NO.	BURNDY NO.
KD12-10	10188	U-BG	KD12-30	10200	U-D3
KD12-11	10189	U-O	KD12-32	10202	U-F
KD12-12	10190	U-C	KD12-33	10203	U-997
KD12-14	10192	U-161	KD12-35	10205	U-238
KD12-15	10193	U-162	KD12-36	10206	U-654
KD12-17	10195	U-165	KD12-37	10207	U-655
KD12-18	10196	U-166	KD12-38	10208	U-658
KD12-19	10197	U-243	KD12-39	10209	U-659
KD12-20	10198	U-247	KD12-40	10210	U-998
KD12-21	10199	U-249	-	-	-



12-Ton Tools can be found on pages 10 (EK1240), 27 (HK1240) and 39 (O1082)

# 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>6</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>	W <sup>2</sup> , X <sup>2</sup>	6-TON <sup>9</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	-	-	PH2	-
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 CJD38G 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 & B <sup>3</sup>	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 CJO3 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, 4UCABT	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 CJO3 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 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

#### ECCXL, EK622L & EK628L

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	D <sub>3</sub> <sup>4</sup>	-	-	-	-	-	DBL
3/0-4/0 AWG	1/0-2/0 AWG	D <sub>3</sub> <sup>4</sup>	-	-	-	-	-	-
3/0-4/0 AWG	3/0-4/0 AWG	D <sub>3</sub> <sup>4</sup>	-	-	-	-	-	-

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 Cross Reference

### Copper 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.

# HAND TOOLS

## 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 AWG – 1 AWG copper color-coded connectors
Length	10" (273 mm)
Weight	1.4 lbs. (0.6 kg)

CAT. NO.	UPC NO.	DESCRIPTION
K111	10763	Crimping Tool

\*UL and cUL classified with Anderson, Blackburn, Burndy, ILSCO, Panduit, Penn-Union and Thomas & Betts copper color-coded connectors. The products listed above are registered trademarks of Anderson®, Blackburn®, FCI Burndy®, ILSCO®, Panduit®, Penn-Union® and Thomas & Betts®.

## K-Series Crimping Tool 8-1/0 AWG



- Crimps smaller copper connectors.
- Small, light weight, easy to handle.
- Easy to get in tight locations.
- Color-coded, hexagonal rotating dies.
- Full cycle mechanism releases only after full crimp cycle is completed.

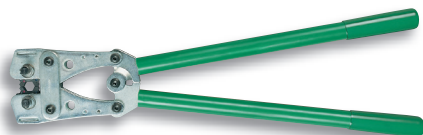
### SPECIFICATIONS

Capacity*	8 AWG – 1/0 AWG Copper
Length	15.4" (390 mm)
Weight	2.4 lbs. (1.1 kg)

CAT. NO.	UPC NO.	DESCRIPTION
K05-1GL	02624	Crimping Tool
K05-1SPGL	02625	Crimping Tool, full cycle mechanism
<b>R</b> 02694	02694	Die Set

\*UL and cUL classified with Anderson, Blackburn, Burndy, ILSCO, Panduit, Thomas & Betts and Penn-Union copper connectors. The products listed above are registered trademarks of Anderson®, Blackburn®, FCI Burndy®, ILSCO®, Panduit®, Penn-Union® and Thomas & Betts®.

## K-Series Crimping Tool 8-4/0 AWG



- Crimps all the popular small to mid-range copper connector sizes.
- Long length results in low handle efforts.
- Color-coded, hexagonal rotating dies.
- Full cycle mechanism releases only after full crimp cycle is completed.

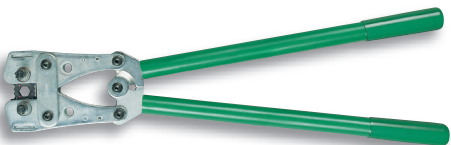
### SPECIFICATIONS

Capacity*	8 AWG – 4/0 AWG Copper
Length	25.5" (650 mm)
Weight	6.4 lbs. (2.9 kg)

CAT. NO.	UPC NO.	DESCRIPTION
K09-2GL	02628	Crimping Tool
K09-2SPGL	02629	Crimping Tool, full cycle mechanism
<b>R</b> 02912	02912	Die Set

\*UL and cUL classified with Anderson, Blackburn, Burndy, ILSCO, Panduit, Thomas & Betts and Penn-Union copper connectors. The products listed above are registered trademarks of Anderson®, Blackburn®, FCI Burndy®, ILSCO®, Panduit®, Penn-Union® and Thomas & Betts®.

## K-Series Crimping Tool 3/0-400



- Crimps larger copper connector sizes.
- Color-coded, hexagonal rotating dies.

### SPECIFICATIONS

Capacity*	3/0 AWG – 400 kcmil (MCM) Copper
Length	25.5" (650 mm)
Weight	6.4 lbs. (2.6 kg)

CAT. NO.	UPC NO.	DESCRIPTION
K09-3GL	02630	Crimping Tool
<b>R</b> 02913	02913	Die Set

\*UL classified and CSA certified with Anderson, Blackburn, Burndy, ILSCO, Panduit, Thomas & Betts and Penn-Union copper connectors. The products listed above are registered trademarks of Anderson®, Blackburn®, FCI Burndy®, ILSCO®, Panduit®, Penn-Union® and Thomas & Betts®.

## Manual Crimping Tool



K425BG

- 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, die groove serves as a die seat for all Greenlee KD6 and industry “W” type dies. Page 30.
- Bent fiberglass handles provide a solid grip, good leverage and better durability than wood.
- Teflon-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.

CAT. NO.	UPC NO.	DESCRIPTION
K4250	02064	Crimping Tool with D, and O die grooves
K425BG	02065	Crimping Tool with D, and BG die grooves
K425K58	08160	Crimping Tool with Kearney® O and 5/8 die grooves
K425K0	08161	Crimping Tool with Kearney® D and O die grooves

### SPECIFICATIONS

<b>Capacity*</b>	See capacity chart on page 245
<b>Crimping Force</b>	9,000 lb. (40 kN)
<b>Length</b>	25-3/8" (645 mm)
<b>Weight</b>	7.1 lbs. (3.2 kg)

## Indentor Crimping Tool



- Simple screw adjustment for connector size.
- Forged body and handle for durability.

### SPECIFICATIONS

<b>Capacity*</b>	Copper color-coded connectors: 8 AWG-250 kcmil (MCM) Aluminum color-coded connectors: 8 AWG-4/0 kcmil (MCM)
<b>Length</b>	22-3/8" (568 mm)
<b>Weight</b>	6.8 lbs. (3.1 kg)

CAT. NO.	UPC NO.	DESCRIPTION
1981	06894	Indentor Crimping Tool

\*UL and cUL classified for use with Anderson, Blackburn, FCI Burndy, ILSCO, Panduit, Penn-Union, and Thomas & Betts copper and aluminum color-coded lugs and splices. The products listed above are registered trademarks of Anderson®, Blackburn®, FCI Burndy®, ILSCO®, Panduit®, Penn-Union® and Thomas & Betts®.



## Gator® Eye

**NEW PRODUCT**



- A USB-powered device that is compatible with all Greenlee Gator tools.
- Offers our customers documentation of the error-free, intelligent system, Greenlee Battery Tools provide.
- Customers can download, print, and store work information, such as maximum PSI, number of cuts/crimps, and battery information.
- Allows electrical contractors and utility companies to set service intervals and download work history reports since manufacture, last service, and for project.
- **Differentiate your workforce with accountability.**
- Add user and inventory information to your Gator tools therefore better managing tool lives.
- Software is free to download and available on our website.



CAT. NO.	UPC NO.	DESCRIPTION
GATOR-EKG	19254	Gator Tool Diagnostic and Programming Device

## DETAILED WORK HISTORY.

Download, print, and store work information such as operating pressure, number of crimps/cuts, and battery information.

## ACCOUNTABILITY.

Prove that the job was done correctly with operation and project specific documentation.

## DIAGNOSTICS.

Set and view maintenance intervals, and add user identifiable information to manage your inventory.



**iPress software screenshot**

# ACCESSORIES

## Crimping Tool Test Meter



- Electronically measures the force output of crimping tools.
- Data can be transferred to computer files to develop tool histories.
- To take measurements, one TC1KIT, one tool adapter and one sensor are required.
- TC1 is battery powered and can be used in remote locations.
- Includes TC1 measuring unit, battery charger and carrying case.

### ADAPTER AND SENSING UNIT CHART

CRIMPING TOOL	ADAPTER	SENSOR
EK410L	MA4	TF70
EK622L (All CCX Tools, EK628L)	MA22	TF70
All 1230 and 1240 Tools	MA120	TF130
HK12ID, EK12IDL	MA12ID	TF130

CAT. NO.	UPC NO.	DESCRIPTION
TC1S KIT	01340	TC1 Unit
MA4	02086	Adapter for EK410L
MA22	06576	Adapter for EK622L, EK622L, CCX, EK628L
MA50	11798	Adapter for EK210L
MA120	06577	Adapter for 1230, 1240, E12CCX, E12CCXL
MA12ID	24054	Adapter for EK12ID, EK12IDL
TF70	06574	Sensor for EK210L, EK410L, EK622L, CCX, EK628L
TF130	06575	Sensor for 1230, 1240, E12CCX, EK12ID, E12CCXL, EK12IDL

## Crimping Tool Load Cell



- Test gauge measures the force output of Greenlee 1230 and 1240 crimping tools.
- Includes test gauge and blank die set.

CAT. NO.	UPC NO.	DESCRIPTION
35887	35887	Crimping Tool Load Cell – 12 Ton

## Crimping Die Carrying Case



- Holds 15 KC22, KA22, KC12, KA12 or "U" style crimping die sets.

CAT. NO.	UPC NO.	DESCRIPTION
01082	01082	Crimping Die Carrying Case (dies not included)

## AC Adapters for Battery-Powered Tools



- Operates all Greenlee 18V Li-ion battery-powered tools except the ES750, ES85, ES25 and ES1000.
- Easily converts Greenlee 18V Li-ion battery-powered tools to corded tools.
- Same physical size and shape as Greenlee 18V Li-ion batteries, providing unlimited run-time without additional weight or bulk.
- Long 16.5 foot cord allows mobility.

### SPECIFICATIONS

	EAC120	EAC230
<b>Input</b>	120 V AC 60 Hz 150W	230 V AC 50 Hz 150W
<b>Output</b>	12 V DC 6.5A	12 V DC 6.5A
<b>Weight:</b>	1.6 lb (0.7 kg)	1.6 lb (0.7 kg)

CAT. NO.	UPC NO.	DESCRIPTION
EAC18120	52191	AC Adapter, 120 V to 18V
EAC18230	52192	AC Adapter, 230 V to 18V

## Battery Charger Adapter



- Attaches to 52178, 52179 and 52180 Li-ion battery chargers
- Allows chargers to charge Greenlee NiCd & NiMH 12 V and 9.6 V batteries

CAT. NO.	UPC NO.	DESCRIPTION
25766	25766	Battery Charger Adapter

# CCX

## What Is CCX?

### The Greenlee CCX three-step, 10-second function changeover

The easy, quick-release design makes changeovers this simple:



- 1 Just push the release buttons, and the blades slide right out of the easy-opening CCX head.



- 2 Alternate die adapters, cutter blades, or knockout punch adapters slide right in!



- 3 You're working again, with no lost time!

### CCX—Exclusive Multipurpose Tools from Greenlee

Get more for your money and carry fewer tools – with CCX. This advanced line of multipurpose tools is designed to work with a wide variety of cutting blades, crimping die adapters, and a knockout punch adapter. Buy just one tool for countless electrical construction and maintenance jobs.

#### Cut

- Copper, aluminum, copperweld, and ACSR cable
- Guy strand, including EHS
- Threaded rod
- DIN rail

#### Crimp – 6-Ton Option

- Greenlee K22 & KA22
- Burndy W
- Kearney O
- For copper lugs and splices, use Greenlee dies up to 600 kcmil (MCM). For aluminum lugs & splices, use Greenlee dies up to 350 kcmil (MCM).\*
- Thomas & Betts 6Ton
- Blackburn OD
- Panduit CD2001

#### Crimp – 12-Ton Option

- Greenlee KC12 & KA12
- Burndy U
- Penn-Union T
- ILSCO ILD
- Thomas & Betts 15500 Series
- Blackburn B & H
- Panduit CD-920
- Huskie HT41

#### Punch – use the knockout punch adapter with

- Standard Slug-Buster and Slug-Splitter punches
- Non-round punches

\*UL and cUL classified to 600 kcmil (MCM) with Anderson, Blackburn®, Burndy, ILSCO, Panduit, Thomas & Betts, and Penn-Union **copper** color-coded connectors. UL & CUL classified to 350 kcmil (MCM) with Anderson, Blackburn®, Burndy, ILSCO, Panduit, Thomas & Betts, and Penn-Union **aluminum** color-coded connectors.

## E12CCXL & ECCXL Tool Capacities



### CRIMPING

Copper Color-Coded Lugs and Splices: 750 kcmil  
 Aluminum Color-Coded Lugs and Splices: 750 kcmil  
 5/8" Service Entrance Connectors: 10-1/0 AWG  
 .840 Service Entrance Connectors: 1/0-4/0 AWG  
 Aluminum Overhead "H" taps: 6 AWG-500 kcmil  
 One Piece ACSR Tension Splices: 4 AWG-556.5 kcmil  
 Two Piece ACSR Tension Splices: 2 AWG-556.5 kcmil

### CUTTING

Copper and Aluminum Cable: 1-1/2" (40 mm)  
 ACSR: 954 kcmil (Cardinal)  
 Standard Guy Strand: 5/8" (20 mm)  
 EHS Guy Strand: 1/2" (13 mm)  
 Ground Rod: 1/2" (13 mm)  
 Rebar (schedule 60): 1/2" (13 mm)  
 Threaded Rod: 1/4", 3/8", 1/2", 4 mm, 5 mm,  
 6 mm, 8 mm, 10 mm  
 DIN Rail: 35 x 7.5, 32 x 15 x 9, 35 x 15

### PUNCHING

Round: 5-5/8" (144.1 mm) in 10 ga. mild steel  
 Rectangular: 2.677" x 5.433" (68.0 mm x 138.0) mm  
 Square: 5.4333" x 5.4333" (138.0 mm x 138.0) mm  
 Accessories required to punch 4-1/2" through 5-5/8"  
 12185 Spacer, 04686 Bushing and 03170 Sleeve



## Gator® CCXL Tools

AVAILABLE AS  
**BARE TOOL**

CLASSIFIED  
C **UL** US

**18V**  
Lithium-Ion

**RSR**

**LED**



**12-TON**  
E12CCXL



**6-TON**  
ECCXL

- Intelli-CRIMP™ Technology includes a pressure sensor that monitors the crimping force of each crimp and provides the operator a visual and audible alert if the force is below specifications.
- State of the art 18V lithium ion (Li-ion) battery provides 70% more cycles per charge and faster cycle times.
- Retraction Stop Repeat (RSR) allows the operator to partially retract the ram and then the tool repeats the retraction for subsequent crimps.
- LED light provides the operator with the battery charge and tool maintenance status.
- Two-stage hydraulic system provides fast advance and power speeds, saving time.
- Forward handle position improves tool balance.
- One trigger controls all tool functions.
- Crimping head rotates 350°
- Tools automatically retract when the crimping or cutting cycle is complete
- Overmolded tacky grip areas make gripping the tool easier and more comfortable.
- Smart chargers maximize battery life
- Use optional CCX blades and adapters (see page 42)
- U.S. Patent #6,206,663, #6,532,790

### 12-Ton tools

When used with Greenlee KC12 and KA12 dies in combination with Anderson®, Blackburn®, FCI Burndy®, ILSCO®, Panduit®, Penn-Union® and Thomas & Betts® color-coded connectors, crimps on connections up to 750 kcmil are UL and cUL classified. The tools also accept all industry "U" type dies. These tools drive knockout punches through 5-5/8" diameter.

### 6-Ton tools

When used with Greenlee KC22 and KA22 dies in combination with Anderson®, Blackburn®, FCI Burndy®, ILSCO®, Panduit®, Penn-Union® and Thomas & Betts® color-coded connectors, connections up to 600 kcmil (copper) and 350 kcmil (aluminum) are UL and cUL classified. These tools also accept Greenlee, Burndy®, Kearney®, Blackburn®, Panduit® and Thomas & Betts® dies used for 6-ton tools. They can drive knockout punches up through 2" diameter.

SPECIFICATIONS	E12CCXL	ECCXL
<b>Crimping Force</b>	24,000 lb. (107 kN) 12-Ton	12,000 lb (53 kN) 6-Ton
<b>Length</b>	16-1/2" (419 mm)	16-1/2" (375 mm)
<b>Weight</b>	15 lbs. (6.8 kg)	14 lbs. (6.3 kg)
<b>Battery</b>	18 V, 3.0 Ah, Li-ion	18 V, 3.0 Ah, Li-ion
<b>Battery Charge Time</b>	30 minutes	30 minutes
<b>Est. Cycles Per Charge</b>	90	300



### Crimping Dies for 6-Ton Tools

Crimping dies on page 30



### Crimping Dies for 12-Ton Tools

Crimping dies on page 31

CAT. NO.	UPC NO.	DESCRIPTION
E12CCXL11	52037	12-Ton Battery-Powered 12CCX tool, w/120V charger
E12CCXL12	52038	12-Ton Battery-Powered 12CCX tool, w/12V charger
E12CCXL22	52039	12-Ton Battery-Powered 12CCX tool, w/230V charger
E12CCXL120	12856	CCX 12-Ton Tool w/120V AC Adapter
E12CCXL230	12857	CCX 12-Ton Tool w/230V AC Adapter
ECCXL11	52040	6-Ton Battery-Powered CCX tool, w/120V charger
ECCXL12	52041	6-Ton Battery-Powered CCX tool, w/12V charger
ECCXL22	10134	6-Ton Battery-Powered CCX tool, w/230V charger
ECCXL120	10139	CCX 6-Ton Tool w/120V AC Adapter
ECCXL230	10140	CCX 6-Ton Tool w/230V AC Adapter
ECCXLB	01134	CCX bare assembly, 6T
E12CCXLB	01135	CCX bare assembly, 12T
A 12274	12274	Carrying Strap
R 52176	52176	18 V, 3.0 Ah, Li-ion Battery
R 10122	10122	Carrying Case for E12CCXL & ECCXL
R 52178	52178	120V Charger
R 52179	52179	230V Charger
R 52180	52180	12V Charger

See page 42 for crimping die adapters, cutting blades and knockout punch adapter

## CCX Tool Accessories (optional, all in pairs except punch driver)



UA22



UAK



UC40



UCUNC38




UA12P



UA12ID

### DIE ADAPTERS

CAT. NO.	UPC NO.	DESCRIPTION	ECCXL	E12CCXL
UA22	07062	Adapter for Greenlee K22 dies	✓	
UAK	07033	Adapter for Kearney "O", T&B "6 Ton", and Blackburn "OD" dies	✓	
UAW	07035	Adapter for Burndy "W" and Panduit "CD-2001" dies (equivalent to "D3" die)	✓	
 UA12T	20158	Adapter for "U" dies (included with E12CCXL tool)		✓

### CABLE CUTTING BLADES

CAT. NO.	UPC NO.	DESCRIPTION	ECCXL	E12CCXL
UC26	06714	Cutter blades AL & CU 1" capacity	✓	✓
UC40	07036	Cutter blades AL & CU 1-1/2" capacity	✓	✓
UCACSR	07037	Cutter blades for ACSR & guy strand	✓	✓

### THREADED ROD CUTTING BLADES

CAT. NO.	UPC NO.	DESCRIPTION	ECCXL	E12CCXL
UCUNC14	07038	Cutter blades for 1/4" threaded rod	✓	✓
UCUNC38	07039	Cutter blades for 3/8" threaded rod	✓	✓
UCUNC12	07274	Cutter blades for 1/2" threaded rod	✓	✓

### KNOCKOUT PUNCH ADAPTER

CAT. NO.	UPC NO.	DESCRIPTION	ECCXL	E12CCXL
UA12P	11890	Punch Driver Adapter* (accepts 3/4" draw stud)	✓	✓

\*U.S. Patent #6,065,326

### DIELESS CRIMP ADAPTER

CAT. NO.	UPC NO.	DESCRIPTION	ECCXL	E12CCXL
UA12ID	00803	Dieless Crimp Adaptor		✓

# 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	Page	
		MM	6	10	16	25	35	40	50	70	95	120	150	150	185	240	300	400	500	800	1000	NO.	
<b>BATTERY-POWERED</b>																							
E12CCXL, ECCXL	Al	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	41	
	Cu	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•
	ACSR	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•
ES32L	Al	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	46	
	Cu	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•
ES1000	Al	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	54	
	Cu	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•
ES750	Al	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	54	
	Cu	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•
ESG50L	Al	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	48	
	Cu	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•
ESC85L, ESC105, ESG105	Al	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	51/ 50/49	
	Cu	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•
<b>RATCHET</b>																							
759	Al	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	59	
	Cu	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•
760,761	Al	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	59/ 58	
	Cu	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•
45206, 45206I	Al	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	59	
	Cu	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•
45207, 45207I	Al	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	59	
	Cu	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•
773	Al	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	58	
	Cu	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•
774	Al	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	58	
	Cu	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•
756	Al	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	58	
	Cu	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•
<b>MANUAL</b>																							
727,727M	Al	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	61	
	Cu	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•
718,718F	Al	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	60	
	Cu	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•
718HL	Al	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	61	
	Cu	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•
704	Al	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	60	
	Cu	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•
705	Al	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	60	
	Cu	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•
706	Al	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	60	
	Cu	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•

Note: • = Frequent use capacity    0 = maximum capacity

## Gator® ETS8L Cable Tray Cutter

AVAILABLE AS  
**BARE TOOL**

**18V**  
Lithium-Ion



- Cuts basket style cable tray wires in 2 seconds.
- Makes flush cuts.
- State of the art 18V lithium ion (Li-ion) battery provides 70% more cycles per charge and faster cycle times.
- LED light provides the operator with the battery charge and tool maintenance status.
- In line tool style is light weight and very easy to control
- One trigger controls all tool functions.
- Cutting head rotates 350°
- Tools automatically retract when the cutting cycle is complete
- Overmolded tacky grip areas make gripping the tool easier and more comfortable.
- Smart chargers maximize battery life

### SPECIFICATIONS

<b>Weight</b>	3.3 LBS. (1.5 KG)
<b>Length</b>	12-1/8" (308mm)
<b>Battery</b>	18V 1.5 Ah Li-ion
<b>Battery Charge Time</b>	30 Minutes
<b>Est. Cycles per Charge</b>	400

### CUTTING CAPACITIES

MATERIAL	DIAMETER				
	1/16"	1/8"	3/16"	1/4"	5/16"
Cable Tray (Mild steel, Zinc Plated)	✓	✓	✓	✓	✓
Cable Tray (Stainless Steel)	✓	✓	✓	✓	
Threaded Rods	✓	✓	✓	✓	✓
Threaded Rods, Stainless Steel	✓	✓	✓	✓	✓
Steel Bolts (Grade 2)	✓	✓	✓	✓	✓
Steel Bolts (Grade 8)	✓	✓	✓		

CAT. NO.	UPC NO.	DESCRIPTION
ETS8L11	52139	Battery Cable Tray Cutter w/120V charger
ETS8L12	52140	Battery Cable Tray Cutter w/12V charger
ETS8L22	52141	Battery Cable Tray Cutter w/230V charger
ETS8L120	52142	Cable Tray Cutter w/120V AC Adapter
ETS8L230	52143	Cable Tray Cutter w/230V AC Adapter
<b>B</b> ETS8LB	01140	ETS8 Bare Cable Tray Cutter
<b>R</b> 52177	52177	18V 1.5 Ah Li-ion Battery
<b>R</b> 25752	25752	Carrying Case
<b>R</b> 19987	19987	Blade Set
<b>R</b> 52178	52178	120V Charger
<b>R</b> 52179	52179	230V Charger
<b>R</b> 52180	52180	12V Charger



## ETS12L Battery-Powered Bolt Cutter

AVAILABLE AS  
**BARE TOOL**

**18V**  
Lithium-Ion



- Designed to cut one-time disposable locks, shipping container seals and small diameter bolts.
- State of the art 18V lithium ion (Li-ion) battery provides 70% more cycles per charge and faster cycle times.
- LED light provides the operator with the battery charge and tool maintenance status.
- In line tool style is light weight and very easy to control
- One trigger controls all tool functions.
- Cutting head rotates 350°
- Tools automatically retract when the cutting cycle is complete
- Overmolded tacky grip areas make gripping the tool easier and more comfortable.
- Smart chargers maximize battery life.

### SPECIFICATIONS

<b>Length</b>	13-5/8" (365 mm)
<b>Weight</b>	4.4 lbs. (2.0 kg)
<b>Battery</b>	18V 1.5 Ah Li-ion
<b>Battery Charge Time</b>	30 Minutes
<b>Est. Cycles per Charge</b>	200

### CUTTING CAPACITY

<b>Common Bolt</b>	1/2" diameter
<b>Grade 5 Bolt</b>	7/16" diameter
<b>Grade 8 Bolt</b>	5/16" diameter
<b>Threaded Rod</b>	1/2" diameter
<b>One-Time Disposable Lock</b>	4 AWG Alumoweld
<b>Boa Lock</b>	BL-9
<b>Grade 40 Rebar</b>	3/8" diameter
<b>Steel Rod</b>	3/8" diameter (1/2" diameter using two cycles)
<b>Ground Rod</b>	3/8" diameter (1/2" diameter using two cycles)
<b>Copper and Aluminum Cable</b>	2/0 AWG
<b>ACSR</b>	3/0 AWG Pigeon (4/0 AWG Pigeon using two cycles)
<b>Guy Strand</b>	5/16" diameter (3/8" diameter using two cycles)
<b>EHS Guy Strand</b>	5/16" diameter
<b>Aircraft Cable</b>	1/4" diameter

CAT. NO.	UPC NO.	DESCRIPTION
ETS12L11	52134	Battery Bolt & Lock Cutter-120 Volt Charger
ETS12L12	52135	Battery Bolt & Lock Cutter-12 Volt Charger
ETS12L22	52136	Battery Bolt & Lock Cutter-220 Volt charger
ETS12L120	52137	Bolt & Lock Cutter w/120V AC Adapter
ETS12L230	52138	Bolt & Lock Cutter w/230V AC Adapter
<b>B</b> ETS12LB	01139	ETS12 Bare Bolt & Lock Cutter
<b>R</b> 25752	25752	Carrying Case
<b>R</b> 52177	52177	18V 1.5 Ah Li-ion Battery
<b>R</b> 56288	56288	Cutter Blade Kit
<b>R</b> 52178	52178	120V Charger
<b>R</b> 52179	52179	230V Charger
<b>R</b> 52180	52180	12V Charger

## Gator® ES32LU Battery-Powered Cable Cutter

**NEW**  
PRODUCT

AVAILABLE AS  
**BARE**  
TOOL

**18v**  
Lithium-Ion



### SPECIFICATIONS

Capacity	500 kcmil (240 mm <sup>2</sup> ) Cu or Al cable
Battery Voltage	18V 3.0 Ah Li-ion
Length	15-1/2" (394 mm)
Weight	5 lbs. (2.2 kg)
Battery Charge Time	30 minutes
Est. Cycles Per Charge	200+ (500kcmil cable requires 2 cycles per cut)

- State of the art 18V lithium ion (Li-ion) battery provides 70% more cycles per charge and faster cycle times.
- LED light provides the operator with the battery charge and tool maintenance status.
- Small size makes the ES32LU 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.
- Cutting head rotates 350°.
- Tools automatically retract when the cutting cycle is complete.
- Overmolded tacky grip areas make gripping the tool easier and more comfortable.
- Smart chargers maximize battery life.

CAT. NO.	UPC NO.	DESCRIPTION
ES32L11	00039	ES32LU Battery-Powered Cable Cutter w/120V Charger
ES32L12	00040	ES32LU Battery-Powered Cable Cutter w/12V Charger
ES32L22	52116	ES32L Battery-Powered Cable Cutter w/230 volt Charger
ES32L120	52117	ES32L Cable Cutter w/120V AC Adapter
ES32L230	52118	ES32L Cable Cutter w/ 230V AC Adapter
<b>B</b> ES32LB	01136	ES32 Bare Cutting Tool, 1.5T
<b>R</b> 12092	12092	Movable Blade
<b>R</b> 12093	12093	Fixed Blade
<b>R</b> 52176	52176	18V 3.0 Ah Li-ion Battery
<b>R</b> 52177	52177	18V 1.5 Ah Li-ion Battery
<b>R</b> 25752	25752	Carrying Case
<b>R</b> 52178	52178	120V Charger
<b>R</b> 52179	52179	230V Charger
<b>R</b> 52180	52180	12V Charger

## Gator® ES32FL Battery-Powered Fine Stranded Copper Cable Cutter

AVAILABLE AS  
**BARE**  
TOOL

**18v**  
Lithium-Ion



### SPECIFICATIONS

Capacity	1-1/4" (32 mm) fine stranded Copper cable (Not for cutting standard stranded cables)
Battery Voltage	18V 1.5 Ah Li-ion
Length	14-5/8" (372 mm)
Weight	4.4 lbs. (2.0 kg)
Battery Charge Time	30 minutes
Est. Cycles Per Charge	200 (500kcmil cable requires 2 cycles per cut)

- Designed specifically for cutting fine stranded copper cable.
- State of the art 18V lithium ion (Li-ion) battery provides 70% more cycles per charge and faster cycle times.
- LED light provides the operator with the battery charge and tool maintenance status.
- In line tool style is light weight and very easy to control.
- One trigger controls all tool functions.
- Cutting head rotates 350°.
- Tools automatically retract when the cutting cycle is complete.
- Overmolded tacky grip areas make gripping the tool easier and more comfortable.
- Smart chargers maximize battery life.

CAT. NO.	UPC NO.	DESCRIPTION
ES32FL11	19219	ES32FL Battery-Powered Cable Cutter w/120 V Charger
ES32FL12	19220	ES32FL Battery-Powered Cable Cutter w/12 V Charger
ES32FL22	19221	ES32FL Battery-Powered Cable Cutter w/230 V Charger
ES32FL120	19222	ES32FL Battery-Powered Cable Cutter w/120 V Charger
ES32FL230	19223	ES32FL Battery-Powered Cable Cutter w/230 V Charger
<b>B</b> ES32FLB	01137	ES32F Bare Cutting Tool, 1.5T
<b>R</b> 19234	19234	Blade Kit
<b>R</b> 52177	52177	18V 1.5 Ah Li-ion Battery
<b>R</b> 25752	25752	Carrying Case
<b>R</b> 52178	52178	120V Charger
<b>R</b> 52179	52179	230V Charger
<b>R</b> 52180	52180	12V Charger

# 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)	PAGE #
<b>BATTERY-POWERED</b>						
ES20L	336.4 kcmil (Merlin)		3/8" (9 mm)	3/8" (9 mm)	3/8" (9 mm)	47
ESG25L	636 kcmil (Grosbeak)		5/8" 16 mm)	3/8" (9 mm)	3/8" (9 mm)	48
ESG55L	2515 kcmil (Joree 76/19)	5/8" (16 mm)	9/16" (14 mm)	3/4" (19 mm)	5/8" (16 mm)	53
ESG45L	1590.0 kcmil	5/8" (16 mm) dia.	1/2"	5/8" (16 mm) dia.	1/2" (13 mm) dia.	52
ES25	636 kcmil (except Egret)					55
<b>HYDRAULIC-TYPE</b>						
HK520	336.4 kcmil	1/2" (13 mm) dia.		1/2" (13 mm) dia.	7/16" (11 mm)	61
<b>RATCHET-TYPE</b>						
776	636.0 kcmil*					62
757	954.0 kcmil			1/2" (13 mm) dia.		62
758		1/2" (13 mm) dia.	1/2" (13 mm) dia.	1/2" (13 mm) dia.		62
<b>MANUAL</b>						
749	2/0 AWG					63
<b>CUTTER DIES</b>						
00949	477.0 kcmil	5/8" (16 mm) dia.	5/8" (16 mm) dia.	5/8" (16 mm) dia.	5/8" (16 mm) dia.	63
KD6-27	4/0 AWG					63

\* For core diameters less than 0.32"

### ES20L Battery ACSR Cutter

**NEW PRODUCT**

**AVAILABLE AS BARE TOOL**

**18V**  
Lithium-Ion



- Has unique scissor style blades.
- Only battery ACSR cutter that will cut the short tag cable ends on H-tap style connectors.
- Will cut up to 336 kcmil ACSR.

#### SPECIFICATIONS

Length	15" (381 mm)
Width	2-7/8" (73 mm)
Height	4-1/2" (114 mm)
Weight	4.6 lbs (2 kg)
Battery	18V 3.0 Ah Li-Ion
Est. Cycles Per Charge	100
Capacity	Max Diameter 3/4"
ACSR	336.4 kcmil (Merlin)
Guy Strand (not EHS)	3/8" (9 mm)
Ground Rod	3/8" (9 mm)
Rebar (Schedule 60)	3/8" (9 mm)

CAT. NO.	UPC NO.	DESCRIPTION
ES20L11	13935	Cutter, ACSR BAT, 120V Charger
ES20L12	13936	Cutter, ACSR BAT, 12V Charger
ES20L22	13937	Cutter, ACSR BAT, 230V Charger
ES20LB	01152	ES20 Bare Cutter
ES20E	05526	Blade Kit

**B**

## ESG25L Battery ACSR Cutter

NEW PRODUCT

AVAILABLE AS BARE TOOL

18V Lithium-Ion



- Cuts up to 636 kcmil cable making it an excellent tool for distribution crews.
- Lightweight and very easy to handle.
- LED light provides the operator with the battery charge and tool maintenance status.
- One trigger controls all tool functions.
- Cutting head rotates 350°.
- Tools automatically retract when the cutting cycle is complete.
- Overmolded tacky grip areas make gripping the tool easier and more comfortable.

### SPECIFICATIONS

Length	15" (381 mm)
Width	2-7/8" (73 mm)
Height	4-1/2" (114 mm)
Weight	4.6 lbs (2 kg)
Battery	18V 3.0 Ah Li-Ion
Est. Cycles Per Charge	100
Capacity	Max Diameter 1" (25 mm)
ACSR	636 kcmil (Grosbeak)
Guy Strand (not EHS)	5/8" 16 mm
Ground Rod	3/8" (9 mm)
Rebar (Schedule 60)	3/8" (9 mm)
Wire Rope	1/2" (13 mm)

CAT. NO.	UPC NO.	DESCRIPTION
ESG25L11	12383	Cutter, ACSR BAT, 120V Charger
ESG25L12	12387	Cutter, ACSR BAT, 12V Charger
ESG25L22	12384	Cutter, ACSR BAT, 230V Charger
B ESG25LB	01147	ESG25 Bare Cutter
76807	76807	Blade Kit

## Gator® Battery-Powered Cable Cutter

AVAILABLE AS BARE TOOL

18V Lithium-Ion



- Used for cutting copper and aluminum power cables.
- State of the art 18V lithium ion (Li-ion) battery provides 70% more cycles per charge and faster cycle times.
- 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.
- LED light provides the operator with the battery charge and tool maintenance status.
- Two-stage hydraulic system provides fast advance and power speeds, saving time.
- Forward handle position improves tool balance.
- One trigger controls all tool functions.
- Cutting head rotates 350°
- Tools automatically retract when the cutting cycle is complete.
- Overmolded tacky grip areas make gripping the tool easier and more comfortable.
- Smart chargers maximize battery life
- U.S. Patents #6,206,663 and #6,065,326

CAT. NO.	UPC NO.	DESCRIPTION
ESG50L11	52129	Battery-Powered Cable Cutter, 120 V charger
ESG50L12	52130	Battery-Powered Cable Cutter, 12 V charger
ESG50L22	52131	Battery-Powered Cable Cutter, 230 V charger
ESG50L20	52132	Cable Cutter w/120V AC Adapter
ESG50L230	52133	Cable Cutter w/230V AC Adapter
B ESG50LB	01138	ESG 50 Bare Cable Cutter
R 04181	04181	Movable Blade
R 04184	04184	Fixed Blade
R 52176	52176	18 V, 3.0 Ah, Li-ion Battery
R 10118	10118	Carrying Case for ESG50L
A 12274	12274	Carrying Strap
R 52178	52178	120V Charger
R 52179	52179	230V Charger
R 52180	52180	12V Charger

### SPECIFICATIONS BATTERY POWERED

Cutting Capacity	2" (50 mm) diameter Al or Cu cable
Length	15-3/4" (400 mm)
Weight	9.8 lbs. (4.4 kg)
Height	13" (330 mm)
Battery	18V, 3.0 Ah, Li-ion
Battery Charge Time	30 minutes
Est. Cycles Per Charge	300



## Gator® ESG105LU Battery-Powered Cable Cutter

**NEW**  
PRODUCT



**18v**  
Lithium-Ion



- Self-contained, 350° rotating guillotine cutting head provides increased output force, cable capacities & safety.
- Precision blades provide clean cuts every time.
- Dual position handles for easy operation and transport.
- Lightweight, compact design for professional lineman.
- Single trigger operation.
- Automatic retraction after completed cycle.

### SPECIFICATIONS

<b>Capacity*</b>	4-1/8" Diameter (105mm) Communications Cu & Al Power Cables
<b>Length</b>	23.75" (604 mm)
<b>Weight</b>	22 lbs. (9.9 kg)
<b>Battery</b>	18V Li-Ion, 3.0 Ah
<b>Est. Cycles Per Charge</b>	40
<b>Battery Charge Time</b>	28 minutes

\*Not for cutting ACSR, guy strand, or other cables and steel strands.

CAT. NO.	UPC NO.	DESCRIPTION
ESG105LU11	01582	Battery Cutter, Cable Bat 120V Charger
ESG105LU12	01583	Battery Cutter, Cable Bat 12V Charger
ESG105LU120	01585	Battery Cutter, Cable 120V Ac Adapter
ESG105LU22	01584	Battery Cutter, Cable Bat 230V Charger
ESG105LU230	01586	Battery Cutter, Cable 230V Ac Adapter
<b>B</b> ESG105LUB	01581	Cutter, Bare Tool
<b>R</b> 25766	25766	Adapter, Charger 18V Li To 12V Ni
<b>R</b> 52176	52176	Battery, 18V Li Ion 3.0Ah
<b>R</b> 12274	12274	Carrying Strap
<b>R</b> 52178	52178	Charger, Battery 120V
<b>R</b> 52179	52179	Charger, Battery 230V
<b>R</b> 52180	52180	Charger, Battery 12V
<b>R</b> EAC18120	52191	Adapter, Ac - 120V To 18V
<b>R</b> EAC18230	52192	Adapter, Ac - 230V To 18V

## Gator® ESC105 Battery-Powered Cable Cutter

**NEW PRODUCT**  
**AVAILABLE AS BARE TOOL**



**18V**  
Lithium-Ion



- For cutting large diameter underground power and communications cables, including armored cables.
- State of the art 18V lithium ion (Li-ion) battery provides 70% more cycles per charge and faster cycle times.
- 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.
- LED light provides the operator with the battery charge and tool maintenance status.
- Two-stage hydraulic system provides fast advance and power speeds, saving time.
- Scissor-style blades are easy to fit around cables.
- Side handle enhances operator control
- Forward handle position improves tool balance.
- One trigger controls all tool functions.
- Cutting head rotates 350°
- Tools automatically retract when the cutting cycle is complete
- Overmolded tacky grip areas make gripping the tool easier and more comfortable.
- Smart chargers maximize battery life
- 120V, 12V or 230V battery charger.

### SPECIFICATIONS

<b>Capacity*</b>	4" dia. (105 mm) Communications, Cu & Al power cables
<b>Length</b>	13-3/4" (604 mm)
<b>Height</b>	22 lbs. (9.9 kg)
<b>Battery</b>	18V, 3.0 Ah, Li-ion
<b>Cycles per Battery Charge</b>	40
<b>Battery Charge Time</b>	30 minutes

\* Not for cutting ACSR, guy strand, or other cables with steel strands

CAT. NO.	UPC NO.	DESCRIPTION
ESC105L11	52145	Cutter, Cable 120V AC Adapter
ESC105L12	52146	Cutter, Cable 12V AC Adapter
ESC105L22	52147	Cutter, Cable 230V AC Adapter
B ESC105LB	01142	ESC105 Bare Cable Cutter
R 10118	10118	Carrying Case
R 12274	12274	Carrying Strap
R 52178	52178	120V Charger
R 52179	52179	230V Charger
R 52180	52180	12V Charger
R 52176	52176	18V 3.0 Ah Li-ion Battery

## Gator® ESC85L Battery-Powered Cable Cutter

AVAILABLE AS  
**BARE TOOL**



**18V**  
Lithium-Ion



- For cutting large diameter underground power and communications cables.
- State of the art 18V lithium ion (Li-ion) battery provides 70% more cycles per charge and faster cycle times.
- 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.
- LED light provides the operator with the battery charge and tool maintenance status.
- Two-stage hydraulic system provides fast advance and power speeds, saving time.
- Scissor-style blades are easy to fit around cables.
- Side handle enhances operator control
- Forward handle position improves tool balance.
- One trigger controls all tool functions.
- Cutting head rotates 350°
- Tools automatically retract when the cutting cycle is complete
- Overmolded tacky grip areas make gripping the tool easier and more comfortable.
- Smart chargers maximize battery life

### SPECIFICATIONS

<b>Capacity</b>	3-3/8" dia. (85 mm)* Communications, Cu & Al power cables
<b>Length</b>	21" (533 mm)
<b>Height</b>	14.9 lbs. (6.7 kg)
<b>Battery</b>	18V 3.0 Ah Li-ion
<b>Battery Charge Time</b>	30 minutes
<b>Est. Cycles per Charge</b>	90

CAT. NO.	UPC NO.	DESCRIPTION
ESC85L11	52119	Cable Cutter w/120V Charger
ESC85L12	52120	Cable Cutter w/12V Charger
ESC85L22	52121	Cable Cutter w/230V Charger
ESC85L120	52122	Cable Cutter w/120V AC Adapter
ESC85L230	52123	Cable Cutter w/230V AC Adapter
<b>B</b> ESC85LB	01143	ESC85 Bare Cable Cutter
<b>R</b> 52176	52176	18V 3.0 Ah Li-ion Battery
<b>R</b> ES85E	05090	Cutting Blade (2/tool)
<b>R</b> 10118	10118	Carrying Case
<b>R</b> 12274	12274	Carrying Strap
<b>R</b> 52178	52178	120V Charger
<b>R</b> 52179	52179	230V Charger
52180	52180	12V Charger

## ESG45L Battery ACSR and Guy Wire Cutter

AVAILABLE AS  
**BARE TOOL**



**18V**  
Lithium-Ion



**ACSR**

- Designed specifically to cut ACSR, guy strand and ground rods.
- State of the art 18V lithium ion (Li-ion) battery provides 70% more cycles per charge and faster cycle times.
- 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.
- LED light provides the operator with the battery charge and tool maintenance status.
- Two-stage hydraulic system provides fast advance and power speeds, saving time.
- Forward handle position improves tool balance.
- One trigger controls all tool functions.
- Cutting head rotates 350°
- Tools automatically retract when the cutting cycle is complete
- Overmolded tacky grip areas make gripping the tool easier and more comfortable.
- Smart chargers maximize battery life
- U.S. Patents #6,206,663 and #6,065,326

### SPECIFICATIONS

#### Capacity

<b>ACSR:</b>	1590 kcmil (MCM), (Falcon 54/19)
<b>Standard Guy Strand:</b>	5/8" diameter (16 mm diameter)
<b>EHS Guy Strand:</b>	1/2" diameter (13 mm diameter)
<b>Ground Rod:</b>	5/8" diameter (16 mm diameter)
<b>Rebar (schedule 60):</b>	1/2" diameter (13 mm diameter)
<b>Wire Rope:</b>	5/8" diameter (16 mm diameter)
<b>Copper and Aluminum Cable:</b>	1500 kcmil (MCM) (800 mm <sup>2</sup> )
<b>Soft Steel Bolts:</b>	5/8" diameter (16 mm diameter)

<b>Length</b>	16-5/8" (423 mm)
<b>Height</b>	13" (330 mm)
<b>Weight</b>	13 lbs. (5.9 kg)
<b>Battery</b>	18V 3.0 Ah Li-ion
<b>Battery Charge Time</b>	30 minutes
<b>Est. Cycles per Charge</b>	90

CAT. NO.	UPC NO.	DESCRIPTION
ESG45L11	52124	Battery-Powered ACSR Cable Cutter, 120 V charger
ESG45L12	52125	Battery-Powered ACSR Cable Cutter, 12 V charger
ESG45L22	52126	Battery-Powered ACSR Cable Cutter, 230 V charger
ESG45L120	52127	Cable Cutter w/120V AC Adapter
ESG45L230	52128	Cable Cutter w/230V AC Adapter
<b>B</b> ESG45LB	01141	ESG45 Bare Cable Cutter
<b>R</b> ESG45ESI	10398	Movable Blade
<b>R</b> ESG45EF	10397	Fixed Blade
<b>R</b> 52176	52176	18V 3.0 Ah Li-ion Battery
<b>R</b> 10118	10118	Carrying Case for ESG45L
<b>A</b> 12274	12274	Carrying Strap
<b>R</b> 52178	52178	120V Charger
<b>R</b> 52179	52179	230V Charger
<b>R</b> 52180	52180	12V Charger

## ESG55L Battery ACSR and Guy Wire Cutter

AVAILABLE AS  
**BARE TOOL**



**18v**  
Lithium-Ion



- Designed to cut the largest ACSR cables, ground rods, and guy strands.
- Makes an excellent tool for transmission construction and maintenance crews.
- State of the art 18V lithium ion (Li-ion) battery provides 70% more cycles per charge and faster cycle times.
- 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.
- LED light provides the operator with the battery charge and tool maintenance status.
- Two-stage hydraulic system provides fast advance and power speeds, saving time.
- Forward handle position improves tool balance.
- One trigger controls all tool functions.
- Cutting head rotates 350°.
- Tools automatically retract when the cutting cycle is complete.
- Overmolded tacky grip areas make gripping the tool easier and more comfortable.
- Smart chargers maximize battery life.
- U.S. Patents #6,206,663 and #6,065,326.

### SPECIFICATIONS

Capacity	2-1/8"
ACSR	2515 kcmil (Joree 76/19)
Guy Strand	5/8" (16 mm)
EHS Guy Strand	9/16" (14 mm)
Ground Rod	3/4" (19 mm)
Rebar (Schedule 60)	5/8" (16 mm)
Soft steel bolts	3/4" (19 mm)
Length	18-1/8" (460 mm)
Width	3-1/8" (80 mm)
Height	13-1/4" (337 mm)
Weight	17.5 lb. (8 kg)
Battery	18V 3.0Ah Li-ion
Est. Cycles Per Charge	80

CAT. NO.	UPC NO.	DESCRIPTION
ESG55L11	13006	Cutter, ACSR BAT, 120V Charger
ESG55L12	13007	Cutter, ACSR BAT, 12V Charger
ESG55L22	13008	Cutter, ACSR BAT, 230V Charger
<b>B</b> ESG55LB	01153	ESG55 Bare Cutter
52176	52176	18V 3.0 Ah Li-ion Battery
12274	12274	Carrying Strap
52178	52178	120V Charger
52179	52179	230V Charger
52180	52180	12V Charger
10118	10118	Carrying Case for ESG45L








## Gator® ES1000 Battery-Powered Cable Cutter



- Compact design permits use in tight locations.
- One hand operation.
- Extra-heavy blades for clean cuts and long life.
- Performs approximately 35 cuts in 1000 kcmil copper cable per battery charge.
- Easy to switch between forward and reverse direction.
- 14.4 volt battery recharges in one hour.
- Includes two batteries, battery charger, and molded carrying case.

### SPECIFICATIONS

<b>Capacity</b>	Copper	1000 kcmil
	Aluminum	1000 kcmil
<b>Blade Opening</b>	2-1/8" (54mm)	
<b>Length</b>	14-3/4" (375mm)	
<b>Weight</b>	7.3 lb. (3.3 kg)	
<b>Battery</b>	14.4 Volt, NiCd	

CAT. NO.	UPC NO.	DESCRIPTION
ES100011	50013	Battery-powered Cable Cutter, 120 V Charger
ES100022	50015	Battery-powered Cable Cutter, 230 V Charger
 11851	11851	14.4 V NiCd Battery
 50017	50017	Blade Set
 11845	11845	Carrying Case
 11841	11841	120V Charger
 11856	11856	230V Charger







## Gator® ES750 Battery-Powered Cable Cutter



- Cuts 500 kcmil (MCM) copper cable in under 8 seconds.
- Compact design permits use in tight locations.
- Extra-heavy blades for clean cuts and long life.
- Makes approximately 20 cuts in 750 kcmil (MCM) per battery charge.
- Easy to switch between forward and reverse direction.
- 12 volt battery recharges in one hour.
- Includes battery charger, one battery and molded carrying case.
- Not for use on 500 kcmil or larger compact cable.

### SPECIFICATIONS

<b>Cutting Capacity</b>	750 kcmil (MCM) (400 mm <sup>2</sup> ) copper cable
	1000 kcmil (MCM) (500 mm <sup>2</sup> ) aluminum cable
<b>Length</b>	14-1/4" (362 mm)
<b>Weight</b>	5.8 lbs. (2.6 kg)
<b>Battery</b>	12 Volts NiCd

CAT. NO.	UPC NO.	DESCRIPTION
ES750-11	45380	Battery-Powered Cable Cutter, 120 V Charger
ES750-22	45381	Battery-Powered Cable Cutter, 230 V Charger
 45378	45378	Extra 12 Volt NiCd Battery
 45334	45334	Movable Blade
 45333	45333	Fixed Blade
 45383	45383	Carrying Case
 45379	45379	120V Charger
 45382	45382	230V Charger

## ES25 Battery-Powered ACSR Cutter



- Cuts ACSR type cables.
- One-hand operation permits operator to control the cable with a free hand.
- Capable of making approximately 50 cuts of Grosbeak or 120 cuts of Merlin per battery charge.
- Blades are specially contoured and hardened to cut both aluminum and steel strands.
- Operator can switch between reverse and forward direction with one finger.
- Includes two batteries, battery charger, and molded carrying case.

### SPECIFICATIONS

<b>Capacity</b>	ACSR	636 kcmil (except Egret)
	Aluminum	1500 kcmil
<b>Length</b>	14-3/4" (375mm)	
<b>Weight</b>	7.7 lb. (3.5 kg)	
<b>Battery</b>	14.4 Volt, NiCd	
<b>Battery Charge Time</b>	1 Hour	

CAT. NO.	UPC NO.	DESCRIPTION
ES2511	35369	Battery ACSR Cutter, 120 V Charger
ES2522	22132	Battery ACSR Cutter, 230 V Charger
<b>R</b> 76807	76807	Blade Kit
<b>R</b> 11851	11851	14.4 V NiCd Battery
<b>R</b> 11845	11845	Carrying Case
<b>R</b> 11841	11841	120V Charger
<b>R</b> 11856	11856	230V Charger

## Remote Hydraulic Cutting

**NEW  
PRODUCT**



- Guillotine cutting heads provide additional safety and cutting control.
- Precision blades provide clean cuts every time.
- Dual position handles for easy operation and transport.
- Light-weight, compact design for professional linemen.

CAT. NO.	UPC NO.	DESCRIPTION
SDG45	01555	Remote ACSR Cable Guillotine Cutter, 45mm
SDG55	01556	Remote ACSR Cable Guillotine Cutter, 55mm
SDG85	01522	Remote Cable Guillotine Cutter, 85mm
SDG105	01526	Remote Cable Guillotine Cutter, 105mm
SDK105	01870	Remote Cable Scissor Cutter, 105mm
01059	01059	Hose Assy, 1/4" X 6' 3/8M&3/8"F Filled
01058	01058	Hose Assy, 1/4" X 6' 3/8M&1/4"M Filled
05850	05850	Hose Assy, 1/4" X 10' 3/8M&3/8"F Filled
17707	17707	Hose Assy, 1/4" X 10' 3/8M&1/4"M Filled

SPECIFICATIONS	SDG45	SDG55	SDG85	SDG105	SDK105
<b>Length</b>	16-5/8" (423mm)	18-18" (460mm)	21" (533mm)	23-3/4" (604mm)	20" (510mm)
<b>Weight</b>	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)
<b>Connector</b>	3/8" NPT Male (Screw-Type)	3/8" NPT Male (Screw-Type)	3/8" NPT Male (Screw-Type)	3/8" NPT Male (Screw-Type)	3/8" NPT Male (Screw-Type)
<b>Communications, Cu &amp; Al Power Cables</b>	1-3/4" (50mm)	2-1/8" (55mm)	3-3/8" (85mm)	4" (105mm)	4" (105mm)
<b>ACSR</b>	1590 kcmil (MCM)	2515 kcmil			
<b>Standard Guy Strand</b>	5/8" (16mm)	5/8" (16mm)			
<b>EHS Guy Strand</b>	1/2" (13mm)	9/16" (14mm)			
<b>Ground Rod</b>	5/8" (16mm)	3/4" (19mm)			
<b>Rebar</b>	1/2" (13mm)	5/8" (16mm)			
<b>Wire Rope</b>	5/8" (16mm)	5/8" (16mm)			
<b>Copper and Aluminum Cable</b>	1500 kcmil (MCM)	1500 kcmil (MCM)			

# BATTERY-POWERED HYDRAULIC PUMP

## EHP700LU Hydraulic Battery-Powered Pump

Cutting & Crimping

**NEW**  
PRODUCT

AVAILABLE AS  
**BARE TOOL**



- Loaded with intelligent features such as a multi-function pressure sensor, self-diagnostics, and a real-time LED readout.
- Versatile battery pump can crimp, cut and punch with up to 10,000 psi of pressure.
- Mode dial enables the user to select between three primary intelligent program settings: CRIMP, CUT and PUNCH.
- Each setting provides specific pressure functionality for the job at hand.
- Future Proof settings allow for a variety of additional functions to be programmed into the pump via a bi-directional optical connection.
- Intelli-CRIMP™ technology monitors the crimping process, ensuring the correct amount of pressure is applied for each crimp.
- Real-Time Monitoring is displayed via LED screen and recorded for statistics.
- Automatic Retraction detects pressure drop from completed action and releases pressure, preventing damage to head.
- Manual Retraction allows user to retract head to starting position at any time.

**18V**  
Lithium-Ion

**Intelli-CRIMP**  
INTELLIGENT CRIMPING SYSTEM

**RSR**



### SPECIFICATIONS

<b>Operating pressure:</b>	10,000 psi (700 bar)
<b>Oil volume:</b>	0.80 qt (0.76l)
<b>Flow rate of double stage pump:</b>	
Low pressure range:	up to 0.9 l/min
At full pressure:	0.3 l/min
<b>Degree of protection:</b>	IP43
<b>Battery voltage:</b>	18 V
<b>Battery capacity:</b>	3.0 Ah, Li-Ion

### SPECIFICATIONS

<b>Number of batteries:</b>	2 - 1 active, 1 stored
<b>Charging time:</b>	30 minutes
<b>Ambient temperature:</b>	10°F - 104°F (-12°C to 40°C)
<b>Weight without batteries:</b>	10.8 lbs. (4.9 kg)
<b>Weight with 2 batteries:</b>	14.1 lbs.
<b>Length:</b>	14.0" (356mm)
<b>Width:</b>	6.5" (165mm)
<b>Height:</b>	11.5" (292mm)

CAT. NO.	UPC NO.	DESCRIPTION
EHP700LU11	00754	Power Pump, Bat 120V Chgr
EHP700LU12	00755	Power Pump, Bat 12V Chgr
EHP700LU22	00757	Power Pump, Bat 230V Chgr
EHP700LU120	00756	Power Pump, 120V Adapter
EHP700LU230	00758	Power Pump, 230V Adapter
<b>B</b> EHP700LUB	01150	EHP700 Bare Pump
HTA4GL	00759	Remote Control
TG3	01054	Strap
EAC18120	52191	Adapter, Ac - 120V To 18V
EAC18230	52192	Adapter, Ac - 230V To 18V
52176	52176	Battery, 18V Li Ion 3.0Ah
52178	52178	Charger, Battery 120V
52179	52179	Charger, Battery 230V
52180	52180	Charger, Battery 12V
25766	25766	Adapter, Charger 18V Li To 12V Ni
EL122/32	02042	Hydraulic Fluid, Biodegradable
17707	17707	Hose Assy, 1/4" X 10' 3/8M&1/4M Filled
05850	05850	Hose Assy, 1/4" X 10' 3/8M&3/8F Filled
01058	01058	Hose Assy, 1/4" X 6' 3/8M&1/4M Filled
01059	01059	Hose Assy, 1/4" X 6' 3/8M&3/8F Filled

# RATCHET CABLE CUTTERS

## Heavy-Duty Ratchet Cable Cutters



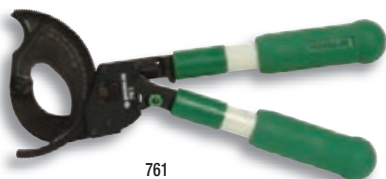
- Extra thick blades, ground flat to reduce potential for breakage.
- Ratchet action for heavy-duty cutting.
- Two cutting actions – fast scissor cutting for small cable and insulation; converts automatically to ratchet mode.
- Anti-slip mechanism for positive ratchet action.
- Rubber boot protects ratchet mechanism.

### SPECIFICATIONS

	COPPER	ALUMINUM
<b>Maximum Capacity</b>	1500 kcmil (MCM) (800 mm <sup>2</sup> )	1500 kcmil (MCM) (800 mm <sup>2</sup> )
<b>Frequent Use Capacity</b>	1000 kcmil (MCM) (500 mm <sup>2</sup> )	1000 kcmil (MCM) (500 mm <sup>2</sup> )
<b>Length</b>	27-1/2" (698 mm) long	
<b>Jaw opening</b>	2" (51 mm)	
<b>Weight</b>	11.41 lbs. (5.17 kg)	

CAT. NO.	UPC NO.	DESCRIPTION
756	34081	Heavy-Duty Ratchet Cable Cutter with rubber boot.
34188	34188	Cutter Head Unit (Includes 2 Blades)

## Two-Hand Ratchet Cable Cutter



761

- Two-handed operation provides more leverage and makes cutting large cables easier.
- 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

<b>Cutting Capacity*</b>	<b>Copper:</b> 1000 kcmil (MCM) (500 mm <sup>2</sup> ) <b>Aluminum:</b> 1000 kcmil (MCM) (500 mm <sup>2</sup> ) <b>Communications Cable:</b> 1-1/8" dia. (28 mm <sup>2</sup> )
<b>Length</b>	10-3/4" (273 mm)
<b>Weight</b>	3.6 lbs. (1.6 kg)

CAT. NO.	UPC NO.	DESCRIPTION
761	11761	Two-Hand Ratchet Cable Cutter
11768	11768	Movable Blade (761)

## High Performance Ratchet Cable Cutters



773



774

### SPECIFICATIONS

	773	774
<b>Maximum Capacity*</b>	<b>Copper:</b> 500 kcmil (MCM) (240 mm <sup>2</sup> ) <b>Aluminum:</b> 795 kcmil (MCM) (400 mm <sup>2</sup> ) <b>Communications Cable:</b> 1-3/16" dia.	<b>Copper:</b> 750 kcmil (MCM) (400 mm <sup>2</sup> ) <b>Aluminum:</b> 795 kcmil (MCM) (400 mm <sup>2</sup> ) <b>Communications Cable:</b> 1-3/16" dia.
<b>Frequent Use Capacity*</b>	<b>Copper:</b> 350 kcmil (MCM) (150 mm <sup>2</sup> ) <b>Aluminum:</b> 750 kcmil (MCM) (400 mm <sup>2</sup> ) <b>Communications Cable:</b> -	<b>Copper:</b> 500 kcmil (MCM) (240 mm <sup>2</sup> ) <b>Aluminum:</b> 750 kcmil (MCM) (400 mm <sup>2</sup> ) <b>Communications Cable:</b> -
<b>Length</b>	5-1/2" (394 mm)	19-1/8" (486 mm)
<b>Weight:</b>	5.3 lbs. (2.4 kg)	5.8 lbs. (2.6 kg)

- 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.
- Completely new ratchet mechanism improves durability.
- Narrow profile permits use in deep boxes, against walls or on floors.
- Durable, lightweight fiberglass handles.
- U.S. Patent #6,766,581

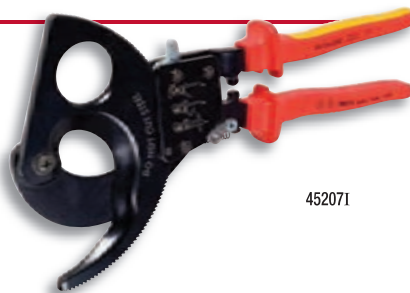
CAT. NO.	UPC NO.	DESCRIPTION
773	01876	High Performance Ratchet Cable Cutter, 15-1/2"
774	01878	High Performance Ratchet Cable Cutter 19-1/8"
10809	10809	Movable & Fixed Blades (773 & 774)



## Ratchet Cable Cutters



45206



45207I

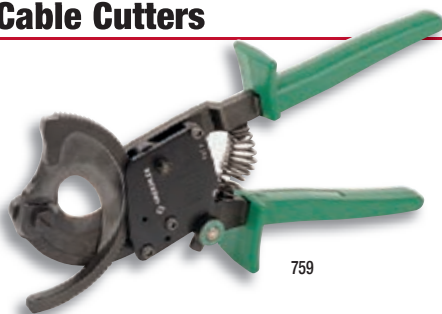
- Simple, one-hand operation
- Exclusive two-speed ratcheting mechanism adjusts for light/heavy cutting
- Well-suited for tight working spaces
- Blades can be opened mid-cycle
- Available with cushioned handles or with 1000V insulated cushioned handles

### SPECIFICATIONS

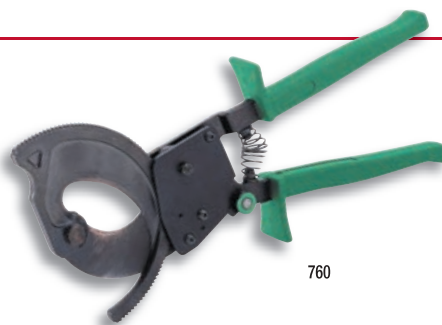
	45206 & 45206I	45207 & 45207I
<b>Maximum Capacity*</b>	<b>Copper:</b> 600 kcmil (MCM) (300 mm <sup>2</sup> ) <b>Aluminum:</b> 600 kcmil (MCM) (300 mm <sup>2</sup> ) <b>Communications Cable:</b> 1-3/8" (35 mm) dia.	<b>Copper:</b> 750 kcmil (MCM) (400 mm <sup>2</sup> ) <b>Aluminum:</b> 1000 kcmil (MCM) (500 mm <sup>2</sup> ) <b>Communications Cable:</b> 2" (51 mm) dia.
<b>Frequent Use Capacity*</b>	<b>Copper:</b> 500 kcmil (MCM) (240 mm <sup>2</sup> ) <b>Aluminum:</b> 500 kcmil (MCM) (240 mm <sup>2</sup> ) <b>Communications Cable:</b> -	<b>Copper:</b> 600 kcmil (MCM) (300 mm <sup>2</sup> ) <b>Aluminum:</b> 750 kcmil (MCM) (400 mm <sup>2</sup> ) <b>Communications Cable:</b> -
<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	45206	Ratchet Cable Cutter (1.5 lbs/7 kg)
45206I	12680	Ratchet Cable Cutter with Insulated Handles (1.5 lbs/7 kg)
45207	45207	Ratchet Cable Cutter (2.4 lbs/1.1 kg)
45207I	12681	Ratchet Cable Cutter with Insulated Handles (2.4 lbs/1.1 kg)
<b>R</b> 45218	45218	Movable Blade (45206 & 45206I)
<b>R</b> 45212	45212	Fixed Blade and Handle (45206)
<b>R</b> 12526	12526	Fixed Blade and Handle (45206I)
<b>R</b> 45211	45211	Movable Blade (45207 & 45207I)
<b>R</b> 45228	45228	Fixed Blade and Handle (45207)
<b>R</b> 05883	05883	Fixed Blade and Handle (45207I)

## Compact Ratchet Cable Cutters



759



760

- Simple, one-hand operation.
- Compact – convenient for working in tight places and stores easily in tool pouches.
- Single-speed ratchet mechanism.
- Blade release allows blades to be opened in mid-cut.
- Heavy-duty blades provide long life.

### SPECIFICATIONS

	759	760
<b>Maximum Capacity*</b>	<b>Copper:</b> 500 kcmil (MCM) (240 mm <sup>2</sup> ) <b>Aluminum:</b> 750 kcmil (MCM) (400 mm <sup>2</sup> ) <b>Communications Cable:</b> 1-1/8" dia. (28 mm <sup>2</sup> ).	<b>Copper:</b> 1000 kcmil (MCM) (500 mm <sup>2</sup> ) <b>Aluminum:</b> 1000 kcmil (MCM) (500 mm <sup>2</sup> ) <b>Communications Cable:</b> 1-3/4" dia. (42 mm <sup>2</sup> )
<b>Frequent Use Capacity*</b>	<b>Copper:</b> 400 kcmil (MCM) (185 mm <sup>2</sup> ) <b>Aluminum:</b> 600 kcmil (MCM) (300 mm <sup>2</sup> ) <b>Communications Cable:</b> -	<b>Copper:</b> 750 kcmil (MCM) (400 mm <sup>2</sup> ) <b>Aluminum:</b> 1000 kcmil (MCM) (500 mm <sup>2</sup> ) <b>Communications Cable:</b> -
<b>Length</b>	10-1/2" (262 mm)	11-3/4" (298 mm)
<b>Weight:</b>	1.4 lbs. (0.6 kg)	1.75 lbs. (0.8 kg)

CAT. NO.	UPC NO.	DESCRIPTION
759	45277	Compact Ratchet Cable Cutter
760	17600	Compact Ratchet Cable Cutter
<b>R</b> 45282	45282	Movable Blade (759)
<b>R</b> 45281	45281	Fixed Blade (759)
<b>R</b> 09908	09908	Movable Blade (760)
<b>R</b> 09907	09907	Fixed Blade (760)
<b>R</b> 45297	45297	Handle Spring

\*Capacity may be less for compact and compressed cables

## Heavy-Duty Cable Cutters



### SPECIFICATIONS

	718F	704	705	706
<b>Maximum Capacity*</b>				
<b>Copper:</b>	350 kcmil (MCM) (150 mm <sup>2</sup> )	350 kcmil (MCM) (150 mm <sup>2</sup> )	500 kcmil (MCM) (240 mm <sup>2</sup> )	750 kcmil (MCM) (400 mm <sup>2</sup> )
<b>Aluminum:</b>	-	500 kcmil (MCM) (240 mm <sup>2</sup> )	1000 kcmil (MCM) (500 mm <sup>2</sup> )	1000 kcmil (MCM) (500 mm <sup>2</sup> )
<b>Communications Cable:</b>	1" (25 mm) dia.	1-1/4" (32 mm) dia.	1-3/4" (44 mm) dia.	1-1/2" (38 mm) dia.
<b>Frequent Use Capacity*</b>				
<b>Copper:</b>	4/0 AWG (95)	250 kcmil (MCM) (120 mm <sup>2</sup> )	350 kcmil (MCM) (150 mm <sup>2</sup> )	500 kcmil (MCM) (240 mm <sup>2</sup> )
<b>Aluminum:</b>	350 kcmil (MCM) (150 mm <sup>2</sup> )	350 kcmil (MCM) (150 mm <sup>2</sup> )	750 kcmil (MCM) (400 mm <sup>2</sup> )	750 kcmil (MCM) (400 mm <sup>2</sup> )
<b>Communications Cable:</b>	-	-	-	-
<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 lbs. (1.3 kg)	3.01 lbs. (1.37 kg)	5.5 lbs. (2.5 kg)	6.2 lbs. (2.8 kg)

### 718F, 704, 705 and 706

- Strong, lightweight fiberglass handles.
- Adjustable pivot bolt provides for blade adjustment.

### 704, 705 and 706

- Replaceable, forged, heat-treated, and precision ground blades.
- Made in USA.

CAT. NO.	UPC NO.	DESCRIPTION
718F	10507	Heavy-Duty Cable Cutter, 17-1/2"
704	24564	Heavy-Duty Cable Cutter, 21"
705	05923	Heavy-Duty Cable Cutter, 25-1/2"
706	22291	Heavy-Duty Cable Cutter, 31-1/2"
<b>R</b> 24565	24565	704 Cutter Unit (Includes 2 Blades)
<b>R</b> 24567	24567	704 Handle Unit (Includes Handle, Sleeve, Grip)
<b>R</b> 05930	05930	705 Handle Unit (Includes Handle, Sleeve, Grip)
<b>R</b> 06555	06555	705 & 706 Cutter Unit (Includes 2 Blades)
<b>R</b> 22296	22296	706 Handle Unit (Includes Handle, Sleeve, Grip)

*\*Capacity may be less for compact and compressed cables*

## 718 Cable Cutter



- Economical, lightweight, fits easily into tool boxes.
- Heat-treated, precision ground, shear action blades.
- Steel handles with rubber grips for leverage.
- Made in USA.

### SPECIFICATIONS

	COPPER	ALUMINUM
<b>Maximum Capacity*</b>	350 kcmil (MCM) (150mm <sup>2</sup> )	-
<b>Frequent Use Capacity</b>	4/0 (95 mm <sup>2</sup> )	350 kcmil (MCM) (150 mm <sup>2</sup> )
<b>Length</b>	18" (457 mm)	
<b>Weight:</b>	2.78 lbs. (1.3 kg)	

CAT. NO.	UPC NO.	DESCRIPTION
718	30208	Cable Cutter

*\*Capacity may be less for compact and compressed cables*

## 718HL Cable Cutter



- Unique “double joint” reduces handle effort required by 25% and 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.
- Patent Pending.

### SPECIFICATIONS

	COPPER	ALUMINUM
Maximum Capacity*	500 kcmil	500 kcmil
Frequent Use Capacity	350 kcmil	500 kcmil
Length	18" (457 mm)	
Weight:	3.25 lbs. (1.5 kg)	

CAT. NO.	UPC NO.	DESCRIPTION
718HL	12847	Cable Cutter

\*Capacity may be less for compact and compressed cables

## Cable Cutter



- Easily cuts heavier copper and aluminum cables.
- 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*	<b>Copper:</b> 2/0 (70 mm <sup>2</sup> ) <b>Aluminum:</b> - <b>Communications Cable:</b> -
Frequent Use Capacity*	<b>Copper:</b> #1 AWG (35 mm <sup>2</sup> ) <b>Aluminum:</b> 2/0 (70 mm <sup>2</sup> ) <b>Communications Cable:</b> 100 pair
Length	10-3/4" (273 mm)
Weight	3.6 lbs. (1.6 kg)

CAT. NO.	UPC NO.	DESCRIPTION
727	31291	Cable Cutter
727M	12629	Cable Cutter with Molded Grip

## 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

Capacity	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)
Length	14.5" (368 mm)
Weight	5.7 lbs. (2.6 kg)

CAT. NO.	UPC NO.	DESCRIPTION
HK520	08031	Hydraulic ACSR Cable Cutter
<b>R</b> 00336	00336	Cutter Blade
<b>R</b> 00301	00301	Fixed Cutter Head

## High Performance Ratchet ACSR Cable 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. (U.S. Patent #6,766,581).
- 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>	6.2 lb. (2.8 kg)

CAT. NO.	UPC NO.	DESCRIPTION
776	02826	High Performance ACSR Cable Cutter
<b>R</b> 11397	11397	Movable & Fixed Blade Set

## Ratchet ACSR Cable Cutter



- Extra-thick blades, ground flat to reduce potential for breakage.
- 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.
- Rubber boot protects ratchet mechanism.

### SPECIFICATIONS

<b>Capacity</b>	954 kcmil (MCM) ACSR, 1/2" (12.7 mm) soft steel rod
<b>Length</b>	29-1/4" (743 mm)
<b>Jaw opening</b>	1.18" (30 mm)
<b>Weight</b>	12.22 lbs. (5.54 kg)

CAT. NO.	UPC NO.	DESCRIPTION
757	34084	Ratchet ACSR Cable Cutter
<b>R</b> 34187	34187	Cutter Head Unit (Includes 2 Blades)

## 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

<b>Capacity</b>	1/2" EHS and standard Guy Wire, 1/2" Mild Steel Rods and Bolts
<b>Length</b>	27-3/4" (704 mm)
<b>Weight</b>	10 lbs. 12 oz. (4.8 kg)

CAT. NO.	UPC NO.	DESCRIPTION
758	01274	Heavy-Duty Ratchet Guy Wire Cutter
<b>R</b> 03548	03548	Cutter Head Unit (Includes Blades, Blade Holder, Insert and Hardware)

## Guy Wire Cutter Dies



- Works with any crimping tool that accepts 12-ton "U" type dies.
- Less costly than dedicated cutting tools.
- 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.
- U.S. Patent Number 5,775,158.

### SPECIFICATIONS

<b>Capacity</b>	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> )
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CAT. NO.	UPC NO.	DESCRIPTION
00949	00949	Cutting dies for 12-ton "U" die type crimping tools

## KD6-27 Cutter Dies



- "W" style dies for cutting ACSR.
- Now, with improved steel and heat treatment for better durability.
- Can be used with any crimping tool that accepts "W" dies. Including: Greenlee K4250, K425BG, EK622L, ECCXL (with UAW adapters), and EK628L (with CJD3 jaws).
- Equivalent to Burndy W-28K.

### SPECIFICATIONS

<b>Capacity</b>	4/0 ACSR
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CAT. NO.	UPC NO.	DESCRIPTION
KD6-27	10182	"W" Style Cutting Dies for ACSR

## ACSR Cable Cutter



- Precision-machined, forged steel blades.
- Cuts ACSR service entrance cable.
- Steel handles with rubber hand grips.

### SPECIFICATIONS

<b>Capacity</b>	ACSR Cable: 2/0, 7/16" (11.1 mm) Piano Wire: 1/8" (3.2 mm) Copper/Aluminum Cable: 350 kcmil (mcm) (150 mm <sup>2</sup> )
<b>Length</b>	28" (711 mm)
<b>Weight</b>	5.66 lbs. (2.6 kg)

CAT. NO.	UPC NO.	DESCRIPTION
749	32913	ACSR Cable Cutter
<b>R</b> 04663	04663	Bolt & Nut Set

## Steel Cable & Wire Rope Cutter



- Cuts small diameter wire rope & wire.
- Heavy-duty forged steel blades and handles.
- Heat treated, precision ground, shear action cutting blades.
- Cushioned handle grips.

### SPECIFICATIONS

<b>Capacity</b>	Soft Wire Rope: 1/4" (6 mm) dia. Aircraft Cable: 3/16" (5 mm) dia. Hard Steel Wire: 3/16" (5 mm) dia. Copper/Aluminum Cable: 15/64" (6 mm) dia.
<b>Length</b>	7 7/8" (200 mm)
<b>Weight</b>	.75 lbs. (.34 kg)

CAT. NO.	UPC NO.	DESCRIPTION
722	19990	Wire Rope & Cable Cutter



## Ratchet Communications Cutter



Not for use on ACSR  
or steel jacketed cable

- This versatile cutter has a specially designed moving blade to handle the larger diameter telephone cable and soft drawn copper and aluminum.
- Cuts up to 2,700 pair 3" telephone cable.
- Blade release for safety and fast backout.
- Ratchet lock.
- Blades are manufactured from high carbon tool steel and heat-treated for long life.
- Rust-resistant, black oxide finish.

### SPECIFICATIONS

<b>Length</b>	11-1/2" (287 mm)
<b>Weight</b>	2.8 lbs. (1.3 kg)

CAT. NO.	UPC NO.	DESCRIPTION
45240	45240	Telco Ratchet Cutter
45241	45241	Movable Blade
45242	45242	Fixed Blade

## 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

<b>Cutting Capacity</b>	2-1/4" (57 mm) Communications Cable (900 pair, 24 AWG)
<b>Length</b>	37" (940 mm)
<b>Weight</b>	7.2 lbs. (3.3 kg)

CAT. NO.	UPC NO.	DESCRIPTION
765	06011	Heavy-Duty Communications Cutter
 05935	05935	Cutter Blade (765) (2 required)

## Hydraulic Cable Bender

800F1725



- 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

<b>Capacity</b>	350 - 1000 kcmil (MCM) (185-500 mm <sup>2</sup> ), 600 volt 350 - 750 kcmil (MCM) compact cable
<b>Weight</b>	800 - 7 lbs. (3.2 kg), 802 - 26 lbs. (11.8 kg) 800F1725 - 36 lbs. (16.4 kg)

CAT. NO.	UPC NO.	DESCRIPTION
800	23892	Hydraulic Cable Bender only
802	24395	Hydraulic Cable Bender with High Pressure Hose Unit and Storage Box
800F1725	23893	Hydraulic Cable Bender with 1725 Foot Pump, High Pressure Hose Unit and Storage Box
<b>R</b> 37729	37729	High Pressure Hydraulic Hose 1/4" x 10' (6.4 mm x 3 m)
<b>R</b> 1725	31353	Hydraulic Foot Pump
<b>R</b> 23955	23955	Metal Storage Box

## CABLE BENDING TOOLS

### 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.

### SPECIFICATIONS

<b>Capacity</b>	Up through 500 kcmil (MCM) (240 mm <sup>2</sup> ), 600 volt, copper or aluminum cable
<b>Weight</b>	8.2 lbs. (3.7 kg)

CAT. NO.	UPC NO.	DESCRIPTION
796	22590	Ratchet Cable Bender
<b>R</b> 22578	22578	Ratchet Wrench with Grip
<b>R</b> 22579	22579	L-Wrench with Grip
<b>R</b> 22682	22682	10" (254 mm) Ratchet Extension
<b>R</b> 22934	22934	Bending Shoe
<b>R</b> 30236	30236	Storage Box

# WIRE AND CABLE STRIPPING TOOLS

## MC Cable Cutter



0952-01

- 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

<b>Dimensions</b>	10.63" x 6.13" x 2.5" (270x156x64mm)
<b>Weight</b>	0.72 lbs (0.33kg)

CAT. NO.	UPC NO.	DESCRIPTION
0952-01	02072	Cutter, Cable MC

## Cable Stripping Tool



- 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. 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.
- Ergonomic handle shape.
- Suitable for most jacket materials.

### SPECIFICATIONS

<b>Capacity</b>	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)
<b>Weight</b>	.25 lbs (0.1 g)

CAT. NO.	UPC NO.	DESCRIPTION
1903	12679	Cable Stripping Tool
R 13544	13544	Replacement Blade (2 per package)
R 13545	13545	Replacement Small Hook
R 13546	13546	Replacement Large Hook

## Adjustable Cable Stripper



- For mid-span and end termination. Strips TW, THW, THWN, THHN and similar single-layer insulation.
- Fast-close jaws. Quick size and insulation adjustments.
- Snap action for same cutting depth time after time.

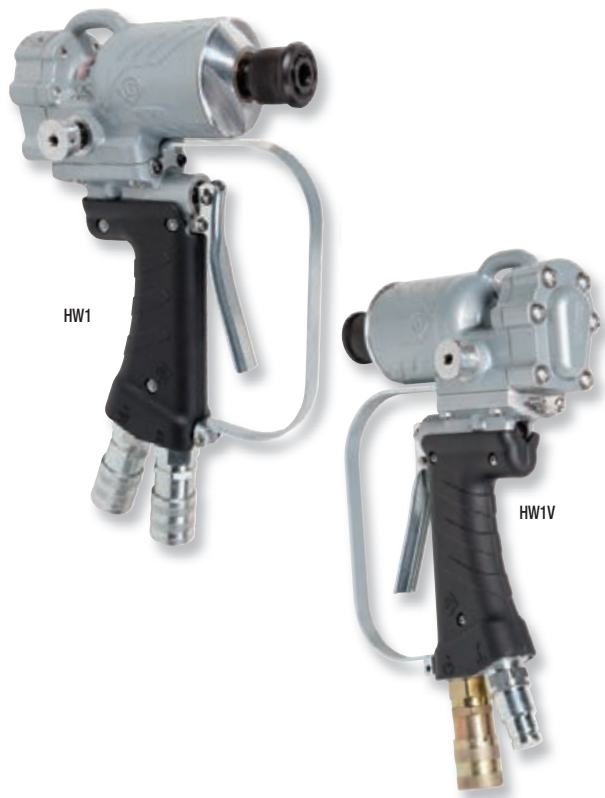
### SPECIFICATIONS

<b>Capacity</b>	1/0 - 1000 kcmil (MCM) (50 - 500 mm <sup>2</sup> diameter); insulation rated 600 VAC Nominal
<b>Weight</b>	.9 lb. (408 g)

CAT. NO.	UPC NO.	DESCRIPTION
1905	21533	Adjustable Cable Stripper
R 21978	21978	Blade

## Hydraulic Impact Wrenches

**NEW**  
PRODUCT



- Lifting eye for safe storage.
- Forward/ Reverse flow selector.
- Cool-grip handle+
- 14% lighter and 20% more torque.
- The perfect mix of performance and ergonomics.
- Forward positioned handle for improved balance and reduced fatigue.
- Impact and heat-resistant Cool-Grip handle+ dissipates heat.

CAT NO.	UPC NO.	DESCRIPTION
HW1	00373	High torque 1/2" impact wrench with 7/16" hex quick change chuck w/adaptor
HW1V	00372	High torque 1/2" impact wrench with torque adj, 7/16" hex quick change chuck w/adaptor
AD1/2-5/8	00939	Heavy duty 5/8" hex x 1/2" square drive shank
NR1-5/8	00938	Heavy duty 5/8" hex x NR1 Nut Runner
00916	00916	Heavy duty 5/8" hex x NR2 Nut Runner
49782	49782	Heavy duty 7/16" hex x NR1 Nut Runner
21111	21111	Heavy duty 7/16" hex x NR2 Nut Runner
49314	49314	Heavy duty 7/16" hex x 1/2" square drive shank
NR1	45798	Nut Runner with adapter for 5/8", 1/2", 13/16", 1" square nuts
NR2	20920	Nute Runner with adpater for 1", 1-1/8", 1-5/16" square nuts
00376	00376	Trigger guard kit for HW1 or HW1V, HW3
54923	54923	HTMA Male Coupler: HTMA, 3/4-16 SAE O-Ring Exterior Thread
54925	54925	HTMA Female Coupler: HTMA, 9/16-18 SAE O-Ring Exterior Thread
37868	37868	Nail Eater II, 7/16" Hex Extreme Impact Bits - 9/16" Dia, 18" Length
37869	37869	Nail Eater II, 7/16" Hex Extreme Impact Bits - 11/16" Dia, 18" Length
37870	37870	Nail Eater II, 7/16" Hex Extreme Impact Bits - 13/16" Dia, 18" Length
37871	37871	Nail Eater II, 7/16" Hex Extreme Impact Bits - 15/16" Dia, 18" Length
66TF-9/16	02004	Nail Eater Extreme, 7/16 Hex Black Teflon Coated Impact Bits - 9/16" Dia, 18" Length
66TF-11/16	02005	Nail Eater Extreme, 7/16 Hex Black Teflon Coated Impact Bits - 11/16" Dia, 18" Length
66TF-13/16	02006	Nail Eater Extreme, 7/16 Hex Black Teflon Coated Impact Bits - 13/16" Dia, 18" Length
66TF-15/16	02007	Nail Eater Extreme, 7/16 Hex Black Teflon Coated Impact Bits - 15/16" Dia, 18" Length
135245	40887	Hose Assembly, 3/8" X 8' Orange - 3/8" NPTF male fittings
135247	40888	Hose Assembly, 3/8" X 10' Orange - 3/8" NPTF male fittings
25746	25746	Hose Assembly- 3/8 X 8' Orange - 3/8" NPTF male swivel fittings
31369	31369	Hose Assembly- 3/8 X 8' Orange - 9/16"-18 SAE O-ring swivel / 3/4"-16 SAE O-ring swivel

### SPECIFICATIONS    HW1 & HW1V

<b>Capacity</b>	7/16" Hex
<b>Weight</b>	HW1 – 6.5 lbs. (2.93 kg) HW1V – 6.6 lbs. (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

## HW3

NEW  
PRODUCT

- Forward positioned handle for improved balance and reduced fatigue.
- Impact and heat-resistant Cool Grip™ handle+ dissipates heat.
- Large onboard lifting eye for easy and secure storage.
- Industry-leading weight to torque ratio.
- Quickly change between forward and reverse motions with directional control selector.
- Adjustable torque settings with variable flow knob.

## SPECIFICATIONS

<b>Capacity</b>	3/4" square
<b>System</b>	Super Spool Selector Control
<b>Weight</b>	10.5 lbs. (4.75 kg)
<b>Length</b>	9.3" (236 mm)
<b>Width</b>	4.2" (107 mm)
<b>Height</b>	11.8" (300 mm)
<b>Flow Range</b>	4 - 12 gpm (15 - 45 lpm)
<b>Operating Pressure</b>	1000 - 2000 psi (69 - 140 bar)
<b>Torque</b>	1283 ft. - lb. (1742 Nm) at 10 gpm (37.8 lpm)
<b>Pressure Port Thd.</b>	9/16 - 18 SAE O-Ring
<b>Return Port Thd.</b>	3/4 - 16 SAE O-Ring
<b>RPM Range</b>	2800 rpm at 8 gpm (30 lpm) (no load)

CAT. NO.	UPC NO.	DESCRIPTION
HW3	00990	High torque 3/4" impact wrench with 3/4" square drive with auxiliary handle
54923	54923	HTMA Male Coupler
54925	54925	HTMA Female Coupler

## 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	45798	NR1 Nut Runner with Adapter
NR2	20920	NR2 Nut Runner with Adapter
49782	49782	Adapter for NR1 Nut Runner
21111	21111	Adapter for NR2 Nut Runner

SPECIFICATIONS	NR1	NR2
Length w/o adapter:	7-3/4" (197 mm)	8-5/8" (219 mm)
Length with adapter:	9-1/2" (241 mm)	11" (279 mm)
Diameter:	1-3/4" dia. (45 mm dia.)	2-3/8" dia. (60 mm dia.)
Weight with adapter:	1.5 lb. (0.7 kg)	3.25 lb. (1.5 kg)
Nut Sizes	1", 13/16", 3/4", 5/8"	1-1/2", 1-5/16", 1-1/8"

## Auger Bits

NEW  
PRODUCT

- 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%.
- Made in the USA.

## SPECIFICATIONS

<b>66TF-9/16</b>	18" X 1.5" X 1.5" (47.52 Cm X 3.81Cm X 3.81Cm)
<b>66TF-11/16</b>	18" X 1.5" X 1.5" (47.52 Cm X 3.81Cm X 3.81Cm)
<b>66TF-13/16</b>	Impact Auger Bit, Tf-13/16" X 18" (Pop)
<b>66TF-15/16</b>	Impact Auger Bit, Tf-15/16" X 18" (Pop)

CAT. NO.	UPC NO.	DESCRIPTION
66TF-9/16	02004	Impact Auger Bit, Tf-9/16" X 18" (Pop)
66TF-11/16	02005	Impact Auger Bit, Tf-11/16" X 18" (Pop)
66TF-13/16	02006	Impact Auger Bit, Tf-13/16" X 18" (Pop)
66TF-15/16	02007	Impact Auger Bit, Tf-15/16" X 18" (Pop)



## HID6506 ROTARY IMPACT HAMMER DRILL



- New sds-impact mechanism for larger holes.
- +16% In Concrete\* and +11% In Wood\*
- Hammer / Drill mode selector.
- Variable flow control.
- Lifting eye for safe storage.
- Forward/ Reverse flow selector.
- Cool-grip handle+
- 14% Lighter\*
- 20% More Torque\*
- The perfect mix of performance and ergonomics.
- Forward positioned handle for improved balance and reduced fatigue.
- Impact and heat-resistant Cool-Grip handle+ dissipates heat.

### SPECIFICATIONS

<b>Capacity</b>	Concrete - 7/8" (22mm) hole Steel - 1/2" (13 mm) hole Wood - 1-1/8" (30 mm) hole Core Bit - 2-5/8" (68 mm)
<b>System</b>	Super Spool Selector Control
<b>Chuck</b>	SDS Plus bit shanks
<b>Weight</b>	9 lbs. (4.1 kg)
<b>Length</b>	11.2" (285 mm)
<b>Width</b>	3.5" (89 mm)
<b>Height</b>	11" (280 mm)
<b>Flow Range</b>	4 - 12 gpm (15 - 45 lpm)
<b>Operating Pressure</b>	1000 - 2000 psi (69 - 140 bar)
<b>Pressure Port Thd.</b>	3/4 - 16 SAE O-Ring
<b>Return Port Thd.</b>	3/4 - 16 SAE O-Ring
<b>RPM Range</b>	900 - 1050 rpm at 6 gpm (22.7 lpm)
<b>Blows Per Minute</b>	5400 at 6 gpm (22.7 lpm)

CAT NO.	UPC NO.	DESCRIPTION
HID6506	42309	SDS Plus Rotary Impact Hammer Drill
AD1/2-5/8	00939	Heavy duty 5/8" hex x 1/2" square drive shank
NR1-5/8	00938	Heavy duty 5/8" hex x NR1 Nut Runner
00916	00916	Heavy duty 5/8" hex x NR2 Nut Runner
49782	49782	Heavy duty 7/16" hex x NR1 Nut Runner
21111	21111	Heavy duty 7/16" hex x NR2 Nut Runner
49314	49314	Heavy duty 7/16" hex x 1/2" square drive shank
NR1	45798	Nut Runner with adapter for 5/8", 1/2", 13/16", 1" square nuts
NR2	20920	Nute Runner with adpater for 1", 1-1/8", 1-5/16" square nuts
54923	54923	HTMA Male Coupler: HTMA, 3/4-16 SAE O-Ring Exterior Thread
54925	54925	HTMA Female Coupler: HTMA, 9/16-18 SAE O-Ring Exterior Thread

## Reversible Drill



- Compact, lightweight – ideal for line construction applications.
- Super Spool™ selector control for use on Open- and Closed-Center hydraulic systems.
- Rugged gear motor.
- Reversible.

### SPECIFICATIONS

<b>Capacity</b>	Steel - 1/2" (13 mm) hole Wood - 1-1/6" (27 mm) hole
<b>System</b>	Super Spool™ selector control for use on Open- and Closed-Center hydraulic systems
<b>Chuck</b>	1/2" (13 mm) key-type
<b>Weight</b>	6 lbs. (2.7 kg)
<b>Length</b>	7.5" (190 mm)
<b>Width</b>	3" (76 mm)
<b>Height</b>	9" (229 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 Thd.</b>	9/16 - 18 SAE O-Ring
<b>Return Port Thd.</b>	3/4 - 16 SAE O-Ring
<b>RPM</b>	1,300 rpm at 6 gpm (23 lpm)

CAT. NO.	UPC NO.	DESCRIPTION
H6400C	42260	Drill – 1/2" (13 mm) key-type chuck
54923	54923	HTMA Male Coupler
54924	54924	HTMA Female Coupler

# SAWS AND PRUNERS

## Pistol-Grip Chain Saws



(Product shown with HTMA coupler accessories attached)

CAT. NO.	UPC NO.	DESCRIPTION
HPS513	49565	Pistol-Grip Chain Saw
HPS513CB	45826	Pistol-Grip Chain Saw with Chain Brake
A 54923	54923	HTMA Male Coupler
A 54924	54924	HTMA Female Coupler

- 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.
- Safety features include: two-step trigger, high impact polymer front handle/shroud, wide lower handle protects hands/knuckles, chain catcher stops chain rotation.
- Reduced kickback bar and chain.
- Supplied with 12" (305 mm) steel braided whip hoses (couplers not included).
- Chain brake model meet requirements of ISO6535.

### SPECIFICATIONS

<b>Cutting Capacity System</b>	13" (330 mm) 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)

## Standard Chain Saws



(Product shown with HTMA coupler accessories attached)

- 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.
- Safety features include: two-step safety trigger, high impact polymer front handle/shroud, wide lower handle protects hands/knuckles, chain catcher stops 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)

CAT. NO.	UPC NO.	DESCRIPTION	CUTTING CAPACITY	WEIGHT	LENGTH
HCS816	49566	Chain Saw	16" (406 mm)	9.5 lb. (4.3 kg)	31.5" (800 mm)
HCS820	49603	Chain Saw	20" (508 mm)	10.2 lb. (4.6 kg)	35.5" (902 mm)
HCS8160CB	45653	Chain Saw with Chain Brake	16" (406 mm)	9.5 lb. (4.3 kg)	31.5" (800 mm)
A 54923	54923	HTMA Male Coupler			
A 54924	54924	HTMA Female Coupler			

## Long-Reach Chain Saws



- 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.

### 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>Extension Type</b>	Fiberglass – tested to 100 KvA for 5 minutes
<b>Width</b>	4" (102 mm)
<b>Flow Range</b>	5 - 8 gpm (19 - 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	LENGTH	WEIGHT
43178	43178	Long Reach Chain Saw	62.5" (1.6 m)	8-1/2 lb. (3.9 kg)
38568	38568	Long Reach Chain Saw	75" (1.9 m)	9-1/4 lb. (4.2 kg)
43177	43177	Long Reach Chain Saw	88.5" (2.2 m)	9-3/4 lb. (4.4 kg)
LRF75	17140	Foam Filled Long Reach Chain Saw	75" (1.6 m)	9-1/2 lb. (4.4 kg)
LRF88	17142	Foam Filled Long Reach Chain Saw	88.5" (2.2 m)	10-1/4 lb. (4.7 kg)
<b>A</b> 54923	54923	HTMA Male Coupler		
<b>A</b> 54924	54924	HTMA Female Coupler		

## Chain Saw Accessories

Accessories			Long Reach Chain Saws					
Cat. No.	UPC No.	Description	43178	LRF75 38568	LRF88 43177	HPS513 HPS513CB	HCS816 HCS8160CB	HCS820
170074	43369	13" bar, .058 gauge	◆	◆	◆	◆		
F030030	43370	13" chain, .325 pitch	◆	◆	◆	◆		
55141	55141	16" bar, .050 gauge					◆	○
F022544	41960	16" chain, 3/8 pitch					◆	○
55185	55185	20" bar, .050 gauge					○	◆
55191	55191	20" chain, 3/8 pitch					○	◆
55101	55101	.325" rim sprocket	◆	◆	◆	◆		
55103	55103	3/8" rim sprocket					◆	◆

◆ - Standard item shipped with product

○ - Optional accessory or replacement (must use matching bar and chain)

## Overhead Circular Saw



\* **CAUTION**

Not to be used for ground level operation.

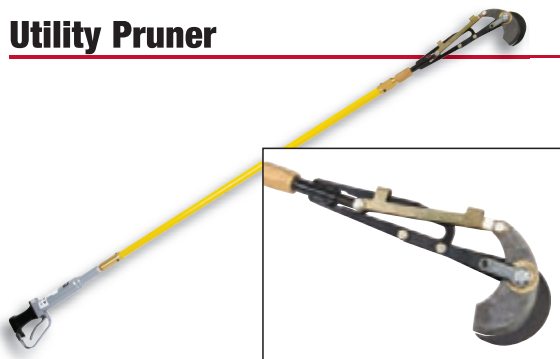
- Use for high production utility line clearing and general tree clearing applications\*.
- Super Spool™ selector control for Open- and Closed-Center hydraulic systems.
- Safety features include:  
hand stop collar, trigger guard, two-step trigger and branch stop.
- Insulated fiberglass extension tube, 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

<b>Cutting Capacity System</b>	3.5" (89 mm) Super Spool™ selector control for use on Open- and Closed-Center hydraulic systems
<b>Blade Diameter</b>	9" (229 mm)
<b>Extension Type</b>	Fiberglass – tested to 100 KvA for 5 minutes
<b>Weight</b>	9 lb. (4.1 kg)
<b>Overall Length</b>	82" (2.1m)
<b>Flow Range</b>	4 - 6 gpm (15 - 23 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>RPM</b>	5,250 rpm at 6 gpm (23 lpm)

CAT. NO.	UPC NO.	DESCRIPTION
* 43180	43180	Overhead Circular Saw
A 54923	54923	HTMA Male Coupler
A 54924	54924	HTMA Female Coupler
R L088009	42853	9" blade
A 156586	43973	9" chain blade

## Utility Pruner



- Use on utility line clearing and selective pruning of shade trees.
- Heavy cut capacity cuts branches up to 2" (50 mm).
- Trigger guard.
- Insulated fiberglass extension tubes, tested to meet OSHA Regulation 1910.269.
- Heat-insulated handle.
- Full power return.

### SPECIFICATIONS

<b>Cutting Capacity System</b>	2" (50 mm) Open-Center
<b>Extension Type</b>	Fiberglass – tested to 100 KvA for 5 minutes
<b>Weight</b>	10.6 lbs. (4.8 kg)
<b>Overall Length</b>	86" (2,159 mm)
<b>Width</b>	6-1/4" (158 mm)
<b>Flow Range</b>	4 - 6 gpm (15 - 23 lpm)
<b>Operating Pressure</b>	1,000 - 2,000 psi (69 - 140 bar)
<b>Pressure Port Thd.</b>	9/16 - 18 SAE O-Ring
<b>Return Port Thd.</b>	3/4 - 16 SAE O-Ring

CAT. NO.	UPC NO.	DESCRIPTION
48520	48520	Utility Pruner, Open-Center
A 54923	54923	HTMA Male Coupler
A 54924	54924	HTMA Female Coupler
A 11660	11660	Conversion Kit for Closed-Center hydraulic system

## Orchard and Shade Tree Pruner



\* **CAUTION**

Not to be used near high voltage lines.

- Heavy-duty large capacity pruner for all agricultural work.
- 360° swiveling extension.
- Heat barrier grip and full trigger guard.
- Lightweight.

### SPECIFICATIONS

<b>Cutting Capacity System</b>	1-3/4" (44 mm) Open-Center; Extension Type: Aluminum*
<b>Weight</b>	7.7 lb. (3.5 kg)
<b>Overall Length</b>	60" (1.5m)
<b>Width</b>	6" (152 mm)
<b>Flow Range</b>	4 - 6 gpm (15 - 23 lpm)
<b>Operating Pressure</b>	1,000 - 2,000 psi (69 - 140 bar)
<b>Pressure Port Thd.</b>	3/8" NPTF
<b>Return Port Thd.</b>	3/8" NPTF

CAT. NO.	UPC NO.	DESCRIPTION
* LHFS-210003	42909	Pruner - 60" (1.5m) overall length
A F013455	41419	Nipple 3/8" x 1/2" NPTF Thread (Qty. 2)
A F020196K	41778	HTMA Female Coupler 1/2" NPTF
A F020197K	41779	HTMA Male Coupler 1/2" NPTF
A L043175	42358	Conversion kit for closed-center hydraulic system

# BREAKERS AND ACCESSORIES

## Rock Drill



- On-board air compressor provides air to clean dust out of holes with guard.
- Drill rotation speed is adjustable from 0 to 400 rpm with a 4-position dial. Tool can be operated without rotation.
- Has vibration isolated and cushioned handles to reduce operator fatigue.
- Simple design provides excellent durability and simple repair.
- Drills a 2-1/2" (65 mm) diameter hole up to 10 feet (3 m) deep.
- Supplied with 12" (305 mm) steel braided whip hoses.

CAT. NO.	UPC NO.	DESCRIPTION
HRD44A	11104	Hydraulic Rock Drill
<b>A</b> F020198K	41780	HTMA Male Coupler 3/8" NPTF
<b>A</b> F020195K	41777	HTMA Female Coupler 3/8" NPTF

### SPECIFICATIONS

<b>Hydraulic System</b>	Open-Center
<b>Weight</b>	44 lbs. (20 kg)
<b>Length</b>	25" (626 mm)
<b>Width</b>	16" (412 mm)
<b>Whip Hoses</b>	3/8" NPTF x 12" (305 mm)
<b>Chuck Size</b>	7/8 x 4-1/4" (22 x 108 mm)
<b>Hydraulic Flow</b>	5 - 7 gpm (19 - 25 lpm)
<b>Operating Pressure</b>	1,275 - 1,700 psi (88 - 118 bar)
<b>Maximum Pressure</b>	3,000 psi (207 bar)
<b>Blows Per Minute</b>	1,400 maximum (varies with rotation speed)
<b>Drill Rotation Speed</b>	0 - 400 rpm
<b>Air Flow</b>	2.8 cu. ft/min (80 lpm)
<b>Air Pressure:</b>	29 psi (2 bar)

## Breaker – 25 lb. (11.5 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.

CAT. NO.	UPC NO.	DESCRIPTION
HPB25	45937	Paving Breaker – 25 lb.
<b>A</b> F020198K	41780	HTMA Male Coupler 3/8" NPTF
<b>A</b> F020195K	41777	HTMA Female Coupler 3/8" NPTF

### SPECIFICATIONS

<b>System</b>	Open-Center
<b>Weight</b>	25 lbs. (11.5 kg)
<b>Length</b>	22" (566 mm)
<b>Width</b>	6" (154 mm)
<b>Chuck Size</b>	7/8" x 3-1/4"
<b>Whip Hoses</b>	3/8" NPTF x 12" (305 mm)
<b>Hydraulic Flow</b>	5 - 7 gpm (19 - 25 lpm)
<b>Operating Pressure</b>	1,280-1,850 psi (88 - 127 bar)
<b>Maximum Pressure</b>	3,000 psi (207 bar)
<b>Blows Per Minute</b>	1,800 at 7 gpm (25 lpm)

## 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.

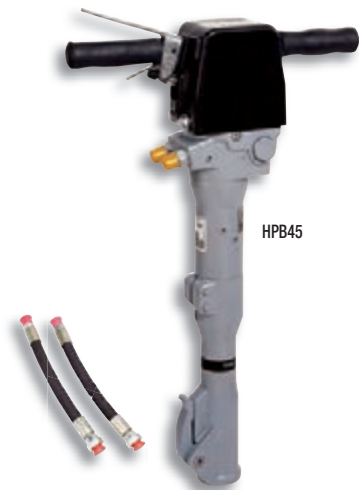
CAT. NO.	UPC NO.	DESCRIPTION
HPB35	45938	Paving Breaker – 35 lb.
<b>A</b> F020198K	41780	HTMA Male Coupler 3/8" NPTF
<b>A</b> F020195K	41777	HTMA Female Coupler 3/8" NPTF

### SPECIFICATIONS

<b>System</b>	Open-Center
<b>Weight</b>	35 lbs. (16 kg)
<b>Length</b>	24" (604 mm)
<b>Width</b>	16" (412 mm)
<b>Chuck Size</b>	1" x 4-1/4"
<b>Whip Hoses</b>	3/8" NPTF x 12" (305 mm)
<b>Hydraulic Flow</b>	5 - 8 gpm (19 - 30 lpm)
<b>Operating Pressure</b>	1,140 - 1,700 psi (78 - 118 bar)
<b>Maximum Pressure</b>	3,000 psi (207 bar)
<b>Blows Per Minute</b>	2,000 at 7 gpm (25 lpm)



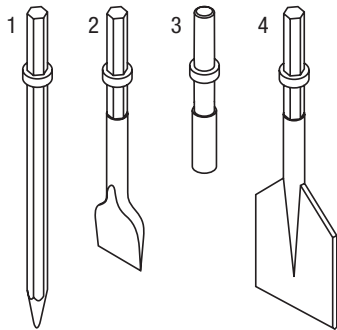
## Breaker – 45 lb. (20.4 kg) and 55 lb. (25.2 kg)



HPB45

- 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 80%-90%.
- Two-step trigger.
- Supplied with 12" (305 mm) steel braided whip hoses.

CAT. NO.	UPC NO.	DESCRIPTION
HPB45-1AVS	02197	Breaker – 1-1/8 x 6" tool shank size, cushioned/spring-dampened handles
HPB45-2AVS	02198	Breaker – 1 x 4-1/4" tool shank size, cushioned/spring-dampened handles
HPB55-1AVS	02201	Breaker – 1-1/8 x 6" tool shank size, cushioned/spring-dampened handles
A F020196K	41778	HTMA Female Coupler - 1/2" NPTF internal thread
A F020197K	41779	HTMA Male Coupler - 1/2" NPTF internal thread



SPECIFICATIONS	HPB45-1AVS 45 LB. (20.4 KG)	HPB45-2AVS 45 LB. (20.4 KG)	HPB55-1AVS 55 LB. (25.2 KG)
<b>Weight</b>	54 lb (24.5 kg)	47 lb (21.3 kg)	56 lb (25.6 kg)
<b>Vibration Level</b>	11.4 m/s <sup>2</sup> / 5.3 m/s <sup>2</sup>	11.4 m/s <sup>2</sup> / 5.3 m/s <sup>2</sup>	9.0 m/s <sup>2</sup>
<b>Sound Power Level</b>	LWA=110 dB	LWA=109 dB	LWA=112 dB
<b>Blow Energy</b>	63 ft-lb (85 Joules)		81 ft-lb (110 Joules)
<b>Blow Frequency</b>	2160/min		1860/min
<b>Oil Flow</b>	5-8 gpm (19-30 lpm)		
<b>Length</b>	28.5" (731 mm)	26.5" (682 mm)	30" (760 mm)
<b>Hydraulic System</b>	Open-Center		
<b>Operating Pressure</b>	1500-1800 PSI (105-125 bar)		
<b>Maximum Pressure</b>	2300 PSI (160 bar)		
<b>Pressure &amp; Return Ports</b>	1/2" BSP		
<b>Whip Hoses</b>	1/2" NPTF x 12" (305 mm)		

## Breaker Tools

1. Moil Point
2. Chisel Bit - 3"
3. Rod Driver Adapter
4. Asphalt Cutter - 5"

CAT. NO.	UPC 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	41610	Moil Point – 7/8" x 3-1/4" (22 mm x 83 mm)	○				
F016770K	41611	Chisel, 3" (76 mm) – 7/8" x 3-1/4" (22 mm x 83 mm)	○				
113509	40349	Threadless Ground Rod Adapter, 1" (25 mm) 7/8" x 3-1/4" (22 mm x 83 mm)	○				
137449	41070	Threadless Ground Rod Adapter, 5/8" (16 mm) 7/8" x 3-1/4" (22 mm x 83 mm)	○				
49138	49138	Moil Point – 1" x 4-1/4" (25 mm x 108 mm)		○		○	
46219	46219	Chisel, 3" (76 mm) – 1" x 4-1/4" x (25 mm x 108 mm)		○		○	
46221	46221	Asphalt Cutter, 5" (127 mm) – 1" x 4-1/4" (25 mm x 108 mm)		○		○	
46222	46222	Threadless Ground Rod Adapter, 5/8" (16 mm) 1" x 4-1/4" (25 mm x 108 mm)		○		○	
46223	46223	Threadless Ground Rod Adapter, 1" (25 mm) 1" x 4-1/4" (25 mm x 108 mm)		○		○	
F018451	41706	Moil Point – 1-1/8" x 6" (29 mm x 152 mm)			○		○
F018452	41707	Chisel – 1-1/8 x 6" x 3" (29 mm x 152 mm x 76 mm)			○		○
F018453	41708	Asphalt Cutter, 5" (127 mm) – 1-1/8 x 6" (29 mm x 152 mm)			○		○

- ◆ - Standard item shipped with product
- - Optional accessory or replacement (must use matching bar and chain)

# DRIVERS, TAMPERS AND PULLERS

## HPD Series Sign Post Driver



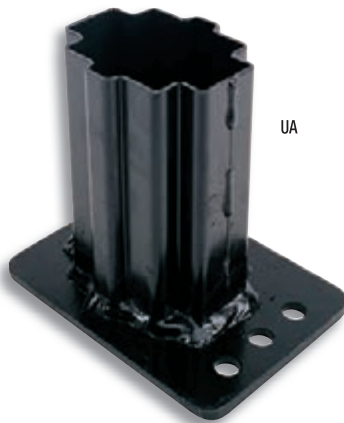
HPD-T

- Can drive a variety of post sizes from small delineator posts 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 ensures that the driver will not jump off of posts.
- Available with integral trigger or remote on/off valve.
- U.S. Patent #6,626,247.

### SPECIFICATIONS

<b>Hydraulic System</b>	Open- and Closed-Center.
<b>Weight w/UA Adapter and Hoses</b>	75 lbs (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>	
<b>Pressure Hose</b>	1/2" NPTF
<b>Return Hose</b>	1/2" NPTF
<b>Valve Connection Port Sizes (HPD-HV)</b>	
<b>On/Off Valve Pressure Port</b>	9/16-18 SAE O-Ring Boss
<b>On/Off Valve Return Port</b>	3/4-16 SAE O-Ring Boss

CAT. NO.	UPC NO.	DESCRIPTION
HPD-T-U	11183	Sign post driver w/integral trigger w/universal post adapter
HPD-HV-U	11186	Sign post driver w/remote on/off valve w/universal post adapter
<b>A</b> UA	49532	Universal post adapter
<b>A</b> RA96	49533	3.8" (96 mm) round post adapter
<b>A</b> SA54	49534	2-1/8" square post adapter
HPD-T-U		
<b>A</b> F020196K	41778	HTMA Female Coupler - 1/2" NPTF internal thread
<b>A</b> F020197K	41779	HTMA Male Coupler - 1/2" NPTF internal thread
<b>R</b> 1803065	10913	12" (305 mm) Hose Assembly
HPD-HV-U		
<b>A</b> 54923	54923	HTMA Female Coupler
<b>A</b> 54924	54924	HTMA Male Coupler
<b>R</b> 1803066	02871	15" (381 mm) Hose Assembly
<b>R</b> 111952	40290	Remote Valve



UA



SA54



RA96

## HRD 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.
- Can be used with Open- and Closed-Center hydraulic systems.
- 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

<b>Hydraulic System</b>	Open- and Closed-Center
<b>Weight</b>	
Power Unit only	45 lbs (20.5 kg)
with Hoses and Control Valve (Included)	53 lbs (24.0 kg)
<b>Length</b>	25-1/2" (654 mm)
<b>Flow Range</b>	5-8 gpm (19-30 lpm)
<b>Blow Energy</b>	63 ft.-lb. (85 joules)
<b>Blows Frequency</b>	1740/min. at 8 gpm (30 lpm)
<b>Maximum Input Pressure</b>	2000 psi (138 bar)
<b>Hose Length</b>	70" (178 cm)
<b>On/Off Valve Pressure Ports</b>	9/16 - 18 SAE O-Ring
<b>On/Off Valve Return Ports</b>	3/4 - 16 SAE O-Ring

CAT. NO.	UPC NO.	DESCRIPTION
HRD-58	11192	Ground Rod Driver 5/8" (16 mm) opening
HRD-1	11193	Ground Rod Driver 1" (25 mm) opening
A 54923	54923	HTMA Male Coupler
A 54924	54924	HTMA Female Coupler
R 02872	02872	70" Hose Assembly
R 111952	40290	Remote Valve

## Pole Tampers

Valve on Tube



Hose End Valve

### Pole Tamper with Valve

- 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.

CAT. NO.	UPC NO.	DESCRIPTION
H4802	42198	60" Pole Tamper, Hose End Valve
H4802-6	42202	60" Pole Tamper, Hose End Valve (unit does not include on/off valve)
H4802-1	42199	85" Pole Tamper, Hose End Valve
H4802-5	42201	60" Pole Tamper, Valve on Tube
H4802-3	42200	72" Pole Tamper, Valve on Tube
A 111964K	40301	Kidney-Shaped Foot
A 54923	54923	HTMA Male Coupler
A 54924	54924	HTMA Female Coupler
A 56295	56295	56" Abrasion Resistant Hose Set w/nylon sleeve and tool end strain reliefs
R 56296	56296	56" Hose Set for Remote Valve Tampers w/tool end strain reliefs
R 111952	40290	Remote Valve

SPECIFICATIONS	H4802	H4802-6	H4802-1	H4802-5	H4802-3
<b>Valve Location</b>		Hose End			On Tube
<b>Length</b>	60" (1.5 m)	60" (1.5 m)	85" (2.2 m)	60" (1.5 m)	72" (1.8 m)
<b>Weight</b>	23 lb. (10.4 kg)	23 lb. (10.4 kg)	28 lb. (12.7 kg)	22 lb. (9.8 kg)	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)				

## 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

<b>System</b>	Open-Center
<b>Lift Capacity</b>	9,800 lb. (4,445 kg)
<b>Stroke</b>	5" (127 mm)
<b>Chain</b>	9/32" (7.1 mm) alloy
<b>Weight</b>	70 lb. (31.8 kg)
<b>Length</b>	10.5" (267 mm)
<b>Width</b>	10" (254 mm)
<b>Height</b>	26" (660 mm) retracted
<b>Flow Range</b>	4 - 6 gpm (15 - 23 lpm)
<b>Operating Pressure</b>	1,000 - 2,000 psi (69 - 138 bar)
<b>Maximum Pressure</b>	2,000 psi (138 bar)
<b>Pressure Port Thread</b>	9/16 - 18 SAE O-Ring
<b>Return Port Thread</b>	3/4 - 16 SAE O-Ring

CAT. NO.	UPC NO.	DESCRIPTION
H4905A	42237	Sign Post Puller
<b>A</b> 54923	54923	HTMA Male Coupler
<b>A</b> 54924	54924	HTMA Female Coupler
<b>R</b> 42014	42014	High-Strength Alloy Chain

## Pole Puller



- Works in confined areas, next to buildings, or out in the open.
- Proof-certified 6' (1.8 m) alloy chains included.

### SPECIFICATIONS

<b>System</b>	Open- and Closed-Center
<b>Lift Capacity</b>	56,000 lb. (25,401 kg) at 2,000 psi (138 bar)
<b>Stroke</b>	16.8" (427 mm)
<b>Chains</b>	5/8" (16 mm) proof-certified alloy
<b>Weight</b>	
Cylinder Only	101 lb. (45.8 kg);
With Base and Chain	178 lb. (80.7 kg)
<b>Height</b>	32" (81.3 cm) retracted
<b>Width</b>	15" (381 mm) with base
<b>Flow Range</b>	4 - 15 gpm (15 - 56 lpm)
<b>Operating Pressure</b>	300 - 2,800 psi (20 - 193 bar)
<b>Pressure Port Thread</b>	1/2" NPTF
<b>Return Port Thread</b>	1/2" NPTF

CAT. NO.	UPC NO.	DESCRIPTION
H4910A	42239	Pole Puller – with 6' (1.8 m) proof-certified alloy chains
<b>A</b> F011243	41351	Nipple 1/2" x 1/2" Male NPTF thread (tool requires two for operation)
<b>A</b> F020196K	41778	HTMA Female Coupler - 1/2" NPTF internal thread
<b>A</b> F020197K	41779	HTMA Male Coupler - 1/2" NPTF internal thread
<b>A</b> 111185	40284	Hose Assembly – 25' (7.62 m) – Includes two wire braid hoses with 1/2" NPTF male fitting both ends
<b>A</b> 49913*	49913*	Control Valve - Open Center
<b>R</b> 125033K	40517	Lower Alloy Chain - Proof Certified
<b>R</b> 111162K	40282	Upper Alloy Chain - Proof Certified

\* Required if power source does not have 4-way valve



# SUBMERSIBLE PUMPS

## 2" (51 mm) 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.

### SPECIFICATIONS

<b>System</b>	Open- and Closed-Center
<b>Capacity</b>	Up to 275 gpm (1,041 lpm) [at 7 gpm (27 lpm) and a 10' (3 m) head height]
<b>Intake Port</b>	1-15/16" (49 mm)
<b>Discharge Port</b>	2" (44 mm) NPT Female
<b>Strainer</b>	2-5/8 x 5-5/8" (67 x 143 mm) – 3/8" (9.5 mm) openings
<b>Weight</b>	9 lb. (4.0 kg)
<b>Height</b>	12.5" (318 mm) over handle
<b>Width</b>	7.5" (190 mm) diameter
<b>Flow Range</b>	5 - 8 gpm (19 - 30 lpm)
<b>Operating Pressure</b>	0 - 2,000 psi (0 - 138 bar)
<b>Pressure Port Thread</b>	9/16 - 18 SAE O-Ring
<b>Return Port Thread</b>	3/4 - 16 SAE O-Ring

CAT. NO.	UPC NO.	DESCRIPTION
CE H4665A	42191	Compact Submersible Pump
A F024772	42104	2" Cam Lock Coupling for Discharge Hose
A 156340	41220	2" Diameter x 25' Discharge Hose Assembly
A 54923	54923	HTMA Male Coupler
A 54924	54924	HTMA Female Coupler

## 2-1/2" (64 mm) Submersible Water Pump



- High impact strainer housing with carrying handle.
- Self-priming.
- Up to 400 gpm (1,514 lpm).
- Can be run dry without damage.
- Can draw water down to depth of 2" (51 mm).

### SPECIFICATIONS

<b>System</b>	Open- and Closed-Center
<b>Capacity</b>	Up to 400 gpm (1,514 lpm) [at 7 gpm (27 lpm) and a 15' (4.5 m) head height]
<b>Intake Port</b>	1-1/2" (38 mm)
<b>Discharge Port</b>	2-1/2" (64 mm) NPT Female
<b>Strainer</b>	7" x 2.5" (178 x 64 mm)
<b>Weight</b>	23.5 lb. (10.6 kg)
<b>Height</b>	16" (406 mm) over handle
<b>Width</b>	12" (305 mm) diameter
<b>Flow Range</b>	4 - 8 gpm (15 - 30 lpm)
<b>Operating Pressure</b>	0 - 2,000 psi (0 - 138 bar)
<b>Pressure Port Thread</b>	1/2" Male NPTF
<b>Return Port Thread</b>	1/2" Male NPTF

CAT. NO.	UPC NO.	DESCRIPTION
CE H4660B	42190	Submersible Pump
A F024775	42105	2.5" Cam Lock Coupling for Discharge Hose
A 156339	41219	2.5" Diameter x 25' Discharge Hose Assembly
A F020196K	41778	HTMA Female Coupler - 1/2" NPTF internal thread
A F020197K	41779	HTMA Male Coupler - 1/2" NPTF internal thread



## 3" (76 mm) Submersible Trash Pump



49499

- Compact, under 12" (300 mm) diameter to easily fits 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.
- Can run dry without damage 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

<b>System</b>	Open- and Closed-Center
<b>Capacity</b>	Up to 500 gpm (1893 lpm) [at 8 gpm (30 lpm) and a 15' (4.5 m) head height]
<b>Intake Port</b>	3.125" (79.4 mm)
<b>Discharge Port</b>	3" (76.2 mm) NPT Female
<b>Trash Diameter</b>	3" (76 mm)
<b>Weight</b>	28 lbs. (11.7 kg)
<b>Height</b>	14.18" (360 mm) over handle
<b>Width</b>	11.87" (301 mm) diameter
<b>Flow Range</b>	7 - 10 gpm (26.5 - 37.9 lpm)
<b>Operating Pressure</b>	0 - 2,000 psi (0 - 138 bar)
<b>Pressure Port Thread</b>	1/2" Male NPTF
<b>Return Port Thread</b>	1/2" Male NPTF

CAT. NO.	UPC NO.	DESCRIPTION
CE H4635	49334	Hydraulic 3" Trash Pump
A 49499	49499	3" Diameter x 25' Discharge Hose Assembly
A F020196K	41778	HTMA Female Coupler - 1/2" NPTF internal thread
A F020197K	41779	HTMA Male Coupler - 1/2" NPTF internal thread

## 4" (102 mm) Submersible Trash Pump



154955

- No clog, self-priming, abrasion resistant impeller pump.
- Up to 900 gpm (3,407 lpm).
- Replaceable wear plates, carry handle and can be run dry without damage.
- 4" NPT discharge – will pass 3" (76 mm) solids.
- Locking coupler for discharge hose included.
- Can draw water down to depth of 3-1/4" (83 mm).

### SPECIFICATIONS

<b>System</b>	Open- and Closed-Center
<b>Capacity</b>	Up to 900 gpm (3,407 lpm) [at 9 gpm (34 lpm) and a 0' (0 m) head height]
<b>Intake Port</b>	4" (102 mm)
<b>Discharge Port</b>	4" (102 mm) NPT Male
<b>Weight</b>	59 lb. (26.7 kg)
<b>Height</b>	15.75" (400 mm)
<b>Width</b>	14.5" (368 mm) diameter
<b>Flow Range</b>	5 - 9 gpm (19 - 34 lpm)
<b>Operating Pressure</b>	0 - 2,000 psi (0 - 138 bar)
<b>Pressure Port Thread</b>	1/2" Male NPTF
<b>Return Port Thread</b>	1/2" Male NPTF

CAT. NO.	UPC NO.	DESCRIPTION
H4670	42192	Submersible Trash Pump
A 154955	41189	4" Diameter x 25' Discharge Hose Assembly
A F020196K	41778	HTMA Female Coupler - 1/2" NPTF internal thread
A F020197K	41779	HTMA Male Coupler - 1/2" NPTF internal thread

# POWER UNITS AND VALVE CONTROLS

## 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) certified as well as compliant with upcoming 2011 EPA emissions standards.
- 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

<b>Horsepower</b>	13 at 3,600 rpm (9.7 kW at 3,600 rpm)
<b>System</b>	Open-Center
<b>Rated Flow</b>	5 - 8 gpm (19 - 30 lpm)
<b>Rated Pressure</b>	2,000 psi (138 bar)
<b>Fuel</b>	Gasoline 1.7 gal (6.5 l)
<b>Hyd Oil Capacity</b>	1.8 gal (7.0 l)
<b>Dry Weight</b>	168 lb (76 kg)
<b>Length</b>	28" (710 mm)
<b>Width</b>	23.5" (597 mm)
<b>Height (handle folded)</b>	25.5" (648 mm)

CAT. NO.	UPC NO.	DESCRIPTION
F13	31378	13 Hp 5-8 gpm Portable Hydraulic Power Unit

## 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 lbs. (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	49550	Hydraulic Flow Control Valve with 54923 and 54925 couplers

Note: We recommend the use of whip hoses and HTMA couplers to connect the HFC30 to your equipment

## 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

<b>Hyd Flow Maximum</b>	10 gpm (37 lpm)
<b>Operating Pressure</b>	2,500 psi (172 bar) max

CAT. NO.	UPC NO.	DESCRIPTION
49913	49913	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.

### SPECIFICATIONS

<b>Hyd Flow Maximum</b>	8 gpm (30 lpm)
<b>Operating Pressure</b>	2,500 psi (172 bar) max
<b>Pressure Ports</b>	9/16–18 SAE O-ring
<b>Return Ports</b>	3/4–16 SAE O-ring

CAT. NO.	UPC NO.	DESCRIPTION
111952	40290	Remote Valve

## Flow Test Kit



- Kit used in testing of hydraulic circuitry.
- Measures backpressure/resistance, flow (gpm and lpm).
- Unit complete with fittings and dust caps.

### SPECIFICATIONS

Type	Hydraulic Circuitry
Capacities	1-10 gpm (37.8 - 3,785 lpm); 0-3,000 psi (0 - 207 bar)

CAT. NO.	UPC NO.	DESCRIPTION
135130	40884	Flow Test Kit



# LOW PRESSURE HOSES AND FITTINGS

## Rubber Low Pressure Hose, Orange, Non-Conductive

135245



- Certified nonconductive orange rubber.
- Double rayon braid.
- Working pressure 2,250 psi (155 bar) tested to 75 kV/ft. for five minutes.

CAT. NO.	UPC NO.	DESCRIPTION
135245	40887	Two 3/8" x 8' (10 mm x 2.4 m) I.D. Hoses with 3/8" NPTF male fittings
135247	40888	Two 3/8" x 10' (10 mm x 3 m) I.D. Hoses with 3/8" NPTF male fittings
154399	41185	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" male NPTF male fitting on the other hose
154400	41186	Two 3/8" x 10' (30 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
 25746	25746	Two 3/8" x 8' (10 mm x 2.4 m) I.D. Hoses with 3/8" NPTF male swivel fittings
 31369	31369	One 3/8" x 8' (10 mm x 2.4 m) I.D. Hose with 3/8" NPTF male fitting x 9/16-18 SAE O-ring swivel fitting and One 3/8" x 8' (10 mm x 2.4 m) I.D. Hose with 3/8" NPTF male fitting x 3/4-16 SAE O-ring swivel fitting

Note: Hose assemblies above do not come with quick-disconnect couplers, they must be ordered separately.



25746 - Swivel Hose



31369 - Swivel Hose



## Rubber Low Pressure Hose, Red, Non-Conductive

130694



- 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	40635	Two 3/8" x 8' (10 mm x 2.4 m) I.D. Hoses with 3/8" NPTF male fittings
130696	40637	Two 3/8" x 10' (10 mm x 3 m) I.D. Hoses with 3/8" NPTF male fittings
104101K2	40164	Two 3/8" x 8' (10 mm x 2.4 m) I.D. Hoses with 3/8" (10 mm) NPTF male fitting on one hose and 1/2" NPTF male fitting on the other hose
104102K2	40165	Two 3/8" x 10' (10 mm x 3 m) I.D. Hoses with 3/8" (10 mm) 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.

## Polyurethane Low Pressure Hose, Orange, Non-Conductive

108271



- 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	40250	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	43036	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.

## 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	40284	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.

## 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).

### SPECIFICATIONS

Length 8" (203 mm)

CAT. NO.	UPC NO.	DESCRIPTION
101243	40111	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.

CAT. NO.	UPC NO.	DESCRIPTION
F020195K	41777	HTMA Female Coupler – 3/8" NPTF internal thread
F020196K	41778	HTMA Female Coupler – 1/2" NPTF internal thread
F020198K	41780	HTMA Male Coupler – 3/8" NPTF internal thread
F020197K	41779	HTMA Male Coupler – 1/2" NPTF internal thread
54922	54922	HTMA Male Coupler – 9/16 - 18 SAE O-Ring external thread
54923	54923	HTMA Male Coupler – 3/4 - 16 SAE O-Ring external thread
54924	54924	HTMA Female Coupler – 9/16 - 18 SAE O-Ring external thread
54925	54925	HTMA Female Coupler – 3/4 - 16 SAE O-Ring external thread
F021406	41834	Dust Cap

## Male Adapters for tools having SAE O-Ring Thread



CAT. NO.	UPC NO.	DESCRIPTION
F017347	42952	Adapter 9/16 - 18 SAE O-Ring x 3/8" NPTF
F017348	41638	Adapter 3/4 - 16 SAE O-Ring x 3/8" NPTF
F020754	41799	Adapter 3/4 - 16 SAE O-Ring x 1/2" NPTF

## Male Adapters for tools having 3/8" NPTF or 1/2" NPTF Ports



CAT. NO.	UPC NO.	DESCRIPTION
F011604	41364	Nipple 3/8" x 3/8" male NPTF thread
F011243	41351	Nipple 1/2" x 1/2" male NPTF thread
F013455	41419	Nipple 3/8" x 1/2" male NPTF thread

## Female Adapters



CAT. NO.	UPC NO.	DESCRIPTION
093214	40081	Adapter 3/8" NPTF female x 9/16 - 18 SAE O-Ring
093215	40082	Adapter 1/2" NPTF female x 3/4 - 16 SAE O-Ring

## Swivel Adapters



- Hose assemblies can be applied directly to the tool without the use of body assemblies or nose pieces, eliminating the quick-disconnect feature by ordering one each.

CAT. NO.	UPC NO.	DESCRIPTION
F016775	41615	Adapter 3/8" NPSM x 9/16 - 18 SAE O-ring external thread
F017904	41661	Adapter 1/2" NPSM x 3/4 - 16 SAE O-ring external thread
F016776	43270	Adapter 3/8" NPSM x 3/4 - 16 SAE O-ring external thread

## GLOSSARY OF HYDRAULIC TERMS

**Accumulator:** A container in which fluid is stored under pressure; it functions as source of fluid power, and can also absorb or cushion pressure surges in the hydraulic system.

**Backpressure:** Pressure that works against the flow of hydraulic fluid through a hydraulic system.

**Bar:** A metric unit of pressure; equal to approximately 14.5 psi.

**Body Piece:** The female fitting of a quick-connect coupler group. See Nose Piece.

**Cavitation:** A condition in which the hydraulic pump is unable to draw fluid.

**Closed-Center:** A constant-pressure hydraulic system or tool; the pump output is not unloaded to the reservoir when the tool is in the neutral position, and the pressure at the pump outlet is maintained at the maximum pressure control setting. See Open-Center.

**Cooler:** A heat exchanger; used to remove heat from the hydraulic fluid.

**Coupler:** Any device used to connect hydraulic components together; same as Fitting.

**Directional Spool:** A valve which directs the flow of hydraulic fluid to a particular channel or passageway.

**Double-Acting:** A hydraulic cylinder or tool that allows fluid force in two directions; see Single-Acting.

**Fitting:** Any device used to connect hydraulic components together; same as Coupler.

**Flow:** The movement of hydraulic fluid, caused by a difference in pressure between two points; measured in a quantity per unit of time, such as gpm (gallons per minute) or lpm (liters per minute).

**Flow Control Valve:** A valve which controls the rate of fluid flow.

**Four-Port Valve:** A directional control valve with four flow paths; see Two-Port Valve.

**gpm:** Gallons per minute; a measure of hydraulic fluid flow. See Flow.

**Head:** The height of a column of fluid above a particular point, measured in linear units; pressure is equal to the height multiplied by the density of the fluid.

**High Pressure:** 207 Bar (3000 psi) or more of hydraulic pressure; see Low Pressure.

**Horsepower:** The amount of power required to lift 550 pounds one foot in one second; one horsepower is equivalent to 746 watts or 42.4 BTU (British Thermal Units) per minute. Abbreviated hp.

**HTMA:** The Hydraulic Tool Manufacturers Association; a group of manufacturers of hand-held hydraulic tools.

**Hydraulic Fluid:** A liquid that is specially compounded for transmitting power in a hydraulic system.

**Hydraulic Motor:** A device which converts hydraulic fluid power to mechanical force and motion; see Pump.

**Intensifier:** A device which takes a low-pressure hydraulic input and provides a high-pressure hydraulic output. See Low Pressure and High Pressure.

**Low Pressure:** 172 Bar (2500 psi) or less of hydraulic pressure; see High Pressure.

**lpm:** Liters per minute; a measure of hydraulic fluid flow. See Flow.

**Micron:** One millionth of a meter; approximately 0.00004 in.

**Nose Piece:** The male fitting of a quick-connect coupler group. See Body Piece.

**Open-Center:** A constant-flow hydraulic system or tool; the pump output is unloaded to the reservoir when the tool is in the neutral position, and the flow rate at the pump outlet is maintained at the maximum flow control setting. See Closed-Center.

**Port:** An internal or external opening or passage of a component or tool.

**Power Source:** A hydraulic unit (consisting of a pump, reservoir, oil cooler, etc., powered by an engine or electric motor) that provides hydraulic flow and pressure to transmit power.

**Pressure:** Force exerted against an area; measured in pounds per square inch or bar.

**Pressure Hose:** The hose that carries hydraulic fluid from the pump to the tool.

**PSI:** Pounds per square inch; a measure of hydraulic pressure. See Pressure.

**Pump:** A device which converts mechanical force and motion to hydraulic fluid power; see Hydraulic Motor.

**Reciprocation:** Back-and-forth straight line motion or oscillation.

**Relief Valve:** A pressure-operated valve that protects the hydraulic system; it prevents the system pressure from exceeding a predetermined setting or maximum value by directing the pump output to go to the reservoir.

**Reservoir:** A container that stores liquid in a fluid power system; same as Sump or Tank.

**Return Hose:** The hose that carries exhausted hydraulic fluid from the tool back to the tank.

**SAE:** Society of Automotive Engineers, an international engineering organization.

**Selector:** A valve which allows or prevents the flow of hydraulic fluid; also can control the direction of fluid flow.

**Single-Acting:** A hydraulic cylinder or tool that allows fluid force in one direction only, with an internal spring or gravity-assisted return; see Double-Acting.

**Sump:** Same as Reservoir or Tank.

**Surge:** A momentary increase in system pressure or flow.

**Tank:** Same as Reservoir or Sump.

**Torque:** Rotational force; the twisting effort of a fluid motor, expressed as a product of distance multiplied by force (such as inch-pounds or Newton-meters).

**Two-Port Valve:** A directional control valve with two flow paths; see Four-Port Valve.

**Valve:** A device which controls the direction, pressure, and flow rate of hydraulic fluid.

**Viscosity:** A measure of the internal friction of a fluid, or the resistance of a fluid to flow; measured in S.U.S. (Saybolt Universal Seconds) or centistokes.



# SAFETY FIRST



The following are reminders and not intended to replace reading instruction manuals and other safety information.

- Observe all Safety Precautions included in the Operator's, Service, and Parts Manual shipped with each product.
- For your personal safety read and understand all instructions and warnings before using a product.
- Inspect tools, equipment, and other products before using; replace damaged, missing, or worn parts with genuine Greenlee or Greenlee Utility replacement parts.
- Make sure all hydraulic connections are clean and tight. Replace damaged or worn hoses before using.
- Do not overreach when operating tool. Always keep proper footing and balance.
- Use with specified hydraulic power unit only.
- Use all appropriate and applicable personal safety equipment as required, such as: safety shoes, hard hat, safety glasses or face shield, etc.

All company names referred to in this catalog are owned by each company.

# CABLE FEEDERS

## Ultra Cable Feeder™



### Productive

- One person set-up & operation.

### Heavy Duty



- Accommodates cable ranging in size up to 3.5" (88.9 mm) in diameter.

### Versatile

- 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 & 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 lbs. (.9 kN) All Cables: 800 lbs. (3.5 kN)								
<b>Cable Capacity</b>	<table border="1"> <thead> <tr> <th>Quantity</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>8 x</td> <td>250 MCM (120 mm<sup>2</sup>)</td> </tr> <tr> <td>6 x</td> <td>500 MCM (240 mm<sup>2</sup>)</td> </tr> <tr> <td>5 x</td> <td>750 MCM (300 mm<sup>2</sup>)</td> </tr> </tbody> </table>	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> )
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 lbs. total (11,300 kg)								
<b>Size</b>	41" long x 27.5" wide x 37.5" high (1040 mm x 699 mm x 953 mm)								
<b>Weight</b>	285 lbs. (130 kg)								
<b>Tire Pressure</b>	50psi (2.4 bar)								

CAT. NO.	UPC NO.	DESCRIPTION
6810	05564	Ultra Cable Feeder with Hand Switch 120V
 6810-22	12293	Ultra Cable Feeder with Hand Switch 220V
 05645	05645	Tee (included)

# CABLE PULLERS

## Cable Puller Selection Guide

CAT. NO.	DESCRIPTION	PAGE NO.	PULLING FORCE			SPEED							POWER	REQUIRED ROPE
			CONTINUOUS	MAXIMUM	WEIGHT	NO LOAD	500 LBS	2000 LBS	4000 LBS	5000 LBS	6000 LBS	8000 LBS		
UT10-2S	Ultra Tugger® 10 (UT10) Cable Puller	88	6500 lbs.	10000 lbs.	86 lbs.	16 fpm		14.0 fpm	12.0 fpm		7.0 fpm	6.0 fpm	1-1/2 HP electric	7/8" double braid
6001	Super Tugger® Power Cable Puller	91	4500 lbs.	6500 lbs.	108 lbs.	16.5 fpm		11.0 fpm	7.5 fpm	6.0 fpm			1-1/2 HP electric	3/4" double braid
UT4	Ultra Tugger® 4 Power Cable Puller	92	3000 lbs.	4000 lbs.	175 lbs.	26/13 fpm		20.0 fpm	10.0 fpm				1-1/4 HP electric	9/16" double braid
G3	G3 Tugger™ Cable Puller	93	1200 lbs.	2000 lbs.	123 lbs.	97 fpm	59 fpm	13 fpm					1 HP electric	9/16" double braid

† - 766 comes with 200 ft. of aircraft-type steel swaged cable.





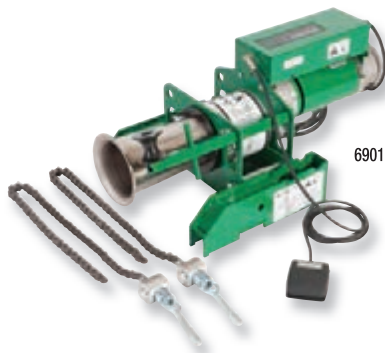
# Ultra Tugger® 10 (UT10) Cable Puller: 10,000 lb. (44.5kN) rated



6906



6900



6901

## Speed

- 2-Speed gear-motor enable 20% faster pulling time.
- Shift from high-speed/low-load pulling to low-speed/high-load pulling with a simple double-tap motion on the foot-pedal.

## Versatile

- Available with Mobile VersiBoom™ for less than 2 minute, one person set-up, & 20' tall.
- Available with floor mount & chain mount for tighter spaces.

## Heavy Duty

- Customized gear motor specifically for heavy-duty cable pulling application and meet UL & cUL safety requirements.

### SPECIFICATIONS

<b>Pulling Force</b>	Maximum: 10,000 lbs. (44.48 kN) Continuous: 6,500 lbs. (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 lbs. (39 kg) (08000 only)
<b>Pulling Speed – Feet (Meters) Per Minute</b>	No Load: 16 fpm/min (4.88 mpm) At 2000 lbs. (0.9 kN): 14 fpm (4.27 mpm) At 4000 lbs. (1.8 kN): 12 fpm (3.66 mpm) At 6000 lbs. (2.7 kN): 7 fpm (2.13 mpm) At 8000 lbs. (3.6 kN): 6 fpm (1.8 mpm)
<b>Drive Motor Power</b>	1-1/2 HP (1.1 kW) UT10-25, UT10-22, 6900, 6900-22, 6901,
<b>Requirements</b>	6901-22, 6906, 6906-22
<b>Required Rope</b>	7/8" diameter (22.2 mm); Double-Braided Polyester Composite – Rated at 32,000 lbs. (142 kN) minimum breaking strength

CAT. NO.	UPC NO.	DESCRIPTION
6900	00357	UT10-2S Package with Floor mount
6900-22	00814	UT10-22 (220 V) Package with Floor mount
6901	00358	UT10-2S Package with Chain mount
6901-22	00813	UT10-22 (220 V) Package with Chain mount
6906	00359	UT10-2S Package with Mobile VersiBoom™ II
6906-22	00812	UT10-22 (220 V) Package with Mobile VersiBoom™ II
UT10-2S	05528	Puller Assembly
UT10-22	00829	(220 V) Puller Assembly
00967	00967	Deluxe Force Gauge
34136	34136	7/8"(22.2m) Double braided composite rope – 300'
34137	34137	7/8"(22.2m) Double braided composite rope – 600'
34138	34138	7/8"(22.2m) Double braided composite rope – 1,200'

Rope is a very critical link in the cable pulling system. See page 99 for proper pulling rope selection.

CAT. NO.	UPC NO.	DESCRIPTION	6900	6901	6906
UT10-2S	05528	Puller Assembly (UT10)	x	x	x
00865	00865	Mount Assy-Floor	x		
02846	02846	Chain Mount Ass'y-Pkgd		x	
MVB	00553	Mobile Versi Boom			x



A PRODUCT VIDEO IS AVAILABLE. SCAN THIS QR CODE OR VISIT:  
[www.youtube.com/GreenleeDEMO](http://www.youtube.com/GreenleeDEMO)





## Mobile VersiBoom™ II

**NEW**  
PRODUCT



Mobile VersiBoom™ II shown with Ultra Tugger® 10, sold separately.

### 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

<b>Weight</b>	322 lbs. (146.06 kg)
<b>Length</b>	47" (1193.8mm)
<b>Width</b>	42" (1066.8 mm)
<b>Height</b>	48" (1219.19 mm)

CAT. NO.	UPC NO.	DESCRIPTION
MVB	00553	Mobile VersiBoom™ II
00560	00560	4' boom
00561	00561	3' Boom
00562	00562	Elbow/Nose Assembly
00564	00564	2-1/2" Adapter
00565	00565	3" Adapter
00567	00567	4" Adapter
00588	00588	Short Hanger
00589	00589	Long Hanger

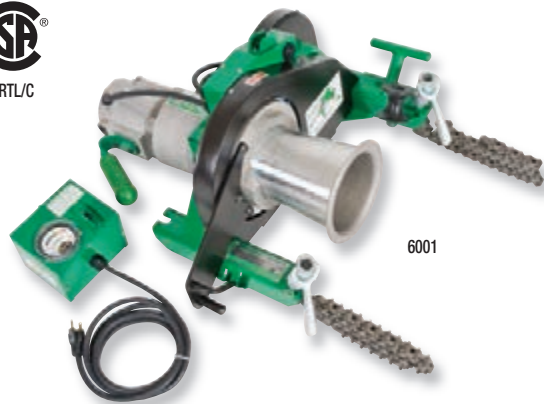
## Mobile VersiBoom™ II Components/Accessories



CAT. NO.	UPC NO.	DESCRIPTION	SHIPS WITH MVB II
<b>A</b> 00471	00471	Coupling Hanger Kit	
<b>A</b> 00563	00563	Adapter Weldment, 2" (UT8)	
<b>R</b> 00564	00564	Adapter Weldment, 2-1/2"	✓
<b>R</b> 00565	00565	Adapter Weldment, 3" (UT8)	✓
<b>A</b> 00566	00566	Adapter Weldment, 3-1/2"	
<b>R</b> 00567	00567	Adapter Weldment, 4" (UT8)	✓
<b>A</b> 00583	00583	Adapter Assembly, 2" Screw-On	
<b>A</b> 00584	00584	Adapter Assembly, 2-1/2" Screw-On	
<b>A</b> 00585	00585	Adapter Assembly, 3" Screw-On	
<b>A</b> 00586	00586	Adapter Assembly, 3-1/2" Screw-On	
<b>A</b> 00587	00587	Adapter Assembly, 4" Screw-On	
<b>R</b> 00588	00588	Hanger Weldment, Short	✓
<b>R</b> 00589	00589	Hanger Weldment, Long	✓
<b>A</b> 00590	00590	Screw On Coupling Kit	
<b>A</b> 00610	00610	Adapter Weldment, 5" (UT8)	
<b>R</b> 00561	00561	3' Boom	✓
<b>R</b> 00560	00560	4' Boom	✓

Rope is a very critical link in the cable pulling system. See page 99 for proper pulling rope selection.

## Super Tugger® Cable Puller: 6500 lb. (28.9 kN) rated



6001



6005



6004

- Pull up to 6,500 lbs. (28.9 kN) with less than 27 lbs. (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.
- Patented.

### SPECIFICATIONS

<b>Pulling Force</b>	Maximum: 6,500 lbs. (28.9 kN) Continuous: 4,500 lbs. (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 lbs. (49 kg) 6003: 454 lbs. (206 kg) 6000, 6000-22: 550 lbs. (250 kg) 6006, 6006-22: 612 lbs. (278 kg)
<b>Pulling Speed – Feet (Meters) Per Minute</b>	No Load: 16.5 (5) At 2000 lbs.: (8.8 kN) – 11 (3.4) At 4000 lbs.: (17.9 kN) – 7.5 (2.3) At 6000 lbs.: (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 lbs. (115.6 kN)

	CAT. NO.	UPC NO.	DESCRIPTION
	6001	29627	Super Tugger Cable Puller Power Unit, Includes force gauge and vise chains
	6001-22	31466	Same as 6001 except 220 VAC 50 HZ
	6004	56358	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	56359	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
	35098	35098	Double-Braided Composite Rope 3/4" x 300' (19.1 mm x 91 m)
	35100	35100	Double-Braided Composite Rope 3/4" x 600' (19.1 mm x 182 m)
	35101	35101	Double-Braided Composite Rope 3/4" x 1,200' (19.1 mm x 365 m)
	3048	23362	Storage Box (See page 410)
	11147	11147	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
	3048	23362	Storage Box

Rope is a very critical link in the cable pulling system. See page 99 for proper pulling rope selection.

## 11147 Ultra Tugger® 6001 Adapter Package



- Adapt 6001 Super Tugger to Ultra Tugger 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.

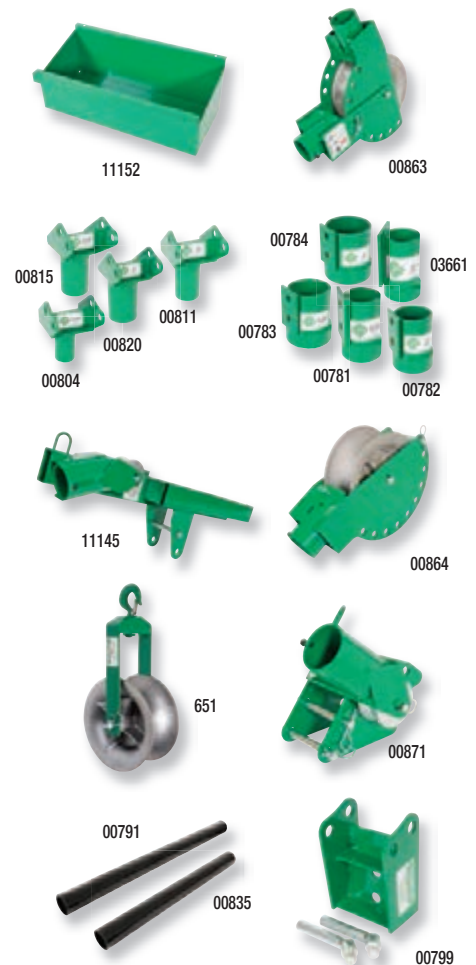
### SPECIFICATIONS

<b>Weight</b>	198 lbs. (90 kg)
<b>Length</b>	91-1/2" (232 cm)
<b>Width</b>	27" (69 cm)
<b>Height</b>	38-1/2" (98 cm)
<b>Use With</b>	Greenlee 6001 Cable Pullers
<b>Load Rating</b>	6500 lbs. (28.9 kN)

CAT. NO.	UPC NO.	DESCRIPTION
11147	11147	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

## Package Components

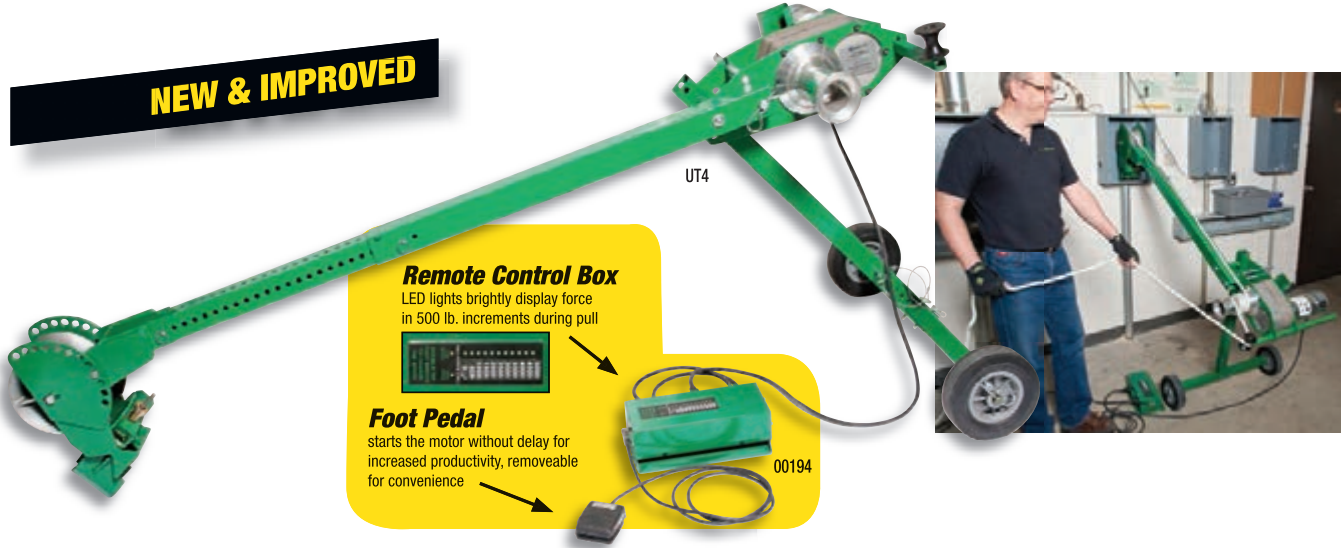
CAT. NO.	UPC NO.	DESCRIPTION	SUPER TUGGER - 6,500 LB			
			110 VAC		220 VAC	
			6001	6004	6005	6001-22
6001	29627	Cable Puller w/Force Gauge 120 VAC, 60 Hz	✓	✓	✓	
6001-22	31466	Cable Puller w/Force Gauge 220 VAC, 50 Hz				✓
6037	35605	Floor Mount		✓	✓	
29631	29631	Vise Chains	✓	✓	✓	✓
11230	11230	Wheeled Carriage		✓	✓	
11145	11145	Boom Mount		✓	✓	
00791	00791	4' (1.2 m) Boom Tube		✓	✓	
00864	00864	Nose Unit		✓	✓	
00863	00863	Elbow Unit			✓	
00835	00835	3' (.9 m) Boom Tube			✓	
03661	03661	2" Screw-On Coupling				
00781	00781	2-1/2" Screw-On Coupling		✓	✓	
00782	00782	3" Screw-On Coupling		✓	✓	
00783	00783	3-1/2" Screw-On Coupling		✓	✓	
00784	00784	4" Screw-On Coupling		✓	✓	
00799	00799	Adapter for Screw-On Coupling		✓	✓	
00804	00804	2-1/2" Slip-In Coupling		✓	✓	
00811	00811	3" Slip-In Coupling		✓	✓	
00815	00815	3-1/2" Slip-In Coupling		✓	✓	
00820	00820	4" Slip-In Coupling		✓	✓	
11152	11152	Storage Trays (2)		✓	✓	
651	15325	12" Hook Sheave				



Rope is a very critical link in the cable pulling system. See page 99 for proper pulling rope selection.



# Ultra Tugger® 4 (UT4) Cable Puller: 4,000 lb. (22.2kN) Rated



Connect for an upward pull



Connect for an downward pull



Connect at floor height



Optional 12' boom extension for high pulls



Optional floor mount

## Speed

- 2 speed gear-box can pull 20 fpm at 2000 lbs. and 10 fpm on low speed at 4000 lbs.

## Versatile

- Available with floor mount option for use in tight spaces.
- Boom extends to 8'. A 12' boom extension accessory is available.

## Quick Set-up

- Quick latch system attaches to the outside of threaded and unthreaded conduit without need for adapters.

## SPECIFICATIONS

<b>Maximum Pulling Force</b>	High Speed 2,000 lbs. (909 kg) Low Speed 4,000 lbs. (1,818 kg)
<b>Continuous Pulling Force:</b>	Low Speed 3,000 lbs. (1,364 kg)
<b>High Pulling Speeds:</b>	No Load 26 fpm (8 mpm) 2,000 lbs. (909 kg) 20 fpm (6 mpm)
<b>Low Pulling Speeds:</b>	No Load 13 fpm (4 mpm) 2,000 lbs. (909 kg) 10 fpm (3 mpm)
<b>*Pulling Rope:</b>	9/16" diameter double braided composite (16,000 lbs. minimum breaking strength)
<b>Conduit Size:</b>	2" to 4"
<b>Weight:</b>	175 lbs. (80kg)
<b>Drive Motor:</b>	1-1/4 hp, 120 VAC, 60 Hz
<b>Electrical Plug:</b>	120 V, 15 Amp
<b>Force Gauge:</b>	Standard
<b>Foot Switch:</b>	Standard
<b>Standard Boom Extension:</b>	8' (2.4 m) maximum
<b>Optional Long Boom Extension:</b>	12' (3.6 m) maximum
<b>Pulling Capability:</b>	3 x 750 kmil cable 600' with 2 x 90° bends 4 x 350 kmil cable 400' with 4 x 90° bends 3 x 500 kmil cable 400' with 3 x 90° bends

\* Greenlee recommends that only low stretch double braided composite rope be used with the UT4. High stretch ropes can release large amounts of energy should they break during use.

CAT. NO.	UPC NO.	DESCRIPTION
UT4	21552	4,000 lb. Cable Puller
UT4F	00154	UT4 Puller Package with Floor Mount
UT4-22	00644	4,000 lb. Cable Puller - 220 Volt
UT4F-22	00884	UT4 Puller Package with Floor Mount - 220 Volt
A 10014	10014	Floor Mount for UT4 Cable Puller
A 10015	10015	12' Long Extension Boom for UT4 Cable Puller
A 35283	35283	Double-Braided Composite Rope 9/16" x 300' (14.3 mm x 91 m)
A 35284	35284	Double-Braided Composite Rope 9/16" x 600' (14.3 x 182 m)
A 35285	35285	Double-Braided Composite Rope 9/16" x 1,200 (14.3 mm x 365 m)
A 3048	23362	Storage Box
A 2142	31651	Storage Box (requires boom to be removed from puller)
00149	00149	UT-4 Nose Retrofit Kit
00194	00194	UT-4 Control Box Retrofit Kit

Rope is a very critical link in the cable pulling system. See page 99 for proper pulling rope selection.

## G3 Tugger™ 2 Cable Puller



- Clamp easily adjusts for different sizes of conduit.
- Right angle sheave safely keeps operators out of direct line of pulls.
- Portable handle and wheels for increased mobility around jobsites.
- Change tail length, pull direction, and angle of pull with ease.
- Can hook on the back of a truck hitch.
- Customized motor with circuit breaker specifically designed for cable pulling.

### SPECIFICATIONS

<b>Pulling Force</b>	Continuous rating	1,200 lbs.
	Intermittant rating	2,000 lbs.
<b>Drive Motor</b>	120 VAC, 50/60 Hz, 12 Amps	
<b>Weight</b>	123 lbs.	
<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	
<b>Pulling Rope</b>	No Load:	41 ft/min
	1,000 lb. Load (455 kg)	21 ft/min
	2,000 lb. Load (909 kg)	13 ft/min
	1/2" polyester (10,000 lb. minimum breaking strength) *Greenlee recommends that only low stretch polyester rope be used with the G3. High stretch ropes can release large amounts of energy should they break during use.	
<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	

CAT. NO.	UPC NO.	DESCRIPTION
G3	00905	G3 Tugger™



Rope is a very critical link in the cable pulling system. See page 99 for proper pulling rope selection.



# TUGGER ACCESSORIES

## Deluxe Force Gauge



- Measures tension on the rope, to an accuracy of  $\pm 5\%$ .
- Accuracy is not affected by initial rope size, or the change in rope size as it is loaded.
- 0-10 VDC Analog output to optional strip chart recorder for permanent record of pulling force.
- Switchable 120VAC receptacle for chart recorder.
- Use with pulling rope up to 7/8" diameter (22.2 mm) maximum. Also use with Kevlar® tape.

### SPECIFICATIONS

**Deluxe Force Gauge** Accuracy  $\pm 5\%$

- Use with any puller that uses Versi-Boom system.  
Including : 6005, 6004, 645 and 643

CAT. NO.	UPC NO.	DESCRIPTION
00967	00967	Deluxe Force Gauge
A 33901	33901	Strip Chart Recorder
R 22410	22410	Fan Fold Chart Paper- 15 pack
R 22451	22451	Recorder Pens- 5 pack

## Cable Pull Force Estimator

**NEW PRODUCT**



- Calculates estimated cable pulling force requirements based on user inputs
- Simple to follow instructions included on the calculator
- Consists of an Excel based calculator that can be used either from the supplied CD or downloaded.
- Works with Windows 7, Vista, XP and Mac OS.

CAT. NO.	UPC NO.	DESCRIPTION
PF8	20956	Cable Pull Force Estimator* (CD-ROM)

\*Microsoft® Excel Required

## Foot Switch for Cable Pullers

**NEW PRODUCT**



- Use with UT2, 640, 6001, 6500 or 6800 cable pullers to add foot control.
- Foot pressure required to operate.

### SPECIFICATIONS

<b>Power Source</b>	120 VAC
<b>Weight</b>	3.5 lbs. (1.6 kg)

CAT. NO.	UPC NO.	DESCRIPTION
444	01874	Foot Switch

# PULLING ACCESSORIES

## Hook Sheaves - 8,000lb 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	50700	50700	50700	50700	50700
Sheave Pin	00838	00838	00838	00838	00838	00838
Sheave Pin Clip	50302	50302	50302	50302	50302	50302
Sheave Unit	00843	00843	00843	00843	00843	00843
Yoke Frame	00854	00854	00855	00855	00856	00856

### SPECIFICATIONS

CAT. NO.	UPC NO.	OUTSIDE DIAMETER	INSIDE RADIUS	WIDTH	WEIGHT	MAXIMUM RATED CAPACITY
8012	00872	12" (304.8 mm)	3-7/8" (98.4 mm)	5" (127 mm)	28 lbs (12.7 kg)	8,000 lbs. (35.8 kN)
8018	00873	18" (457.2 mm)	7" (177.8 mm)	6" (152.4 mm)	44 lbs (19.9 kg)	8,000 lbs. (35.8 kN)
8024	00874	24" (609.6 mm)	9-7/8" (250.8 mm)	6-1/2" (165.1 mm)	67 lbs (30.3 kg)	8,000 lbs. (35.8 kN)

## Hook-Type Sheaves - 4,000lb 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.
- Select a sheave with a maximum rated capacity that meets or exceeds the cable puller's maximum pulling force.

CAT. NO.	UPC NO.	DESCRIPTION
650	15324	6" (152.4 mm) dia. Hook Sheave with 1-1/2" (38.1 mm) min. radius
651	15325	12" (304.8 mm) dia. Hook Sheave with 3-5/16" (84.1 mm) min. radius
652	15326	18" (457.2 mm) dia. Hook Sheave with 7" (177.8 mm) min. radius
653	15327	24" (609.6 mm) dia. Hook Sheave with 9-13/16" (249.2 mm) min. radius

### SPECIFICATIONS

Maximum Rated Capacity	4,000 lbs. (17.8 kN)
Weight	650 - 8.8 lbs. (4 kg)
	651 - 15 lbs. (6.8 kg)
	652 - 25 lbs. (11.3 kg)
	653 - 35 lbs. (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	16797	16797	16797	16797	16797	16797	16797
Sheave Pin Clip (2)	50302	50302	50302	50302	50302	50302	50302	50302
Sheave	15362	15362	15358	15358	15363	15363	15364	15364
Sheave Bushing (2)	16798	16798	16798	16798	16798	16798	16798	16798
Yoke Frame	16799	16799	16800	16800	16801	16801	16802	16802

## Right-Angle Twin Yoke Sheave - 4,000lb 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 whose maximum pulling force is 4,000 lbs. (17.8 kN) or less.

CAT. NO.	UPC NO.	DESCRIPTION
639	17265	Right Angle Twin Yoke Sheave with 9-13/16" (249 mm) min. radius

### SPECIFICATIONS

Maximum Rated Capacity	4,000 lbs. (17.8 kN)
Weight	45 lbs. (20.4 kg)

SHEAVE	6036		
DESCRIPTION	CAT. NO.	UPC NO.	QUANTITY
Sheave Pin	17266	17266	1
Sheave Pin Clip	50302	50302	2
Sheave	15364	15364	1
Sheave Bushing	16798	16798	2
Yoke Frame	17299	17299	2

## Conveyor Sheaves - 4,000lb Capacity



- Welded steel 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 whose maximum pulling force is 4,000 lbs. (17.8 kN) or less.

### SPECIFICATIONS

Maximum Pulling Force	4,000 lbs. (17.8 kN)
Weight	4024 - 54 lbs. (24.5 kg) 4036 - 60 lbs. (27 kg) 4048 - 83 lbs. (38 kg)

CAT. NO.	UPC NO.	DESCRIPTION
4024	26368	24" (609.6 mm) Conveyor Sheave with 6 sheave wheels
4036	26369	36" (914.4 mm) Conveyor Sheave with 8 sheave wheels
4048	26370	48" (1219 mm) Conveyor Sheave with 10 sheave wheels
<b>R</b> 19185	19185	Yoke frame
<b>R</b> 15362	15362	Sheave w/bearings
<b>R</b> 19186	19186	Sheave Pin
<b>R</b> 50302	50302	Sheave Pin Clip (2)
<b>R</b> 31573	31573	Sheave Pin

## Triple Sheave Cable Guide - 6,500lb 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 whose maximum pulling force is 6,500 lbs. (28.9 kN) or less.

SHEAVE DESCRIPTION	6036		
	CAT. NO.	UPC NO.	QUANTITY
Sheave Axle	31573	31573	3
Sheave Bolt Washer	51434	51434	6
Sheave Pin	29600	29600	1
Sheave Pin Clip	50302	50302	2
Sheave Bushing	16798	16798	6
Sheave	15362	15362	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.

### SPECIFICATIONS

Maximum Rated Capacity	6,500 lbs. (28.9 kN)
Weight	28 lbs. (12.7 kg)

CAT. NO.	UPC NO.	DESCRIPTION
6036	31569	Triple Sheave Cable Guide

## 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).

### SPECIFICATIONS

Rated Capacity See Capacity Table Below for details.

Weight	Width of Shaft Opening
441-2 – 9 lbs. (4.5 kg)	441-2 – 1.24"
441-2-1/2 – 11 lbs. (5 kg)	441-2-1/2 – 1.37"
441-3 – 14 lbs. (6.4 kg)	441-3 – 1.79"
441-3-1/2 – 17 lbs. (7.7 kg)	441-3-1/2 – 1.75"
441-4 – 19 lbs. (8.6 kg)	441-4 – 1.99"
441-5 – 26 lbs. (11.8 kg)	441-5 – 2.23"
441-6 – 28 lbs. (12.7 kg)	441-6 – 2.75"

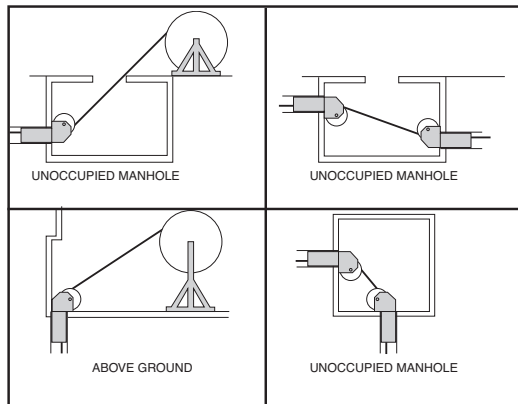
CAT. NO.	UPC NO.	DESCRIPTION
441-2	30183	Feeding Sheave for 2" conduit
441-2-1/2	30358	Feeding Sheave for 2-1/2" conduit
441-3	30188	Feeding Sheave for 3" conduit
441-3-1/2	30363	Feeding Sheave for 3-1/2" conduit
441-4	30347	Feeding Sheave for 4" conduit
441-5	30193	Feeding Sheave for 5" conduit
441-6	13460	Feeding Sheave for 6" conduit



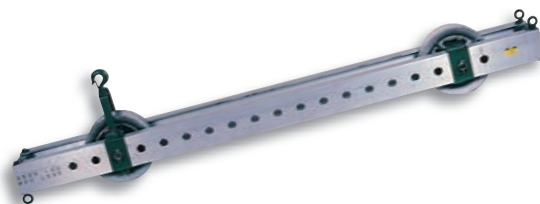
SHEAVE DIAMETER DESCRIPTION	441-2		441-2-1/2		441-3		441-3-1/2		441-4		441-5	
	2" CONDUIT		2-1/2" CONDUIT		3" CONDUIT		3-1/2" CONDUIT		4" CONDUIT		5" CONDUIT	
	CAT. NO.	UPC NO.	CAT. NO.	UPC NO.	CAT. NO.	UPC NO.	CAT. NO.	UPC NO.	CAT. NO.	UPC NO.	CAT. NO.	UPC NO.
Sheave Pin	25160	25160	25160	25160	25160	25160	25160	25160	25160	25160	25160	25160
Sheave Pin Clip (2)	50302	50302	50302	50302	50302	50302	50302	50302	50302	50302	50302	50302
Sheave	15362	15362	15362	15362	15362	15362	15362	15362	15362	15362	15362	15362

### CAPACITY TABLE

ANGLE OF PULL	CAPACITY					
	441-2	441-2-1/2	441-3	441-3-1/2	441-4	441-5
15°	1750 lbs. 7.7 kN	1900 lbs. 8.4 kN	6050 lbs. 26.9 kN	6500 lbs. 28.9 kN	6500 lbs. 28.9 kN	6500 lbs. 28.9 kN
30°	900 lbs. 4.0 kN	1000 lbs. 4.4 kN	3150 lbs. 14.0 kN	5050 lbs. 22.4 kN	6500 lbs. 28.9 kN	6500 lbs. 28.9 kN
45°	650 lbs. 2.8 kN	700 lbs. 3.1 kN	2200 lbs. 9.7 kN	3550 lbs. 15.7 kN	5200 lbs. 23.1 kN	6500 lbs. 28.9 kN
60°	500 lbs. 2.2 kN	550 lbs. 2.4 kN	1800 lbs. 8.0 kN	2900 lbs. 12.8 kN	4200 lbs. 18.6 kN	6000 lbs. 26.6 kN
75°	450 lbs. 2.0 kN	500 lbs. 2.2 kN	1600 lbs. 7.1 kN	2600 lbs. 11.5 kN	3650 lbs. 16.2 kN	5500 lbs. 24.4 kN
90°	450 lbs. 2.0 kN	500 lbs. 2.2 kN	1550 lbs. 6.8 kN	2500 lbs. 11.1 kN	3500 lbs. 15.5 kN	5250 lbs. 23.3 kN



## 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	6072 - 6,500 lbs. (28.9 kN)
Weight	6072 - 190 lbs. (86.2 kN)

CAT. NO.	UPC NO.	DESCRIPTION
6072	31395	12' (3.7 m) Manhole Sheave

## 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

<b>Weight</b>	488-2 - 0.08 lbs. (36 g)
	488-3 - 0.2 lbs. (90 g)

CAT. NO.	UPC NO.	DESCRIPTION
488-2	32928	Nylon Cable Protector for 2" and 2-1/2" conduit
488-3	32929	Nylon Cable Protector for 3" - 6" conduit

## Cable Guide



- Position where cables are being pulled over sharp edges.

### SPECIFICATIONS

<b>Weight</b>	489 - .5 lbs. (227 g)
<b>Size</b>	13" L x 3-1/4" W x 12" radius

CAT. NO.	UPC NO.	DESCRIPTION
489	32930	Nylon Cable Guide

## 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

<b>Overall Height</b>	14-1/2" (368 mm)
<b>Weight</b>	18 lbs. (8.2 kg)
<b>Bolt Circle Capability</b>	7.8" (198 mm) to 14.8" (376 mm) diameter
<b>Maximum Mounting Bolt Dia.</b>	1" (25 mm) diameter at 7.8" (198 mm) bolt circle
	1-1/2" (38 mm) at 14.8" (376 mm) bolt circle
<b>Pulling Capacity</b>	500 lbs. (227 kg)

CAT. NO.	UPC NO.	DESCRIPTION
459	89800	Light Base Sheave



# ROPE

## 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.
- Lowest stretch.
- Select a rope with a maximum rated capacity that meets or exceeds the cable puller's maximum pulling force.



ROPE DIAMETER	ROPE LENGTH		CAT. NO.	UPC NO.	MAXIMUM		AVERAGE		WEIGHT		ROPE STAND
					RATED CAPACITY		BREAKING STRENGTH		LBS.	KG	
<b>FOR THE 805 PULLER</b> 3/8" (9.5 mm)	300'	91m	450	23773	1200 lbs.	3.6 kN	3700 lbs.	16.4 kN	14.3	6.5	406
	600'	182m	451	23775	1200 lbs.	3.6 kN	3700 lbs.	16.4 kN	31.0	14.3	644
	1,200'	365m	452	23776	1200 lbs.	3.6 kN	3700 lbs.	16.4 kN	60.0	27.2	644
<b>FOR THE UT2 PULLER</b> 1/2" (12.7 mm)	300'	91m	455	23774	2,200 lbs.	8.9 kN	10,000 lbs.	44.4 kN	34	15.4	644
	600'	182m	456	23777	2,200 lbs.	8.9 kN	10,000 lbs.	44.4 kN	75	34	644
<b>FOR THE UT4 &amp; 640 PULLER</b> 9/16" (14.3 mm)	300'	91m	35283	35283	4,000 lbs.	17.8 kN	16,000 lbs.	71.1 kN	28	12.7	644
	600'	182m	35284	35284	4,000 lbs.	17.8 kN	16,000 lbs.	71.1 kN	63	28.6	644
	1,200'	365m	35285	35285	4,000 lbs.	17.8 kN	16,000 lbs.	71.1 kN	130	59	†
<b>FOR THE 6001 &amp; 6901 (UT5) PULLER</b> 3/4" (19.1 mm)	300'	91m	35098	35098	6,500 lbs.	28.9 kN	26,000 lbs.	115.6 kN	58	26.3	644
	600'	182m	35100	35100	6,500 lbs.	28.9 kN	26,000 lbs.	115.6 kN	113	51.3	654
	1,200"	365m	35101	35101	6,500 lbs.	28.9 kN	26,000 lbs.	115.6 kN	230	104.3	†
<b>FOR THE 6800 (UT8) PULLER &amp; UT10-25</b> 7/8" (22.2 mm)	300'	91m	34136	34136	8,000 lbs.	35.6 kN	32,000 lbs.	142.3 kN	90	40.8	654
	600'	182m	34137	34137	8,000 lbs.	35.6 kN	32,000 lbs.	142.3 kN	178	80.7	654
	1,200"	365m	34138	34138	8,000 lbs.	35.6 kN	32,000 lbs.	142.3 kN	359	163.3	†

## Polypro General Purpose Rope



405 Rope Stand sold separately. See Greenlee Full Line Catalog.

- **Not for cable pulling.** See the ropes listed with cable pullers for recommended cable pulling ropes.
- 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.



ROPE DIAMETER	ROPE LENGTH		CAT. NO.	UPC NO.	BREAKING STRENGTH		AVERAGE WEIGHT	
							LBS.	KG
<b>3/16"</b> (4.8 mm)	250'	76 m	408	21467	720 lbs.	3.2 kN	3	1.4
	600'	182 m	409	21468	720 lbs.	3.2 kN	6	2.7
<b>1/4"</b> (6.4 mm)	250'	76 m	412	21471	1130 lbs.	5.0 kN	4	1.8
	600'	182 m	413	21472	1130 lbs.	5.0 kN	9	4.1
	1,000'	304 m	414	21474	1130 lbs.	5.0 kN	13	5.9
<b>3/8"</b> (9.5 mm)	250'	76 m	417	21477	2430 lbs.	10.8 kN	9	4.1
	600'	182 m	418	21520	2430 lbs.	10.8 kN	19	8.6
<b>1/2"</b> (12.7 mm)	250'	76 m	421	21480	3780 lbs.	16.8 kN	15	6.8
	600'	182 m	422	21521	3780 lbs.	16.8 kN	35	15.9

# SWIVELS & ROPE CONNECTORS

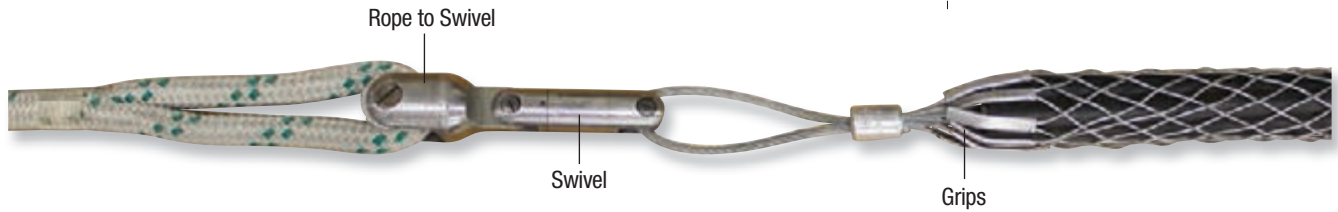
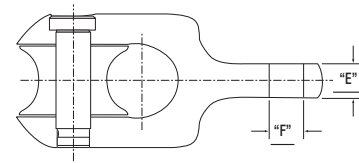
## Rope-to-Swivel Connectors



- 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.	MAX. RATED CAPACITY IN CONDUIT		MAX. RATED CAPACITY OVERHEAD		DIAMETER		LENGTH		"E"		"F"		USE ON SWIVEL
		LBS.	KN	LBS.	KN	IN.	MM	IN.	MM	IN.	MM	IN.	MM	
39905	39905	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	39904	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	39903	10,000	44.4	6,000	26.6	2	50.8	4-11/16	119	9/16	14.3	5/8	15.9	39109
39902	39902	10,000	44.4	6,000	26.6	2	50.8	4-11/16	119	11/16	17.5	11/16	17.5	39110

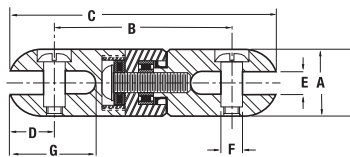
CAT. NO.	UPC NO.	DESCRIPTION
R 39849	39849	Sheave
R 39850	39850	Sheave Pin



## Swivels



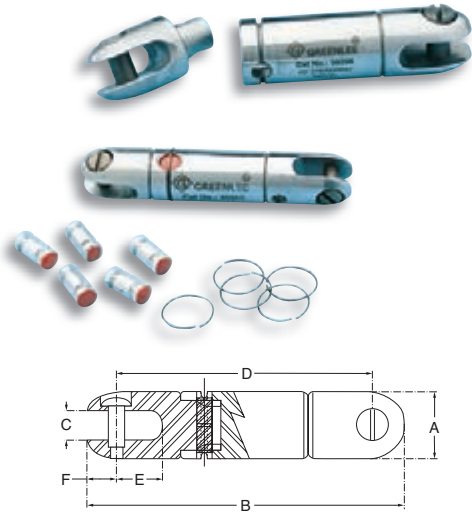
- Helps eliminate winding and tangling of rope and cable during pull.
- Connects grip and pulling rope.
- All stainless steel body construction.
- Efficient thrust and roller bearing construction allows smooth rotation, even under full load.
- Clevis pins are "shoulder bolt" style, so load on both sides of clevis is taken on the shoulder, not on the thread.
- Select the swivel with a maximum rated capacity that meets or exceeds the cable puller's maximum pulling force.



CAT. NO.	UPC NO.	MAXIMUM RATED CAPACITY		A DIAMETER		B		C		D		E		F DIAMETER		G		WEIGHT		REPLACEMENT* PIN KIT UPC NO.
		LBS.	KN	IN.	MM	IN.	MM	IN.	MM	IN.	MM	IN.	MM	IN.	MM	IN.	MM	LBS.	KG	
39106	39106	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	39107	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	39108	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	39109	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	39110	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	39111	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 LBS.	BREAKING POINT KN	COLOR CODE	USE WITH
39294	39294	200 lbs.	0.9 kN	WHITE	
39295	39295	400 lbs.	1.8 kN	YELLOW	39290
39296	39296	600 lbs.	2.7 kN	ORANGE	5/8" Swivel
39297	39297	675 lbs.	3.0 kN	BLACK	
39302	39302	200 lbs.	0.9 kN	WHITE	
39303	39303	400 lbs.	1.8 kN	YELLOW	39298
39304	39304	600 lbs.	2.7 kN	ORANGE	7/8" Swivel
39306	39306	800 lbs.	3.6 kN	GREY	
39308	39308	1000 lbs.	4.4 kN	RED	

### BREAKAWAY SWIVEL BODY ONLY

CAT. NO.	UPC NO.	A		B		C		D		E		F	
		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
39290	39290	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	39298	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

## Rope Clevis

For forged eye grips

For forged eye grips



For flexible eye grips



- 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.

CAT. NO.	UPC NO.	DESCRIPTION
578	31910	Rope Clevis
579	31905	Rope Clevis
678	19524	Rope Clevis

### SPECIFICATIONS

Maximum Rated Capacity	Weight	Length	Width	Inside Diameter
578 – 6,500 lbs. (28.9 kN)	0.9 lbs. (408 g)	3.0" (76 mm)	1.406" (36 mm)	1.25" (32 mm)
579 – 10,000 lbs. (44.4 kN)	1.3 lbs. (589 g)	3.5" (89 mm)	1.84" (47 mm)	1.5" (38 mm)
678 – 6,500 lbs. (28.9 kN)	1.3 lbs. (589 g)	3.5" (89 mm)	1.75" (44 mm)	0.94" (24 mm)

# GRIPS

## Gator Grips

**NEW**  
PRODUCT



- 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 EK12IDL or HK12ID to crimp any size without changing dies.

CAT. NO.	UPC NO.	DESCRIPTION
GG1-1/OXS	05469	Grip Assy, 1-1/0 Extra Short
GG1-1/OS	05470	Grip Assy, 1-1/0 Short
GG1-1/OM	05471	Grip Assy, 1- 1/0 Medium
GG1-1/OL	05472	Grip Assy, 1- 1/0 Long
GG1-1/OXL	05473	Grip Assy, 1-1/0 Extra Long
GG2/0-4/OXS	05474	Grip Assy, 2/0-4/0 Extra Short
GG2/0-4/OS	05477	Grip Assy, 2/0-4/0 Short
GG2/0-4/OM	05478	Grip Assy, 2/0-4/0 Medium
GG2/0-4/OL	05479	Grip Assy, 2/0-4/0 Long
GG2/0-4/OXL	05480	Grip Assy, 2/0-4/0 Extra Long
GG250-350XS	05502	Grip Assy, 250-350 Extra Short
GG250-350S	05503	Grip Assy, 250-350 Short
GG250-350M	05504	Grip Assy, 250-350 Medium
GG250-350L	05505	Grip Assy, 250-350 Long
GG250-350XL	05506	Grip Assy, 250-350 Extra Long
GG400-500XS	05507	Grip Assy, 400-500 Extra Short
GG400-500S	05508	Grip Assy, 400-500 Short
GG400-500M	05509	Grip Assy, 400-500 Medium
GG400-500L	05510	Grip Assy, 400-500 Long
GG400-500XL	05511	Grip Assy, 400-500 Extra Long
GG600-750XS	05512	Grip Assy, 600-750 Extra Short
GG600-750S	05513	Grip Assy, 600-750 Short
GG600-750M	05514	Grip Assy, 600-750 Medium
GG600-750L	05515	Grip Assy, 600-750 Long
GG600-750XL	05516	Grip Assy, 600-750 Extra Long
GG1000XS	05517	Grip Assy, 1000 Extra Short
GG1000S	05518	Grip Assy, 1000 Short
GG1000M	05521	Grip Assy, 1000 Medium
GG1000L	05522	Grip Assy, 1000 Long
GG1000XL	05523	Grip Assy, 1000 Extra Long

### SPECIFICATIONS

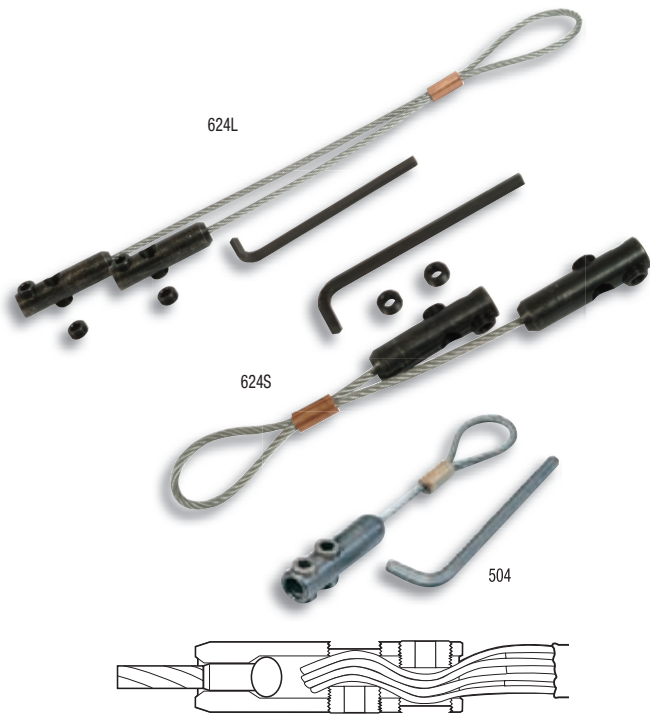
<b>Wire Type</b>	1 AWG – 1000 MCM Copper, Aluminum, Compacted and Compact (CU and AL)
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#### RATED PULLING LOAD FOR REGULAR AND COMPACT STRANDED COPPER CABLE

#### RATED PULLING LOAD FOR REGULAR AND COMPACT STRANDED ALUMINUM CABLE

GRIP WIRE RANGE	WIRE SIZE	LOAD PER CABLE (LB)	LOAD FOR 3 CABLES (LB)	LOAD FOR 4 CABLES (LB)	LOAD FOR 5 CABLES (LB)	LOAD PER CABLE (LB)	LOAD FOR 3 CABLES (LB)	LOAD FOR 4 CABLES (LB)	LOAD FOR 5 CABLES (LB)	MINIMUM CONDUIT SIZE (IN)
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	2,000	6,000	8,000	10000	800	2400	3200	4000	1-1/2
2/0 TO 4/0	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	2,000	6,000	8,000	8000	1600	4800	6400	8000	2
250-350	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

## Set Screw Clamp Pulling Grips



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.

- 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".

### SPECIFICATIONS

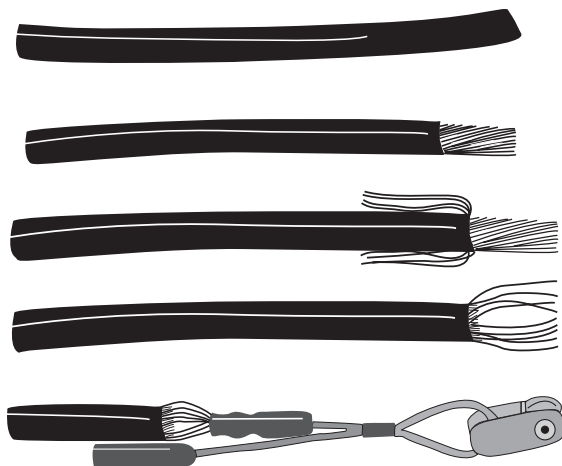
Maximum Rated Capacity	Weight
504 – 1750 lbs. (28.9 kN)	504 – 5 lbs. (2.3 kg)
629 – 6,500 lbs. (28.9 kN)	629 – 5 lbs. (2.3 kg)
624 – 6,500 lbs. (28.9 kN)	624 – 3.5 lbs. (1.5 kg)
624S – 3,250 lbs. (14.5 kN)	624S – 2 lbs. (.9 kg)
624L – 3,250 lbs. (14.5 kN)	624L – 2.1 lbs. (1 kg)

### SPECIFICATIONS

Capacity	1,750 lbs. (7.7 kN)
Weight	1.2 lbs. (.5 kg)
Size	Receptacle - 5/8" (15.9 mm)

CAT. NO.	UPC NO.	DESCRIPTION
504	23665	Set Screw Clamp-Type Pulling Grip
629	31855	Pulling Grip with Clevis includes 624S, 624L and 678 clevis - 4 clamp
624	31908	Pulling Grip includes 624S and 624L - 2 clamp each
624S	31866	Short Pulling Grip - 2 Clamp
624L	31867	Long Pulling Grip - 2 Clamp
<b>R</b> 51208	51208	Grip Allen Wrench
<b>R</b> 52352	52352	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 – lbs. (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 DIAMETER 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/(14.2-18.0)	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.

### MEASURE THE CIRCUMFERENCE OF THE WIRE BUNDLE

CIRCUMFERENCE RANGE INCH	MM	REQUIRED GRIP DIAMETER INCH	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

Rope is a very critical link in the cable pulling system. See page 99 for proper pulling rope selection.

## Basket-Type Pulling Grip Sets



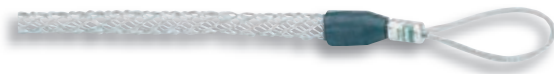
- Handy set gives you the size range you need.
- Have the correct grip on the job and save time.

CAT. NO.	UPC NO.	DESCRIPTION
30758	30758	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	31482	T-Type Grip Set - diameter range .75" - 1.99" (19 - 50.5 mm). Consists of 30576, 30578, and 31010.
598	31483	T-Type Grip Set - diameter range 1.50' - 2.99" (38.1 - 75.9 mm). Consists of 31010, 30580 and 31012.
599	31484	T-Type Grip Set - diameter range .75' - 2.99" (19 - 75.9 mm). Consists of 30576, 30578, 31010, 30580 and 31012.

### 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>	<b>30758</b> - 1.2 lbs. (.5 kg) <b>597</b> - 6 lbs. (2.7 kg)
	<b>598</b> - 9.9 lbs. (4.5 kg) <b>599</b> - 13 lbs. (5.9 kg)

## 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.

CAT. NO.	UPC NO.	CABLE DIAMETER RANGE		MAXIMUM RATED CAPACITY		EYE LENGTH		MESH LENGTH	
		INCH	MM	LBS.	KN	INCH	MM	INCH	MM
30596	30596	.19 - .24	4.8 - 6.1	80	.3	3-1/4	82.6	4-1/4	108
30584	30584	.25 - .36	6.2 - 9.1	90	.4	3-1/4	82.6	4-1/4	108
30586	30586	.37 - .49	9.2 - 12.6	180	.8	3-3/4	95.3	7	177.8
30588	30588	.50 - .61	12.7 - 15.50	260	1.1	4-1/4	108	8-1/2	215.9
30590	30590	.62 - .74	15.6 - 18.9	390	1.7	5	127	10	254
30592	30592	.75 - .99	19 - 25.3	560	2.4	5-3/4	146	10	254
30594	30594	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	
		INCH	MM	LBS.	KN	INCH	MM	INCH	MM
30536	30536	.50 - .61	12.7 - 15.5	560	2.5	5	127	16	406.4
30538	30538	.62 - .74	15.6 - 18.9	560	2.5	5	127	16	406.4
30540	30540	.75 - .99	19.0 - 25.3	800	3.5	6	152.4	20	508
30542	30542	1.00 - 1.24	25.4 - 31.5	1360	6	7	177.8	20	508
30544	30544	1.25 - 1.49	31.6 - 38	1360	6	7	177.8	21	533.4
30546	30546	1.50 - 1.99	38.1 - 50.7	1360	6	8	203.2	23	584.2
30548	30548	2.00 - 2.49	50.8 - 63.4	1700	7.5	9	228.6	25	635
30550	30550	2.50 - 2.99	63.5 - 76.1	2120	9.4	9	228.6	27	685.8
30552	30552	3.00 - 3.49	76.2 - 88.8	2940	13	10	254	30	762
30554	30554	3.50 - 3.99	88.9 - 101.3	2940	13	10	254	32	812.8

Rope is a very critical link in the cable pulling system. See page 99 for proper pulling rope selection.

## 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		
		INCH	MM	LBS.	KN	INCH	MM	INCH	MM	
<b>SHORT</b>										
30558	30558	.50 - .61	12.7 - 15.5	900	4	8	203.2	21	533.4	
30560	30560	.62 - .74	15.6 - 18.9	1120	4.9	8	203.2	24	610	
30562	30562	.75 - .99	19.0 - 25.3	1360	6	9	228.6	24	610	
30564	30564	1.00 - 1.49	25.4 - 38.0	1920	8.7	9	228.6	24	610	
30566	30566	1.50 - 1.99	38.1 - 50.7	3280	14.5	11	279.4	24	610	
30568	30568	2.00 - 2.49	50.8 - 63.3	3700	16.4	12	304.8	24	610	
30570	30570	2.50 - 2.99	63.5 - 76.1	4900	21.7	12	304.8	24	610	
30572	30572	3.00 - 3.49	76.2 - 88.8	4900	21.7	14	355.6	24	610	
30574	30574	3.50 - 3.99	88.9 - 101.3	6200	27.5	14	355.6	26	660.4	
<b>STANDARD</b>										
30576	30576	.75 - .99	19.0 - 25.3	1360	6	9	228.6	36	914.4	
30578	30578	1.00 - 1.49	25.4 - 38.0	1920	8.7	9	228.6	36	914.4	
31010	31010	1.50 - 1.99	38.1 - 50.7	3280	14.5	11	279.4	36	914.4	
30580	30580	2.00 - 2.49	50.8 - 63.3	3700	16.4	12	304.8	36	914.4	
31012	31012	2.50 - 2.99	63.5 - 76.1	4900	21.7	12	304.8	36	914.4	
30582	30582	3.00 - 3.49	76.2 - 88.8	4900	21.7	14	355.6	36	914.4	
31014	31014	3.50 - 3.99	88.9 - 101.3	6200	27.5	14	355.6	40	1016	

## 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 DIA.	
		INCH	MM	LBS.	KN	INCH	MM	INCH	MM	INCH	MM
<b>STANDARD</b>											
30442	30442	.50 - .61	12.7 - 15.5	1120	4.9	5	127	16	406.4	7/8	22.2
30998	30998	.62 - .74	15.6 - 18.9	1360	6	5	127	16	406.4	7/8	22.2
30460	30460	.75 - .99	19.0 - 25.3	1920	8.5	6	152.4	32	812.8	1	25.4
31000	31000	1.00 - 1.49	25.4 - 38.0	3280	14.5	7	177.8	33	838.2	1-3/8	34.9
30462	30462	1.50 - 1.99	38.1 - 50.7	3280	14.5	7	177.8	34	863.6	1-3/8	34.9
31002	31002	2.00 - 2.49	50.8 - 63.3	5440	24.1	9	228.6	36	914.4	1-5/8	41.2
30464	30464	2.50 - 2.99	63.5 - 76.1	6600	29.3	10	254	38	965.2	1-7/8	47.6
31004	31004	3.00 - 3.49	76.2 - 88.8	8200	36.5	10	254	39	990.6	1-7/8	47.6
30466	30466	3.50 - 3.99	88.9 - 101.5	9600	42.7	10	254	41	1041.4	1-7/8	47.6
31006	31006	4.00 - 4.49	101.6 - 114.2	9600	42.7	10	254	42	1066.8	1-7/8	47.6
30468	30468	4.50 - 4.99	114.3 - 126	9600	42.7	10	254	58	1473.2	1-7/8	47.6
30470	30470	5.00 - 5.99	127 - 152.3	9600	42.7	10	254	60	1524	1-7/8	47.6

Rope is a very critical link in the cable pulling system. See page 99 for proper pulling rope selection.

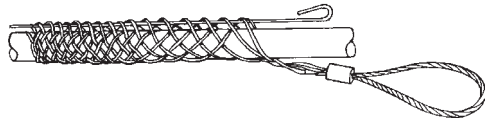
## Multiple Strength Basket-Type Pulling Grips with Rotating Forged Eye



- 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	
		INCH	MM	LBS.	KN		INCH	MM	INCH	MM	INCH	MM
30474	30474	.25 - .49	12.7 - 15.5	1360	6	Dark Green	5	127	26	660.4	7/8	22.3
30476	30476	.50 - .74	15.6 - 18.9	2000	8.8	Brown	6	152.4	32	812.8	1	25.4
30478	30478	.75 - .99	19.0 - 25.3	2880	12.8	Light Blue	6	152.4	41	1041.4	1	25.4
30480	30480	1.00 - 1.24	25.4 - 31.5	4920	21.8	Gold	8	203.2	52	1320.8	1-3/8	34.9
30482	30482	1.25 - 1.49	31.6 - 38.0	6120	27.2	Black	8	203.2	56	1422.4	1-5/8	41.2
30484	30484	1.50 - 1.74	38.1 - 44.3	6120	27.2	Red	9	228.6	60	1524.0	1-7/8	47.6
30486	30486	1.75 - 2.24	44.4 - 56.9	9600	42.7	Dark Blue	10	254	70	1778.0	1-7/8	47.6
30502	30502	2.00 - 2.49	50.8 - 63.4	9600	42.7	Yellow	10	254	50	1270	1-7/8	47.6
30504	30504	2.50 - 2.99	63.5 - 76.1	9600	42.7	Orange	10	254	52	1320.8	1-7/8	47.6
30506	30506	3.00 - 3.49	76.2 - 88.8	9600	42.7	Aluminum	10	254	54	1371.6	1-7/8	47.6
30508	30508	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 when the end of the conductor is not available.
- Type of pulls: light and straight. The rod will not flex around bends.
- Single weave galvanized steel mesh with rod closing and an offset flexible 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	
		INCH	MM	LBS.	KN	INCH	MM	INCH	MM
30658	30658	.50 - .61	12.7 - 15.5	300	1.3	7	177.8	6	152.4
31024	31024	.62 - .74	15.6 - 18.9	360	1.6	7	177.8	8	203.2
30660	30660	.75 - .99	19 - 25.3	440	1.9	7	177.8	10	254
31026	31026	1.00 - 1.24	25.4 - 31.5	680	3	8	203.2	12	304.8
30662	30662	1.25 - 1.49	31.6 - 38.0	900	4	8	203.2	14	355.6
31028	31028	1.50 - 1.74	38.1 - 44.3	1160	5.1	9	228.6	15	381
30664	30664	1.75 - 1.99	44.4 - 50.7	1520	6.7	10	254	16	406.4
31030	31030	2.00 - 2.49	50.8 - 63.4	1800	8	10	254	19	482.6
30666	30666	2.50 - 2.99	63.5 - 76.1	2200	9.7	10	254	20	508
31032	31032	3.00 - 3.49	76.2 - 88.8	2400	10.6	12	304.8	21	533.4
30668	30668	3.50 - 3.99	88.9 - 101.3	2400	10.6	12	304.8	24	610

Rope is a very critical link in the cable pulling system. See page 99 for proper pulling rope selection.

# CABLE PULLING LUBRICANTS

## UG5 Ultra GLIDER™ Cable Pulling Lubrication System



The Greenlee UG5 Ultra Glider™ is the “new way” to effectively apply cable lube during cable installation. The Ultra GLIDER™ has several advantages over the manual method used by most contractors today.

- Applies lube more evenly around the cable and more consistently than can be done by hand. This reduces the force required by the cable puller and reduces the chance for damage to the cable.
- During a cable pull, the person feeding the cable usually can also operate the Ultra GLIDER™, which reduces the need for one person on the job.
- Eliminates the need for a person to place their hands near the point where the cable enters the conduit or duct.
- Eliminates the mess and slippery surfaces associated with manual cable lubrication.
- Applicators clean easily with water. Power unit and hose do not require cleaning between jobs.
- 3 pump speeds make it easy to match the lube rate to the needs of the pull.



### SPECIFICATIONS

<b>Dimensions</b>	Depth: 17" (0.43 m) Width: 18" (0.45 m) Height: 39" (1 m)
<b>Weight</b>	24 lbs. (11 kg)
<b>Wheel Diameter</b>	8" (20 cm)
<b>Hose length</b>	10' (3 m)
<b>Battery (12V unit only)</b>	Type: Sealed lead acid rechargeable battery DC output: 12-Volt Weight: 14.5 lbs. (6.6kg) Battery Life: Three to four 5 gallon buckets per charge
<b>Motor (120V unit only)</b>	AC output: 120-Volt Amps: 6 Amps

CAT. NO.	UPC NO.	DESCRIPTION
UG511S	10353	ULTRA-GLIDER 120V with UGSAK slip-in applicator kit
UG511T	10355	ULTRA-GLIDER 120V with UGTAK threaded applicator kit
UG511ST	10356	ULTRA-GLIDER 120V including slip-in applicator kit UGSAK & threaded applicator kit UGTAK
UG512S	10357	ULTRA-GLIDER 12V with UGSAK slip-in applicator kit
UG512T	10359	ULTRA-GLIDER 12V with UGTAK threaded applicator kit
UG512ST	10360	ULTRA-GLIDER 12V including slip-in applicator kit UGSAK & threaded applicator kit UGTAK
UG511	10354	ULTRA-GLIDER 120V ASSEMBLY without applicators
UG512	10358	ULTRA-GLIDER 12V ASSEMBLY without applicators
UGSAK	10252	Slip-In Applicator Kit (Includes 2", 2-1/2", 3", 3-1/2" and 4" applicators with case)
UGTAK	10253	Threaded Applicator Kit (Includes 2", 2-1/2", 3", 3-1/2" and 4" applicators with case)
UGSA150	10287	1-1/2" Slip-In Applicator Assembly
UGSA200	10289	2" Slip-In Applicator Assembly
UGSA250	10291	2-1/2" Slip-In Applicator Assembly
UGSA300	10293	3" Slip-In Applicator Assembly
UGSA350	10295	3-1/2" Slip-In Applicator Assembly
UGSA400	10297	4" Slip-In Applicator Assembly
UGSA500	10304	5" Slip-In Applicator Assembly
UGSA600	10311	6" Slip-In Applicator Assembly
UGTA075	10284	3/4" Threaded Applicator Assembly
UGTA100	10285	1" Threaded Applicator Assembly
UGTA125	10286	1-1/4" Threaded Applicator Assembly
UGTA150	10278	1-1/2" Threaded Applicator Assembly
UGTA200	10279	2" Threaded Applicator Assembly
UGTA250	10280	2-1/2" Threaded Applicator Assembly
UGTA300	10281	3" Threaded Applicator Assembly
UGTA350	10282	3-1/2" Threaded Applicator Assembly
UGTA400	10283	4" Threaded Applicator Assembly
12656	12656	20' Extension Hose (MAXIMUM EXTENSION IS 20')



## Cable Pulling Lubricant Selection Guide



### APPLICATION

	Clear Lube™	Cable-Cream®	Cable-Gel®	Winter-Gel™
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	✓	✓	✓	✓
Neoprene	✓	✓	✓	✓
Nylon	✓	✓	✓	✓
PVC	✓	✓	✓	✓
High-density or cross linked polyethylene	✓	✓	✓	✓
Low-density polyethylene	✓	✓	✓	✓
Semiconducting jacket	✓	✓	✓	✓
Hypalon	✓	✓	✓	✓

\*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. Non-staining.
- Won't break down or separate after exposure to freezing cold or blistering heat.
- Environmentally safe/non-hazardous.

### SPECIFICATIONS

<b>Weight</b>	CRM-Q - 2.3 lbs. (1 kg) CRM-5 - 42 lbs. (19.1 kg) CRM-1 - 9.5 lbs. (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	35207	Cable-Cream One Quart Squeeze Bottle (.95 l)
CRM-1	35208	Cable-Cream One Gallon (3.79 l)
CRM-5	35209	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 safe/non-hazardous.

### SPECIFICATIONS

<b>Weight</b>	GEL-Q - 2.3 lbs. (1 kg) GEL-1 - 8.5 lbs. (3.9 kg) GEL-5 - 45 lbs. (20.4 kg) GEL-55 - 498 lbs. (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	35211	Cable-Gel One Quart Squeeze Bottle (.95 l)
GEL-1	35212	Cable-Gel One Gallon (3.79 l)
GEL-5	35213	Cable-Gel 5 Gallons (18.93 l)

## 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 safe.

### SPECIFICATIONS

<b>Weight</b>	WGEL-Q - 2.3 lbs. (1 kg) WGEL-1 - 9 lbs. (4.1 kg) WGEL-5 - 44 lbs. (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	35215	Winter-Gel Pulling Lube One Quart Squeeze Bottle (.95 l)
WGEL-1	35216	Winter-Gel Pulling Lube One Gallon (3.79 l)
WGEL-5	35217	Winter-Gel Pulling Lube 5 Gallons (18.93 l)

## Clear Lube™



- Designed for use within electrical or datacom cable pulls.
- Clear and colorless for quick, easy clean-up.
- Environmentally safe, non-hazardous, non-toxic 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.

CAT. NO.	UPC NO.	DESCRIPTION
CLR-Q	10437	Clear Lube pulling lubricant, 1 quart (.95 l)
CLR-1	10438	Clear Lube pulling lubricant, 1 gallon (3.79 l)
CLR-5	10439	Clear Lube pulling lubricant, 5 gallon (18.93 l)

### SPECIFICATIONS

<b>Weight</b>	CLR-Q - 2.3 lbs. (1.0 kg)
	CLR-1 - 7.6 lbs. (3.5 kg)
	CLR-5 - 44.8 lbs. (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

# 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	
		INCH	MM	INCH	MM	LBS.	KN	LBS.	KG
16854	16854	2	50.8	1.75	44.5	4800	21.3	.5	.23
16856	16856	2.5	63.5	2.25	57.2	4800	21.3	.6	.27
16857	16857	3	76.2	2.75	69.9	4800	21.3	1.5	.68
16858	16858	3.5	88.9	3.25	82.6	4800	21.3	2.0	.91
16859	16859	4	102	3.75	95.3	4800	21.3	2.5	1.13
17370	17370	5	127	4.75	120.7	4800	21.3	3.5	1.59
17571	17571	6	152	5.75	146.1	4800	21.3	4.0	1.81

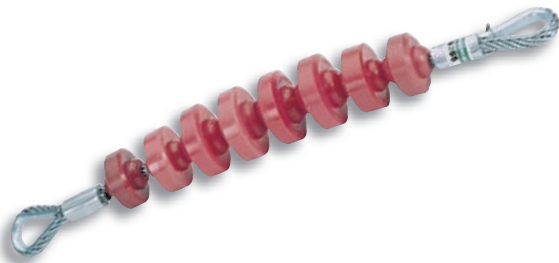
## Wire Duct Brush



- 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	
		INCH	MM	INCH	MM	LBS.	KN	LBS.	KG
39274	39274	2	50.8	1.87	47.5	200	.89	.83	.38
39276	39276	2.5	63.5	2.38	60.5	200	.89	.83	.38
39278	39278	3	76.2	2.87	72.9	200	.89	.83	.38
39280	39280	3.5	88.9	3.38	85.9	200	.89	.90	.41
39282	39282	4	102	3.87	98.3	200	.89	.95	.43
39284	39284	5	127	4.87	123.7	200	.89	1.15	.52
39286	39286	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. 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	
		INCH	MM	INCH	MM	LBS.	KN	LBS.	KG
39265	39265	2	50.8	1.88	47.7	2330	10.3	1	.45
39263	39263	2.5	63.5	2.19	55.6	2330	10.3	1	.45
39261	39261	3	76.2	2.81	71.4	2330	10.3	1.5	.68
39259	39259	3.5	88.9	3.25	82.5	4800	21.3	3.5	1.59
39257	39257	4	102	3.75	95.3	4800	21.3	4.5	2.04
39255	39255	5	127	4.69	119.1	4800	21.3	6	2.72
39288	39288	6	152	5.81	147.5	4800	21.3	8.5	3.85

## Bending Selection Guide

<b>RIGID</b>		PG. NO.	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	5"	6"
Electric Benders	114													
Hydraulic Benders	118													

<b>EMT</b>		PG. NO.	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	5"	6"
Electric Benders	114													
Hydraulic Benders	118													

<b>IMC</b>		PG. NO.	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	5"	6"
Electric Benders	114													
Hydraulic Benders	118													

<b>PVC COATED RIGID</b>		PG. NO.	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	5"	6"
Electric Benders	114													
Hydraulic Benders	118													

<b>PVC CONDUIT</b>		PG. NO.	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	5"	6"
PVC Heaters & Blankets	125-126													

\*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.



# ELECTRIC BENDERS

## Intellibender® Electric Conduit Bender

**NEW PRODUCT**

CLASSIFIED  
C **UL** US  
95R7



- The 855GX is Greenlee's most advanced programmable bender

### SIMPLE. READY TO BEND IN 2 STEPS



- 1 ORIENT SHOES    2 SELECT ANGLE → BEND

### PRODUCTIVE. 4X FASTER SETUP<sup>1</sup>

### ACCURATE. LESS SCRAP & REWORK

Type of Conduit	Every 100 Pieces Not Scrapped <sup>2</sup>
2" Rigid	\$4382.80
2" EMT	\$1674.00

### RELIABLE. MORE UPTIME TO BEND<sup>3</sup>

#### SPECIFICATIONS

Amperage Rating	20 AMP GFCI-Protected Receptacle
Power Source	120 VAC
Capacity	3/4" - 2" Rigid, 1" - 2" EMT/IMC Conduit
Weight	532 lbs.

CAT. NO.	UPC NO.	DESCRIPTION
855GX	12579	Bender, Electric Conduit - Programmable (120 VAC, 20A)
12582	12582	Shoe Group, 1/2" - 2" PVC Coated Rigid (855GX)

CAT. NO.	SHOE GROUP	855GX
12581	1/2" - 2" PVC Coated	✓ <sup>1</sup>
37279	1/2" - 2" PVC Coated	
12582	1/2" - 2" PVC Coated	✓
01700	1/2" - 2" PVC Coated	✓ <sup>1</sup>

<sup>1</sup> Need 13855 support roller assembly to bend 1/2" - 1-1/4" PVC coated rigid on 855GX.

#### BENDING RADII COMBO SHOE GROUP

SHOE SIZE	INCHES	mm
1" EMT	7"	177.8
1" IMC/Rigid	6- 15/16"	176.2
1-1/4" EMT	8- 13/16"	223.8
1-1/4" IMC/Rigid	8- 3/4"	222.3
1-1/2" EMT	8- 3/8"	212.7
1-1/2" IMC/Rigid	8-1/4"	209.6
2" EMT	9-1/4"	235.0
2" IMC/Rigid	9"	228.6

<sup>1</sup>Speed claims based on timed 4-bend saddle comparisons between the 855GX and other similar benders.

<sup>2</sup>Claims based on list price of 10' long EMT and Rigid conduit.

<sup>3</sup>Solid-state electronics system rated for 1,000,000+ bends.



A PRODUCT VIDEO IS AVAILABLE. SCAN THIS QR CODE OR VISIT:

[www.youtube.com/GreenleeDEMO](http://www.youtube.com/GreenleeDEMO)



Switching the 855GX between vertical and horizontal bending configurations is simple and can be done in seconds with its unique pivoting cylinder.

## 555® CX/DX Series Electric Benders

**NEW**  
PRODUCT



- The 555® Series, commonly referred to as the "triple-nickel", has been completely re-engineered with a rugged exterior for the most demanding environments.

**SIMPLE. 2 SHOES CAN HANDLE 6 SIZES (1/2"-2") RIGID, EMT & IMC**

**ACCURATE. ABSOLUTE-ENCODER BASED CONTROL ON 555DX REDUCES SCRAP & REWORK**

**RELIABLE. MORE UPTIME TO BEND<sup>1</sup>**

<sup>1</sup> Solid-state electronics system rated for 1,000,000+ bends.



A PRODUCT VIDEO IS AVAILABLE. SCAN THIS QR CODE OR VISIT:  
[www.youtube.com/GreenleeDEMO](http://www.youtube.com/GreenleeDEMO)



### SPECIFICATIONS

<b>Capacity</b>	1/2" - 2" Rigid / EMT / IMC / PVC Coated
<b>Power Source</b>	120 VAC, 20 amp GFCI
<b>Weight</b>	300 lbs.

CAT NO.	UPC NO.	DESCRIPTION
555CX	12425	Bender, Electric Conduit with Standard Pendant (120 VAC, 20A)
555CXE	13972	Electric Bender, with 13930 1/2" - 2" EMT Shoe Group (120 VAC, 20A)
555CXR	12426	Electric Bender, with 28007 1/2" - 2" Rigid Shoe Group (120 VAC, 20A)
555CXRE	12427	Electric Bender, with 12580 1/2" - 2" Rigid, EMT Group (120 VAC, 20A)
555DX	12428	Bender, Electric Conduit with Digital Angle Pendant (120 VAC, 20A)
555DXE	13973	Electric Bender, with 13930 1/2" - 2" EMT Shoe Group (120 VAC, 20A)
555DXR	12429	Electric Bender, with 28007 1/2" - 2" Rigid Shoe Group (120 VAC, 20A)
555DXRE	12430	Electric Bender, with 12580 1/2" - 2" Rigid, EMT Group (120 VAC, 20A)
555DX-22	49840	Electric Bender, with Digital Angle Pendant (220 VAC, 20A)
555DXR-22	49842	Electric Bender, with 28007 1/2" - 2" Rigid Shoe Group (220 VAC, 20A)
<b>A</b> 28007	28007	Shoe Group, 1/2" - 2" Rigid (555 Series)
<b>A</b> 13930	13930	Shoe Group, 1/2" - 2" EMT (555 Series)
<b>A</b> 12580	12580	Shoe Group, 1/2" - 2" Rigid/EMT Combination (555 Series)
<b>A</b> 12581	12581	Shoe Group, 1/2" - 2" PVC Coated Rigid (555 Series)
<b>A</b> 13856	13856	Roller Unit, 1-1/2" - 2" IMC (555 Series) Combination Shoe (use with 12580 shoe group)
<b>A</b> 12583	12583	Roller Unit, 1-1/2" - 2" EMT (555 Series) Single Groove Shoes (use with 23802 and 23816 shoe groups)
<b>A</b> 12584	12584	Roller Unit, 1-1/2" - 2" IMC (555 Series) Single Groove Shoes (use with 26330 shoe group)

CAT NO.	SHOE GROUP	555DX	555CX	555 CLASSIC
12580	Combination 1/2" - 2" EMT/Rigid <sup>1</sup>	✓	✓	
28007	1/2" - 2" Rigid	✓	✓	✓
13930	1/2" - 2" EMT	✓	✓	
23802	1/2" - 2" EMT	✓ <sup>2</sup>	✓ <sup>2</sup>	✓
26330	1-1/2" - 2" IMC	✓ <sup>3</sup>	✓ <sup>3</sup>	✓
12581	1/2" - 2" PVC Coated	✓	✓	
37279	1/2" - 2" PVC Coated	✓	✓	✓
12582	1/2" - 2" PVC Coated	✓ <sup>4</sup>	✓ <sup>4</sup>	
01700	1/2" - 2" PVC Coated	✓ <sup>4</sup>	✓ <sup>4</sup>	

### BENDING RADII COMBO SHOE GROUP

SHOE SIZE	INCHES	mm
1/2" EMT	4-5/16"	109.5
1/2" IMC/Rigid	4-1/4"	108.0
3/4" EMT	5-1/2"	139.7
3/4" IMC/Rigid	5-7/16"	138.1
1" EMT	7"	177.8
1" IMC/Rigid	6-15/16"	176.2
1-1/4" EMT	8-13/16"	223.8
1-1/4" IMC/Rigid	8-3/4"	222.3
1-1/2" EMT	8-3/8"	212.7
2" EMT	9-1/4"	235.0
2" IMC/Rigid	9"	228.6

<sup>1</sup> Can also bend 1/2" - 1-1/4" IMC, need optional 13856 squeeze roller assembly for 1-1/2" & 2" IMC bending.

<sup>2</sup> Need optional 12583 roller unit for 1-1/2" & 2" EMT bending on 555CX & 555DX models.

<sup>3</sup> Need optional 12584 roller unit for 1-1/2" & 2" IMC bending on 555CX & 555DX models.

<sup>4</sup> Need 00946 and 13861 support roller assemblies to bend 1/2" - 2" PVC coated rigid on 555CX & 555DX.

## 555® Classic Electric Benders for Conduit and Pipe



- The 555C Classic Series features simple relay controls for easy field repairs, and compact handle design to prevent interference with conduit when bending.
- Bend 1/2" – 2" Rigid, IMC, EMT & PVC Coated Rigid.
- Shoe groups available for different combination.

### SPECIFICATIONS

<b>Capacity</b>	555RC: 1/2" - 2" Rigid and 1/2" - 1-1/4" IMC conduit 555EC: 1/2" - 2" EMT conduit
<b>Power</b>	555C Classic Series: 120 VAC; 20 amp GFCI-protected
<b>Weight</b>	555C: 260 lbs. (118 kg) 555RC: 393 lbs. (179 kg) 555EC: 476 lbs. (216 kg)

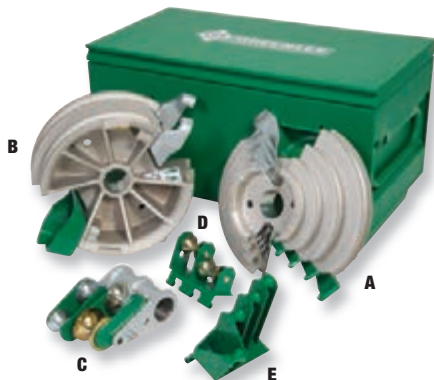
CAT. NO.	UPC NO.	DESCRIPTION
555C	06900	Classic Electric Bender power unit without bending accessories
555RC	06901	Classic Electric Bender with Shoe Group for 1/2" through 2" Rigid and 1/2" through 1-1/4" IMC conduit and pipe; includes 28007 – 1/2" - 2" Rigid Shoe Group
555EC	06902	Classic Electric Bender with Shoe Group for 1/2" through 2" EMT conduit includes 23802 – 1/2" - 2" EMT Shoe Group
A 37279	37279	40 MIL PVC Coated Rigid 1/2" - 2" Shoe Group (sold separately) to use with the 555 series benders

### BENDING RADII COMBO SHOE GROUP

SHOE SIZE	INCHES	mm
1/2" EMT	4-1/4"	108.0
1/2" IMC/Rigid	4-1/4"	108.0
3/4" EMT	5-3/8"	136.525
3/4" IMC/Rigid	5-7/16"	138.1
1" EMT	6-3/4"	171.45
1" IMC/Rigid	6-15/16"	176.2
1-1/4" EMT	8-3/4"	222.3
1-1/4" IMC/Rigid	8-3/4"	222.3
1-1/2" EMT	8-1/4"	209.0
1-1/2" EMT	8-9/32"	210.0
2" EMT	9-3/16"	233.0
2" IMC/Rigid	9-1/2"	241.0

## ACCESSORY SHOE GROUPS

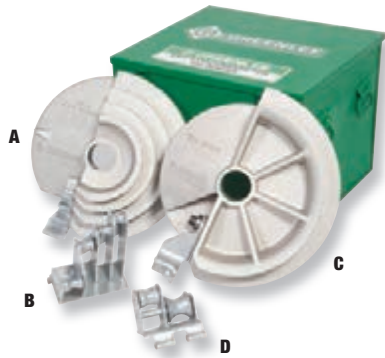
### 1/2" - 2" EMT/Rigid Combo Shoe Group



KEY	CAT. NO.	UPC NO.	DESCRIPTION
	12580	12580	1/2" - 2" EMT/Rigid Combo Shoe Group for 555CX and 555DX models
A	13583	13583	1/2" through 1-1/4" Combi Shoes
B	13859	13859	1-1/2" through 2" Combi Shoes
C	13857	13857	EMT Combi Form Roller Assembly
D	13853	13853	1-1/2" through 2" Support Roller
E	13854	13854	1/2" through 1-1/4" Support Roller

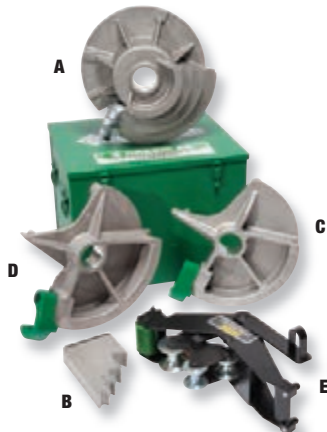


## 1/2" – 2" Rigid Shoe Group



KEY	CAT. NO.	UPC NO.	DESCRIPTION
	28007	28007	1/2" - 2" Rigid Shoe Group
A	00571	00571	1/2" through 1-1/4" Rigid/IMC Bending Shoe
B	00936	00936	1/2" through 1-1/4" Support Roller
C	17937	17937	1-1/2" through 2" Rigid Bending Shoe
D	17984	17984	1-1/2" through 2" Support Roller

## 1/2" – 2" EMT Shoe Group



KEY	CAT. NO.	UPC NO.	DESCRIPTION
	23802	23802	1/2" - 2" EMT Shoe Group
A	17944	17944	1/2" through 1-1/4" EMT Bending Shoe
B	17986	17986	1/2" through 1-1/4" Support Roller
C	23499	23499	1-1/2" EMT Bending Shoe
D	23505	23505	2" EMT Bending Shoe
E	23541	23541	1-1/2" through 2" Roller Support Unit
	1723	23818	Metal Storage Box
	12580	12580	Shoe Group. 1/2"-2" EMT/Rigid Combo (555 Series)

## 1-1/2" – 2" IMC Shoe Group



KEY	CAT. NO.	UPC NO.	DESCRIPTION
	26330	26330	1-1/2" - 2" IMC Shoe Group
A	25263	25263	1-1/2" IMC Bending Shoe
B	25268	25268	2" IMC Bending Shoe
C	25273	25273	1-1/2" through 2" Roller Support Unit
	1723	23818	Metal Storage Box

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

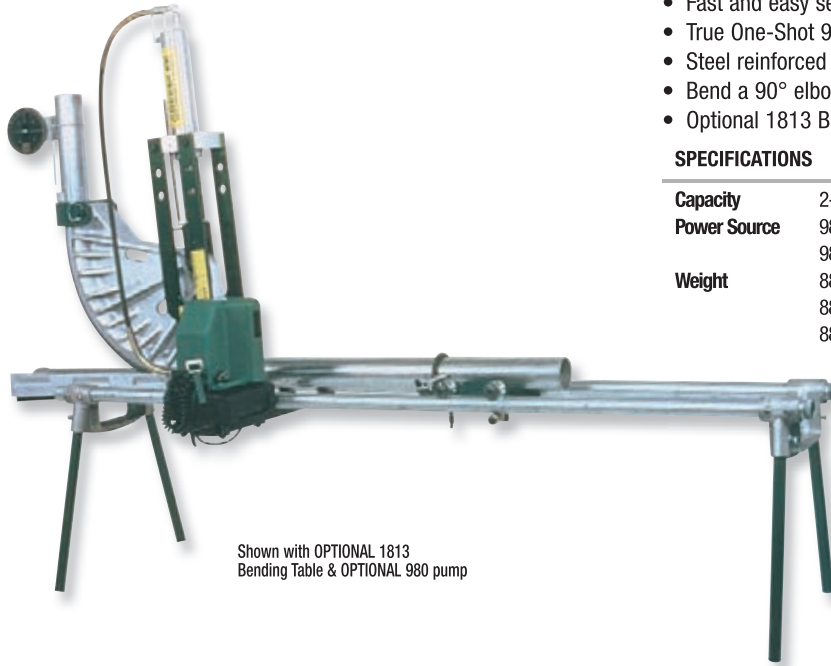


KEY	CAT. NO.	UPC NO.	DESCRIPTION
	37279	37279	40 ml PVC Coated Rigid 1/2" - 2" Shoe Group
A	00946	00946	1/2" through 1-1/4" Roller Support
B	00573	00573	1/2" through 1-1/4" Shoe
C	37281	37281	1-1/2" and 2" Shoe
D	37282	37282	1-1/2" through 2" Roller Support
	1723	23818	Metal Storage Box
	12581	12581	Shoe Group, 1/2" - 2" PVC Coated Rigid (555 Series)
	12582	12582	Shoe Group, 1/2" - 2" PVC Coated Rigid (855GX)

To use the PVC Shoe Group with 555 SB and 555 SBR benders Adapter Set 32391 is required.

# HYDRAULIC BENDERS

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



Shown with OPTIONAL 1813 Bending Table & OPTIONAL 980 pump

- One bender to bend EMT, IMC and Rigid Conduit.
- Fast and easy setup on the jobsite.
- 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.
- Optional 1813 Bending Table and accessories for easier operation.

### SPECIFICATIONS

<b>Capacity</b>	2-1/2" - 4" EMT, IMC and Rigid
<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>	881MBT: 300 lbs. (136kg) 881CTE980: 1026 lbs. (465 kg) 881CTDE980: 999 lbs. (454 kg)

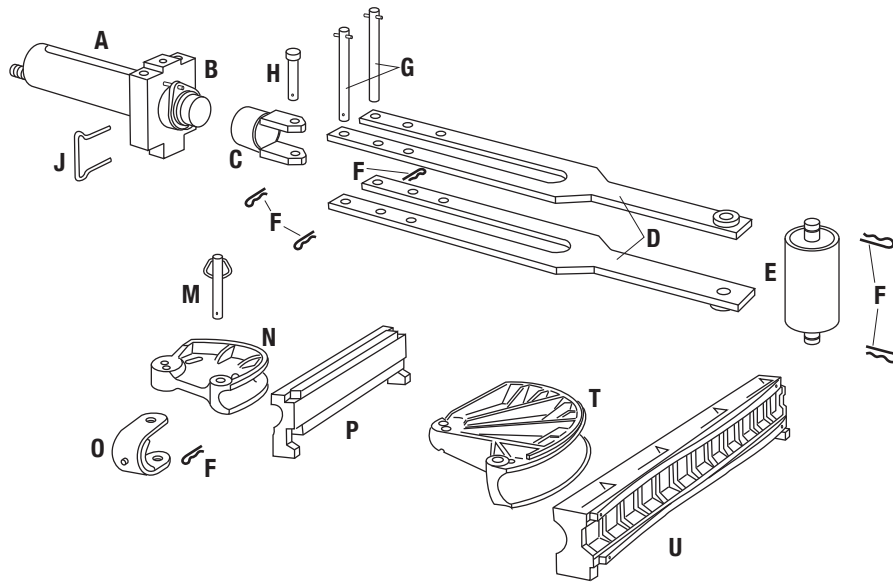
### SPECIFICATIONS

881 CT, 881 CTD, 881 BASIC			
SIZE	Centerline 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	31287	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	34208	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
881CTD	38466	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	38467	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
A 27554	27554	2-1/2" - One-Shot 90° EMT, IMC, Rigid Shoe Group
A 27555	27555	3" - One-Shot 90° EMT, IMC, Rigid Shoe Group
A 31281	31281	3-1/2" - One-Shot 90° EMT, IMC, Rigid Shoe Group
A 31274	31274	4" - One-Shot 90° EMT, IMC, Rigid Shoe Group
A 1813	28901	Bending Table for 881 Bender



# Cam Track® Benders and Shoe Groups



KEY	CAT. NO.	UPC NO.	DESCRIPTION	BENDERS			SHOE GROUPS				
				881BASIC	881CT	881CTD	27554	27555	31281	31274	
A	27416	27416	40-Ton Hydraulic Ram with 4018GB female quick coupler. The ram includes Keys B, G, and two clips from Key F.	1	1	1					
B	27417	27417	Cylinder Block	1	1	1					
C	30309	30309	Yoke	1	1	1					
D	26309	26309	Connecting Bar Unit	2	2	2					
E	27364	27364	Roller Unit-The roller unit includes two clips from Key F	1	1	1					
F	50302	50302	Hitch Pin Clips	6	6	6					
G	27381	27381	Cylinder Block Pin Unit	2	2	2					
H	26306	26306	Yoke Pin	1	1	1					
J	26349	26349	Spring Clip (secures Yoke Unit to Ram)	1	1	1					
	11289	11289	3/8" x 6' (9.5 x 1829 mm) Hydraulic Hose with two 4033GB male quick couplers	1	1	1					
M	26624	26624	Saddle Pin Unit - includes 1 clip from Key F	1	1	1					
N	26297	26297	2-1/2" Shoe 90°		1	1	1				
P	26366	26366	2-1/2" Follow Bar 90°		1	1	1				
O	26580	26580	2-1/2" Saddle		1	1	1				
N	26300	26300	3" Shoe 90°		1	1		1			
P	35400	35400	3" Follow Bar 90°		1	1		1			
O	26584	26584	3" Saddle		1	1		1			
O	26588	26588	3-1/2" Saddle		1				1		
T	31882	31882	3-1/2" Shoe 90°		1					1	
U	31881	31881	3-1/2" Follow Bar 90°		1					1	
O	26594	26594	4" Saddle		1	1					1
T	31884	31884	4" Shoe 90°		1	1					1
U	31883	31883	4" Follow Bar 90°		1	1					1
	2460	23363	Steel Storage Box (not shown)	1	1	1					
	695	30239	Caster Set (not shown)	1	1	1					

## 881-MBT Mobile Bending Table for 881 Series

**NEW PRODUCT**



881-MBT



**VIDEO**

A PRODUCT VIDEO IS AVAILABLE, SCAN THIS QR CODE OR VISIT:

[www.youtube.com/GreenleeDEMO](http://www.youtube.com/GreenleeDEMO)

### SPECIFICATIONS

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

**1- TIME SETUP.  
SAVE 1 HOUR WITH EVERY MOVE!**

**COMPLETE MOBILITY.  
MINIMIZES MATERIAL HANDLING**



- Bend conduit where needed for installation (4" x 10' Rigid conduit weighs 100 lbs.)
- Minimize repetitive lifting of bender components reducing fatigue on back.

**ON-BOARD STORAGE.  
BECAUSE SPACE IS A PREMIUM**

All components pin to the table, reducing component loss and for convenient transport from site to site.

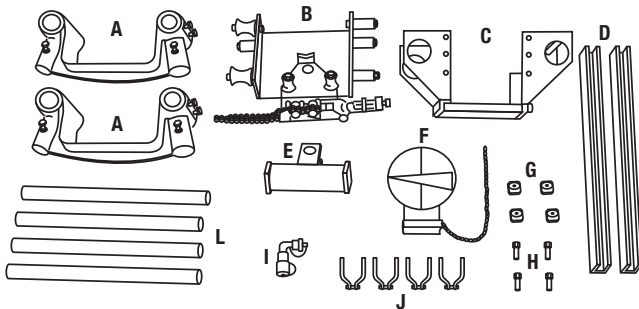
CAT. NO.	UPC NO.	DESCRIPTION
881-MBT	00903	Mobile Bending Table
27554	27554	2-1/2" - One-Shot 90° EMT, IMC, Rigid Shoe Group
27555	27555	3" - One-Shot 90° EMT, IMC, Rigid Shoe Group
31281	31281	3-1/2" - One-Shot 90° EMT, IMC, Rigid Shoe Group
31274	31274	4" - One-Shot 90° EMT, IMC, Rigid Shoe Group
1813	28901	Bending Table for 881 Bender

## 1813 Table (only) for 881 Series Benders

- Converts the 881 Bender into a comfortable, bench-high machine... reduces operator fatigue, makes loading faster, easier.
- Offset and one-shot bends in all three types of conduit are made quickly and easily with consistent accuracy.
- Pipe vise holds conduit securely for accurate bends. Prevents conduit from twisting or turning during bend.
- Includes 1805 Bending Degree Protractor and metal storage box.

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT
1813	28901	Bending Table for 881 Series Bender	186 lbs (85 kg)

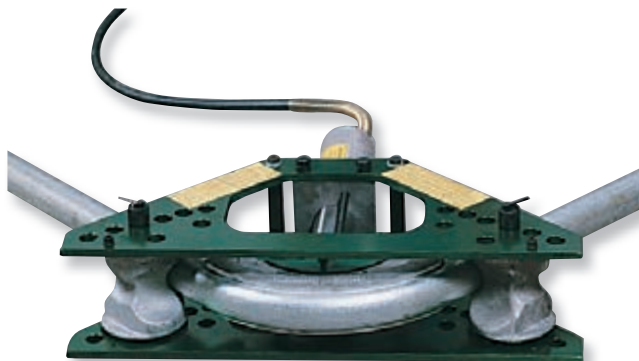
### PARTS



KEY	CAT. NO.	UPC. NO.	DESCRIPTION	1813/28901
A	21541	21541	Leg Support Unit	2
B	28900	28900	Carriage Unit w/vise	1
C	28885	28885	Bender Mounting Unit	1
D	29004	29004	Pump Table Support	2
E	29022	29022	Ram Positioner	1
F	1805	21318	Bending Degree Protractor	1
G	53824	53824	Pump Bracket	4
H	51185	51185	Pump Mounting Screw	4
I	29014	29014	90° Coupling Unit	1
J	53014	53014	Steel Conduit Clamp	4
L	21346	21346	Legs	4
	1531	23274	Steel Storage Box (not shown)	1
	51593	51593	Hex Nut	4
	50975	50975	Cap Screw	4
	51674	51674	Washer	4

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

**Bending**



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

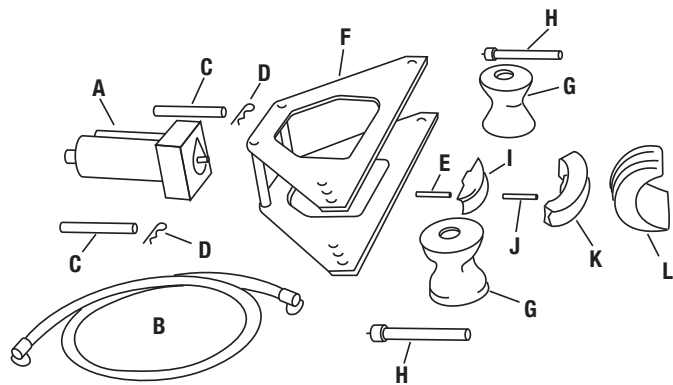
### SPECIFICATIONS

<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 lbs. (75 kg) 777HC755: 173 lbs. (79 kg) 777E975: 508 lbs. (231 kg)

CAT. NO.	UPC NO.	DESCRIPTION
777	16491	1-1/4" through 2" One-Shot and 2-1/2" through 4" Segment, Rigid Conduit Bender without hydraulic pump
777HC755	16470	1-1/4" through 2" One-Shot and 2-1/2" through 4" Segment, Rigid Conduit Bender with 755 Hand Hydraulic Pump
777E975	34198	1-1/4" through 2" One-Shot and 2-1/2" through 4" Segment, Rigid Conduit Bender with 975 Electric Hydraulic Pump
<b>A</b> 1802	21257	Bending Table (Optional)
<b>A</b> 21359	21359	Conduit Support Pin for use with 1802 Bending Table - (2) Required

### 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



KEY	CAT. NO.	UPC NO.	DESCRIPTION	777
A	1736	13251	27-Ton Hydraulic Ram with 4018GB female quick coupler, includes Keys C thru E	1
B	11289	11289	3/8" x 6' (9.5 x 1829 mm) Hose with two 4033GB male quick couplers	1
C	13252	13252	Cylinder Head Pin Unit with Spring Clip 2725AA (Key D)	2
D	50302	50302	Spring Clip	2
E	10826	10826	Ram Pin	1
F	13232	13232	Frame Unit	1
G	13193	13193	Conduit Support	2
H	14496	14496	Conduit Support Pin	2
I	10939	10939	Small Shoe Support 1/2" thru 2"	1
J	10826	10826	Shoe Pin	1
K			90° Aluminum Bending Shoes	
	10920	10920	1-1/4" Shoe	1
	10921	10921	1-1/2" Shoe	1
	10922	10922	2" Shoe	1
L			Aluminum Segment Bending Shoes	
	13208	13208	2-1/2" Shoe	1
	13209	13209	3" Shoe	1
	13210	13210	3-1/2" Shoe	1
	13211	13211	4" Shoe	1
M	13382	13382	Steel Storage Box (not shown)	1

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



Shown with OPTIONAL 1802 Bending Table & OPTIONAL 980 pump

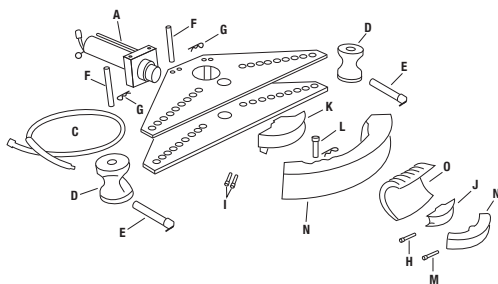
- Strong, yet lightweight, portable, pin-assembled aluminum components.
- Easy-to-use ram travel scale and charts for accurate bends.
- Make elbows, offsets and saddles.
- Both 884 and 885 bend One-Shot 90°s in 1-1/4" - 4" Rigid conduit.
- Optional shoes available to bend PVC-coated Rigid conduit.
-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

CAT. NO.	UPC NO.	DESCRIPTION
884	16477	1-1/4" through 4" Rigid Conduit Bender, without hydraulic pump
884E980	34209	1-1/4" through 4" Rigid Conduit Bender, with 980 Electric Hydraulic Pump
884PVC	33614	1-1/4", 1-1/2", 2", 3" and 4" PVC Coated Rigid Conduit Bender without hydraulic pump
885	16751	1-1/4" through 4" One-Shot and 5" Segment Rigid Conduit Bender, without hydraulic pump
885E980	34210	1-1/4" through 4" One-Shot and 5" Segment Rigid Conduit Bender, with 980 Electric Hydraulic Pump
A 1802	21257	Bending Table (Optional)

### SPECIFICATIONS

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

## 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"	25" (635 mm) (885 only)		

KEY	CAT. NO.	UPC NO.	DESCRIPTION	884	884PVC	885
A	1737	16752	27-Ton Hydraulic Ram with 4018GB female quick coupler, includes Keys F thru I.	1	1	1
C	11289	11289	3/8" x 6' (9.5 x 1829 mm) Hydraulic Hose with two 4033GB male quick couplers	1	1	1
D	15671	15671	Conduit Support	2		2
	33454	33454	Conduit Support (not shown)		2	
E	16747	16747	Conduit Support pin	2	2	2
F	16753	16753	Cylinder Head Pin Unit with Spring Clip 2725AA	2	2	2
G	50302	50302	Spring Clip	2	2	2
H	25184	25184	Ram Pin	1	1	1
I	10946	10946	Large Ram Pin	2	2	2
J	10939	10939	Small Shoe Support (1/2" through 2")	1	1	1
K	16741	16741	Large Shoe Support (2-1/2" through 4")	1	1	1
L	10963	10963	Large Shoe Pin	1	1	1
M	10826	10826	Small Shoe Pin	1	1	1
	2050	19811	Steel Storage Box (not shown)	1	1	1
	10920	10920	1-1/4" Shoe - Rigid	1		1
N	10921	10921	1-1/2" Shoe - Rigid	1		1
N	10922	10922	2" Shoe - Rigid	1		1
N	10923	10923	2-1/2" Shoe - Rigid	1		1
N	10924	10924	3" Shoe - Rigid	1		1
N	10925	10925	3-1/2" Shoe - Rigid	1		1
N	14265	14265	4" Shoe - 20" centerline radius - Rigid	1		1
N	15669	15669	5" Shoe - Rigid			1
O	33459	33459	1-1/4" Shoe - PVC		1	
N	33463	33463	1-1/2" Shoe - PVC		1	
N	33462	33462	2" Shoe - PVC		1	
N	34340	34340	3" Shoe - PVC		1	
N	34344	34344	4" Shoe - PVC		1	
N	34329	34329	7/8" Wrench (not shown)		1	

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

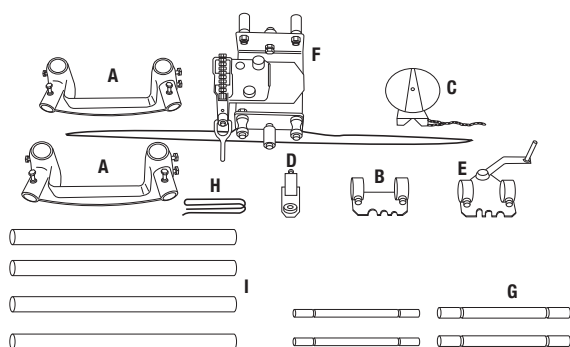


Typical setup with bender (see note)  
Shown with 884 Bender and  
980 Pump

- 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.

CAT. NO.	UPC NO.	DESCRIPTION
1802	21257	Bending Table - includes pipe support pins for 884 or 885 Benders
<b>A</b> 21359	21359	Pipe support Pin for use with 777, 883 and 883-4 Benders, two (2) are required (Optional)
<b>A</b> 21357	21357	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).



KEY	CAT. NO.	UPC NO.	DESCRIPTION	1802
A	21541	21541	Leg Support Unit	2
B	21545	21545	Bender Bracket Unit	1
C	1805	1805	Bending Degree Protractor	1
D	21542	21542	Chain Idler Unit	1
E	21543	21543	Crank Bracket Unit	1
F	21544	21544	Pipe Vise Unit	1
G	21360	21360	Pipe Support Pin – 1-1/2" for 884 and 885 Bender	2
H	21413	21413	Chain Extension Kit	1
I	21346	21346	Legs	4
	1531	23274	Steel Storage Box (not shown)	1

### SPECIFICATIONS

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



## 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

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

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT	
			LBS.	kg
975	33516	Electric Hydraulic Pump	51	23
34369	34369	Seal Kit		



## 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 eliminates 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)

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT	
			LBS.	KG
980	33515	Electric Hydraulic Pump with Pendant	71	32
980-22	36314	Electric Hydraulic Pump	71	32
980-22PS	36313	Electric Hydraulic Pump with Pendant Switch	71	32
34369	34369	Seal Kit		



Note: 980-22 is 220V pump only, no control switch

## 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	
			LBS.	KG
4016 GB	51059	Hydraulic Oil – 1 Gallon (3.8 l)	8.5	3.9
4017 GB	50806	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 waives the guarantee on Greenlee hydraulic equipment.

# PVC HEATERS & BLANKETS

## PVC Bending Equipment Selection Guide

### PVC HEATING

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	125	✓	✓	✓	✓	✓							
860-3 PVC Heating Blanket	125						✓	✓	✓				
860-4 PVC Heating Blanket	125									✓	✓		
<b>HEATERS</b>													
849 PVC Heater	126	✓	✓	✓	✓	✓	✓						
851 PVC Heater	126	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
847 / 848 PVC Heater	126	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

### 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 lbs. (.8 kg)	3.3 lbs. (1.5 kg)	4.9 lbs. (2.2 kg)
<b>Wattage</b>	800	800	1300

CAT. NO.	UPC NO.	DESCRIPTION
860-1-1/2	31486	PVC Heating Blanket for up to 1-1/2"
860-3	31487	PVC Heating Blanket for 2"-3"
860-4	31488	PVC Heating Blanket for 3-1/2" and 4"

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



120 VAC  
20 AMP

- 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

<b>Capacity</b>	1/2" - 2" PVC All Schedules
<b>Power Source</b>	120 VAC 20 Amp or 3000 Watt Generator
<b>Weight</b>	15 lbs. (6.8 kg)

CAT. NO.	UPC NO.	DESCRIPTION
849	27395	Electric PVC Heater for 1/2" - 2"
27811	27811	Calrod Heating Element

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



120 VAC  
20 AMP

- 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.

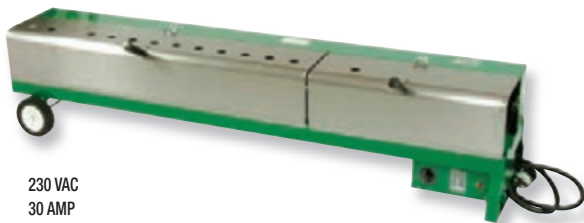
### SPECIFICATIONS

<b>Capacity</b>	1/2" - 4" PVC All Schedules
<b>Power Source</b>	120 VAC 20 Amp or 3600 Watt Generator
<b>Length</b>	52" (1321 mm)
<b>Weight</b>	53 lbs. (24 kg)
<b>Wattage</b>	2300

CAT. NO.	UPC NO.	DESCRIPTION
851	35577	Electric PVC Heater for 1/2" - 4"
35592	35592	Calrod Heating Element

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

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



230 VAC  
30 AMP

- 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 allow heating shorter lengths with one door open.
- Sturdy wheels for easy mobility.
- Heats 65" Long section of pipe.

### SPECIFICATIONS

<b>Capacity</b>	1/2" - 6" PVC All Schedules
<b>Power Source</b>	230 VAC 30 AMP or 7000 Watt Generator
<b>Length</b>	71" (1803 mm)
<b>Weight</b>	847 - 78 lbs. (36 kg) 848 - 80 lbs. (37 kg)
<b>Wattage</b>	6600

CAT. NO.	UPC NO.	DESCRIPTION
847	30866	Electric PVC Heater for 1/2"-6" All Schedules
848	30867	Electric PVC Heater with Motorized PVC Rotation for 1/2"-6" All Schedules
31092	31092	Motorized PVC rotation kit for 847
857	31093	PVC Roller Support (Optional)
30908	30908	Calrod Heating Element

# PVC ACCESSORIES

## PVC Plugs and Plug Set



### SPECIFICATIONS

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

- 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.

CAT. NO.	UPC NO.	DESCRIPTION
859-4	35740	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	30976	2" PVC Plug
<b>R</b> 30977	30977	2-1/2" PVC Plug
<b>R</b> 30978	30978	3" and 3-1/2" PVC Plug
<b>R</b> 30979	30979	4" PVC Plug
<b>R</b> 30980	30980	5" PVC Plug
<b>R</b> 30981	30981	6" PVC Plug
<b>R</b> 31228	31228	Plastic Carrying Case

## PVC Cutter

862



- Cuts 3/4" schedule 40 PVC
- Cuts 1/8" - 1-3/8" (3-35mm) O.D. flexible plastic pipe
- Diecast aluminum alloy body for added strength and blade guide for square cuts.
- Reversible blade for twice the life.
- Handle latch for safety.

### SPECIFICATIONS

<b>Capacity</b>	Up through 1-3/8" O.D. Flexible Plastic Pipe
<b>Weight</b>	0.36 lbs. (0.16 kg)

CAT. NO.	UPC NO.	DESCRIPTION
862	89806	Plastic Pipe Cutter

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



- Ratchet action for fast, easy cutting.
- Heat-treated, replaceable steel blade for long cutting life.
- Rugged metal alloy frame for durability.

### SPECIFICATIONS

<b>Capacity</b>	Up thru 1-1/4" PVC
<b>Weight</b>	0.8 lbs. (0.4 kg)

CAT. NO.	UPC NO.	DESCRIPTION
864	04253	PVC Cutter for up to 1-1/4"
<b>R</b> 00355	00355	Blade Kit

## PVC Cutter for up to 2"



- High-leverage compound ratchet action and long handles reduce effort.
- Heavy-duty metal frame for cutting large diameters.
- Sharpenable and replaceable tool steel blade.

### SPECIFICATIONS

<b>Capacity</b>	Up thru 2" PVC
<b>Weight</b>	2.5 lbs. (1.1 kg)

CAT. NO.	UPC NO.	DESCRIPTION
865	09865	PVC Cutter for up to 2"
<b>R</b> 07978	07978	Blade

## Protractor with Magnetic Base



### SPECIFICATIONS

Weight 0.4 lbs. (0.2 kg)

CAT. NO.	UPC NO.	DESCRIPTION
1895	35905	Angle Protractor with Magnetic Base



# CAMERAS

## FF200 FishFinder™ Plus Vision System

**NEW**  
PRODUCT



- Inspect near energized circuits with 4' (1.2m) CAT IV 600V; CAT III 1000V optical cable
- Water tight optical cable for submerged inspections
- Built-in memory for capturing over 2000 pictures
- Image download capability & RCA video output
- 180° image rotation for easy viewing

### SPECIFICATIONS

CAT IV 600V; CAT III 1000V optical cable  
TÜV Product Service  
CE Rating-European Directives

#### Kit Includes:

- Handheld Display Unit
- 4' (1.2m) CAT IV 600V; CAT III 1000V Optical Cable
- 4 AA Batteries
- USB Cable
- Hook, Magnet and Mirror Tip Accessories
- Rugged Carrying Case

CAT. NO.	UPC NO.	DESCRIPTION
<b>N</b> FF200	12424	FishFinder Plus Vision System
<b>R</b> 56270	56270	48" (14 mm) Replacement Optical Cable

# VACUUM/BLOWERS

## 690-15 Power Fishing System



- Fully equipped power fishing system – 690 system comes with all accessories needed to fish a pulling line and a new locking storage box to hold it all.
- Two-stage motor offers balance of airflow and pressure for faster runs with higher payload.
- Larger pistons can carry a line further because there is more airflow to create greater pressure.
- New motor is 10% more efficient.
- Large 8" rear wheels and dual front casters make the 690-15 more stable and easier to transport around the work area.
- Larger 12 gallon tank sports a new sleep design and easily holds any of the available hose options.
- Tangential bypass means better cooling in contaminated or wet environments for longer life.
- Washable mesh stainless steel filter that never needs to be replaced.
- ¼" Polyethylene tank.
- Impact resistant, chemical resistant.
- Industrial wheel, axel, caster.
- Thermoset motor components.
- Equipped with 15 foot hose standard to reach most applications.
- Attached storage container keeps all components at hand and easy to access.
- New steel transport handle makes pulling up stairs and over debris easy.

### 690-15 VACUUM/BLOWER POWER FISHING SYSTEM

Voltage	120AC
Peak amp	12A
Motor type	7.2" Two-Stage Bypass
Suction lift	113
Air flow (cfm)	107
Tank capacity	12
Tank material	¼" Polyethylene with UV
Filter type	Stainless Steel, Washable
Hose length	15 feet
Weight	50 lbs.
Transport handle	Yes
Casters/wheels	8" Wheels/Dual 3" Casters
Carry handles	Yes
Storage box	Attached Side Tank
UL listed	Yes

### SPECIFICATIONS

Capacity	1/2" - 4" Conduit (5" and 6" with optional foampistons) see page 132
Power Source	120 VAC
Weight	50 lbs. (22.7 kg)
Air Flow	120 cfm
Pressure	Will lift 110" (2794 mm) of water
Motor	2-stage, 7.2" tangential bypass

### INCLUDED ACCESSORIES

String Adapter
½" to 1" Conduit Seal
1-1/4" to 2-1/2" Conduit Seal
3" to 4" Conduit Seal
½" to 4" Conduit Pistons for EMT and Rigid
2,150' Pull String

### AVAILABLE ACCESSORIES

Hoses (in feet)	10', 15', and 25'
Motor Kit	Backwards/Forwards Compatible Kit
Tank Kit	Backwards/Forwards Compatible Kit

CAT. NO.	UPC NO.	DESCRIPTION
690-15	31339	Vacuum/Blower Power Fishing System - 120 VAC
618	16517	Piston for 5" Conduit
619	16951	Piston for 6" Conduit
16646	16646	Accessory - Adapter for 5" - 6" conduit
690-RM	01552	Replacement motor unit
690-RT	01553	Replacement tank unit
RH10	01541	10' x 1-1/2" hose
RH15	01542	15' x 1-1/2" hose
RH25	01543	25' x 1-1/2" hose
24779	24779	Replacement piston set

## 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

<b>Capacity</b>	1/2" - 4" Conduit (5" and 6" with optional foam pistons)
<b>Power Source</b>	120 VAC 20 Amp
<b>Weight</b>	34 lbs. (15.2 kg)

CAT. NO.	UPC NO.	DESCRIPTION
591	32432	Portable Blower Power Fishing System
<b>A</b> 618	16517	Piston for 5" Conduit
<b>A</b> 619	16951	Piston for 6" Conduit
<b>A</b> 16646	16646	Adapter for 5" - 6" conduit

\*See next page for parts list.

## 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.

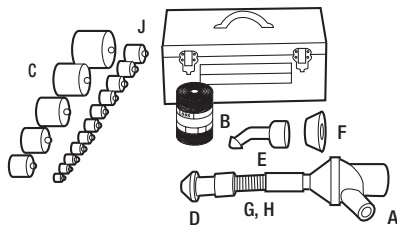
### SPECIFICATIONS

<b>Capacity</b>	1/2" - 4" conduit, through 6" with additional optional accessories
<b>Power Source</b>	Use with blower power fishing systems
<b>Weight</b>	592-20 lbs. (9 kg)    691-1.7 lbs.(0.8 kg)

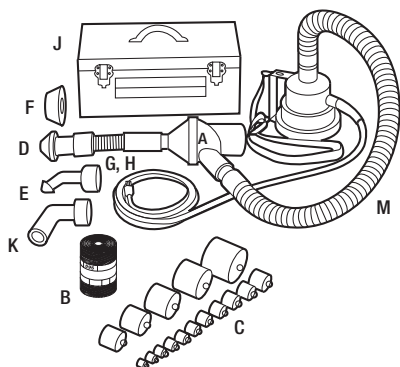
CAT. NO.	UPC NO.	DESCRIPTION
592	32565	Mighty Mouser® Blow Gun Kit for 1/2" - 4" Conduit in metal box
<b>R</b> 691	32095	Mighty Mouser Blow Gun (only)
<b>A</b> 595	32433	Fish Line - 85 lbs. (378 N) pulling strength; 2,150' (655 m) long
<b>A</b> 618	16517	Piston for 5" Conduit
<b>A</b> 619	16951	Piston for 6" Conduit
<b>A</b> 16646	16646	Adapter for 5" - 6" conduit

\*See next page for parts list.

## Parts List for Models 591 and 592



592 Mighty Mouser® Blow Gun Kit



591 Portable Blower Power Fishing System

KEY	CAT. NO.	UPC NO.	DESCRIPTION	592	591
A	691	32095	Mighty Mouser® Blow Gun	1	1
B	595	32433	Fish Line – 85 lbs. (378N) pulling strength; 2,150' (655 m) long	1	1
C	*		Piston set for 1/2"-4" conduit (EMT & Rigid)		
D	25644	25644	Adapter Cone 1-1/4"-2-1/2" Conduit	1	1
E	25646	25646	Adapter Cone 1/2"-1" Conduit	1	1
F	25645	25645	Adapter Cone 3"-4" Conduit		1
G	32104	32104	Flexible Hose 1-1/2" dia. x 1' (38.1 mm x 305 mm)	1	1
H	33451	33451	Hose Clamp	1	1
J	32662	32662	Storage Box	1	1
K	23360	23360	Adapter Nozzle for Tape and Line		1
M	32431	32431	Flexible Hose 1-1/2" x 4' (38.1 mm x 1.2 m)		1

\*See below

## Conduit Pistons



- Use with blower or vacuum power fishing system to pioneer the line through the conduit run.
- Flexible foam body for 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".

### PISTON SETS

CAT. NO.	UPC NO.	DESCRIPTION
S2613	26777	1/2", 3/4", 1", 1-1/4", 1-1/2" and 2" EMT, IMC and Rigid
34317	34317	2-1/2", 3", 3-1/2" and 4" EMT

### INDIVIDUAL PISTONS

CAT. NO.	UPC NO.	PACKAGE	CONDUIT SIZE	CONDUIT TYPE	COLOR
608-5	08263	POP	1/2"	All	Green
608	11038	BULK	1/2"	All	Green
609-5	08264	POP	3/4"	All	Green
609	11039	BULK	3/4"	All	Green
610-5	08265	POP	1'	All	Green
610	11040	BULK	1'	All	Green
611-3	08266	POP	1-1/4"	All	Green
611	11041	BULK	1-1/4"	All	Green
612-2	08267	POP	1-1/2"	All	Green
612	11042	BULK	1-1/2"	All	Green
613	16511		2"	All	Green
614	16512		2-1/2"	IMC, Rigid	Green
621	19107		2-1/2"	EMT	Yellow
615	16513		3"	IMC, Rigid	Green
622	19109		3"	EMT	Yellow
616	16514		3-1/2"	IMC, Rigid	Green
646	24326		3-1/2"	EMT	Yellow
617	16515		4"	IMC, Rigid	Green
623	19110		4"	EMT	Yellow
618	16517		5"	All	Green
619	16951		6"	All	Green

## Poly Line



- Ready-to-use, pre-punched hole in lid with resealable cap.
- Use with power fishing systems directly from the container.
- Resists tangling when dispensing.
- Rot and mildew resistant.
- Handy reusable plastic dispenser pail with handle keeps the line dry.
- Use to pull rope through conduit.

### SPECIFICATIONS

<b>Capacity</b>	430 and 430-500 - 210 lbs. (934 N) average breaking strength
	431 - 240 lbs. (1 kN) average breaking strength
	37959 - 500 lbs. (2.2 kN) average breaking strength
<b>Weight</b>	430 - 11 lbs. (5 kg)
	430-500 - 1 lb. (0.5 kg)
	431 - 12 lbs. (5.4 kg)
	37959 - 12 lbs. (5.4 kg)

CAT. NO.	UPC NO.	DESCRIPTION
430	21481	Poly Line 6500' (1981 m), Green Tracer
430-500	12598	Poly Line 500' (152 m), Green Tracer
431	21482	Poly Line 5200' (1585 m), Yellow Tracer
37959	37959	Poly Line 2200' (670 m), Red Tracer

## MEASURING TAPES

### High-Strength Polyaramid Measuring/Pulling Tapes



- Pull small cables or install pull rope for large cable pulling jobs.
- Made of Polyaramid (equivalent to Kevlar®\*), will not rot or deteriorate. 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.

### SPECIFICATIONS

Cat. No.	Average Breaking Strength	Length	Weight
39243	1250 lbs. (5.56 kN)	3000' (914 m)	10.5 lbs. (4.8 kg)
39244	1800 lbs. (8.01 kN)	3000' (914 m)	14.5 lbs. (6.6 kg)
39245	2500 lbs. (11.12 kN)	3000' (914 m)	18 lbs. (8.2 kg)

CAT. NO.	UPC NO.	DESCRIPTION
39243	39243	Conduit Measuring Tape 1/4" × 3000' (6.4 mm × 914 m)
39244	39244	Conduit Measuring Tape 3/8" × 3000' (9.5 mm × 914 m)
39245	39245	Conduit Measuring Tape 1/2" × 3000' (12.7 mm × 914 m)

\* Kevlar is a registered trademark of E. I. DuPont, Inc.



## High-Strength Polyester Measuring/Pulling Tapes



- 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 innerduct.
- Easy-to-read footage markings for quick and accurate measurements.
- Available in various tensile strengths for use in any application.

### SPECIFICATIONS

Cat. No.	Average Breaking Strength	Length	Weight
4435	1250 lbs. (5.56 kN)	3000' (914 m)	23.6 lbs. (10.7 kg)
4436	1800 lbs. (8.01 kN)	3000' (914 m)	31.2 lbs. (14.2 kg)
4437	2500 lbs. (11.12 kN)	3000' (914 m)	39.4 lbs. (17.9 kg)

CAT. NO.	UPC NO.	DESCRIPTION
4435	10445	Polyester Measure/Pulling Tape 1/2" x 3,000' (12.7 mm x 914m)
4436	10446	Polyester Measure/Pulling Tape 5/8" x 3,000' (15.9 mm x 914m)
4437	10447	Polyester Measure/Pulling Tape 3/4" x 3,000' (19.1 mm x 914m)

## Polyester Measuring Tape and Dispenser



435 Measuring Tape shown on 434 Dispenser – sold separately.

- 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

<b>Size</b>	3000' (914 m)
<b>Capacity</b>	170 lbs. (756 kN) average breaking strength
<b>Weight</b>	435: 4.4 lbs. (2.0 kg), 434: 3.5 lbs. (1.6 kg)

CAT. NO.	UPC NO.	DESCRIPTION
435	21562	Conduit Measuring Tape 3/16" x 3000' (4.8 mm x 914 m)
A 434	21875	Pay-Out Dispenser for 435 Conduit Measuring Tape

**Meeting today's stringent safety standards is essential.**

Greenlee's certification of selected instruments to both the most recent IEC and UL requirements brings you assurance of the highest level of protection currently available.

**What you should know about Measurement Category ratings.**

IEC Category standards specify protection levels that are far above a system's rated capacity. Without this additional protection, transient overvoltages, which are becoming increasingly common, can lead to serious injury or death.

**Measurement Category I** is the signal level for telecommunications and electronic equipment or other circuits that are not directly connected to the utility mains.

**Measurement Category II** is the local level for fixed or nonfixed powered devices – everything from lighting to appliances to office equipment such as copiers. May also be used in Category I areas.

**Measurement Category III** is the distribution level – fixed 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. May also be used in Category II and Category I areas.

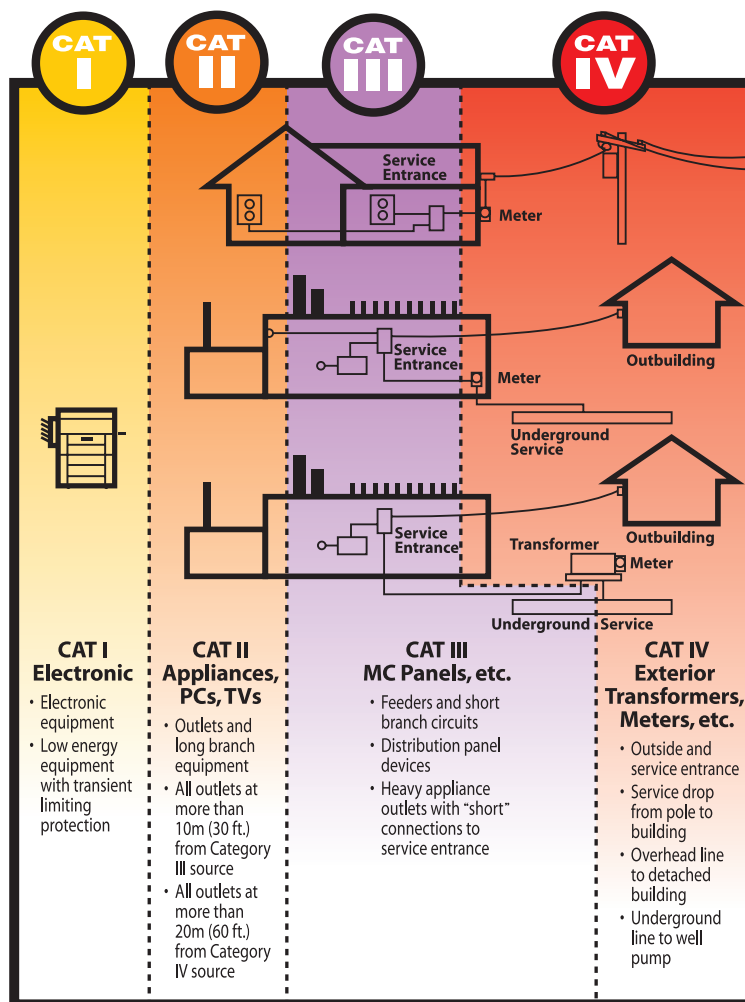
**Measurement Category IV** is the primary supply level. Greenlee is leading the way in offering protection certified to conform with the highest level of protection as specified by UL & IEC standards. May be used in all Category environments.

**Greenlee Instruments** – Independently tested and certified to meet the standards.

Throughout this catalog, you'll see Category designations for many Greenlee instruments indicating that they comply with UL & IEC Category II, III, IV. All of these designations reflect third-party testing by independent testing organizations such as UL and ETL – added assurance for you. While there is no requirement for independent verification, we believe you deserve it.

**Get the right protection for the job.**

Wherever you need overvoltage protection, choose at least the rating appropriate to the type of work you expect to be doing. If you have any questions on using Greenlee test instruments to help ensure user safety, please contact Greenlee.



# ELECTRICAL TESTERS

## Electrical Testers Comparison Guide

FEATURE	CMT-90	CMT-80	2010	GT-16	GT-12
VDC (V max)	1000	600			
VAC (V max)	1000	600	1000	1000	1000
AAC (A max)	600	400			
Continuity and beeper	•	•			
Resistance	•	•			
Data hold	•	•			
Non-contact voltage detection			•	•	•
Adjustable sensitivity			•	•	
Display type	Digital	Digital	LED	LED	LED
Measurement Category	IV, 600V III, 1000V	III, 600V	III, 1000V	IV, 1000V	IV, 1000V
UL/cUL	•	•	•	•	•
CE	•	•	•	•	•

### Automatic Electrical Tester



- Hassle-free, automatic measurement of amperage, voltage and resistance.
- Low impedance eliminates 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 to capture measurements.
- Accessories included: (1) 9 V battery, test leads and carrying case.
- Lifetime Limited Warranty.

#### SPECIFICATIONS

<b>Amperage Measurement</b>	ACA 0.9 to 600.0
<b>Voltage Measurement</b>	AC V: 1.3 to 999.9; DC V: 2.1 to 999.9; -0.7 to -999.9
<b>Resistance</b>	999Ω; 9.999kΩ
<b>Display</b>	10,000-count LCD
<b>Jaw Opening</b>	1.34" (34 mm)
<b>Measurement Category</b>	CAT IV, 600 V; CAT III, 1000 V

CAT. NO.	UPC NO.	DESCRIPTION
CMT-90	12123	Electrical Tester, 1000V, 600A
R 00606	00606	Test Leads
R TC-10	07534	Carrying case

### Automatic Electrical Tester



- Hassle-free, automatic measurement of amperage, voltage, and resistance.
- Low impedance eliminates stray or "ghost" voltage readings.
- Compact design for measuring in tight spaces.
- Resistance measurement
- Audible continuity test
- Diode test
- Data hold to capture important readings.
- Auto off for longer battery life.
- Accessories included: (1) 9 V battery, test leads, carrying case.
- Lifetime Limited Warranty.

#### SPECIFICATIONS

<b>Amperage Measurement</b>	0.9 - 400.0AAC
<b>Voltage Measurement</b>	AC V: 1.3-600.0V; DC V: 2.1-600.0; -0.7 to -600.0V
<b>Resistance</b>	999Ω; 9.999kΩ
<b>Display</b>	10,000-count LCD
<b>Jaw Opening</b>	1.06" (27 mm)
<b>Measurement Category</b>	CAT III, 600V

CAT. NO.	UPC NO.	DESCRIPTION
CMT-80	07735	Electrical Tester
R 11372	11372	Test Leads
R TC-5	07588	Carrying case

## Touchless AC Voltage Indicator



- Bright LED and audible alarm if voltage is present.
- Fast, easy, non-contact voltage detection.
- Adjustable sensitivity.
- Identifies hot and neutral conductors.
- Checks individual breakers for power.
- Accessories included: (1) 9V battery.
- Lifetime Limited Warranty.

### SPECIFICATIONS

<b>Voltage Measurement</b>	AC V 24-1000
<b>Frequency</b>	50-500Hz
<b>Measurement Category</b>	CAT III, 1000V

CAT. NO.	UPC NO.	DESCRIPTION
2010	34470	Touchless AC Voltage Indicator

## Adjustable Non-Contact Voltage Detector



- Adjustable to safely detect power and low voltage.
- Safely detects AC voltage without touching the bare conductor.
- Adjustable for use on power wiring plus lighting, thermostats and other low voltage circuits.
- Use to detect voltage in outlets, lighting fixtures, wires and cables.
- Finds breaks in wires.
- Identifies hot and neutral conductors.
- Low battery indication.
- Accessories included: (1) 1.5V AAA battery.
- Lifetime Limited Warranty.

### SPECIFICATIONS

<b>Voltage Detection:</b>	AC V 5-1000
<b>Frequency:</b>	50-500Hz
<b>Measurement Category:</b>	CAT IV, 1000V

CAT. NO.	UPC NO.	DESCRIPTION
GT-16	12727	Adjustable Non-Contact Voltage Detector

## Non-Contact Self Testing Voltage Detector



- Design and assembled in USA.
- Patented Automatic self-test verifies the integrity of the unit.
- Bright LEDs and audible alarm sound if voltage is present.
- Silent-mode feature for use in quiet settings.
- Safe, 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 five minutes of non-use to conserve battery life.
- Low battery indicator.
- (2) 1.5V AAA batteries included.
- Lifetime Limited Warranty.

### SPECIFICATIONS

<b>Voltage Detection:</b>	AC V 50-1000
<b>Frequency:</b>	50-500Hz
<b>Measurement Category:</b>	CAT IV, 1000V

CAT. NO.	UPC NO.	DESCRIPTION
GT-12	20947	Non-Contact Self-Testing Voltage Detector

# MULTIMETERS

## DMM Comparison Guide

FEATURE	DM-860A	DML-430A	DM-830A	DM-820A	DM-810A
True RMS	AC+DC	AC+DC	AC+DC	•	•
DCA (A max)	10	10	10	10	10
Maximum resolution (µA)	0.01	0.1	0.1	0.1	0.1
Best accuracy (%)	0.1	0.2	0.2	0.2	0.2
ACA (A max)	10	10	10	10	10
Maximum resolution (µA)	0.01	0.1	0.1	0.1	0.1
Best accuracy (%)	0.5	0.6	0.6	0.6	0.6
DCV (V max)	1000	1000	1000	1000	1000
Maximum resolution (µV)	1	10	10	10	10
Best accuracy (%)	0.02	0.06	0.06	0.06	0.06
ACV (V max)	1000	1000	1000	1000	1000
Maximum resolution (µV)	10	10	10	10	10
Best accuracy (%)	0.3	0.5	0.5	0.5	0.5
Resistance (MΩ)	50	60	60	60	60
Maximum resolution (mΩ)	10	100	100	100	100
Best accuracy (%)	0.07	0.1	0.1	0.1	0.1
Conductance	•	•	•	•	•
Continuity and beeper	•	•	•	•	•
Diode Test	•	•	•	•	•
Capacitance	•	•	•	•	•
Frequency	•	•	•	•	•
Frequency Response (Hz)	20-100k	40-500	40-500	40-500	40-500
Temperature Measurement	Dual	Dual	Dual	Single	
Display Type	Dual Digital	Dual Digital	Dual Digital	Dual Digital	Dual Digital
Display counts	50,000 500,000	10,000	10,000	10,000	10,000
Backlight	•	•	•	•	•
Display update X/sec	5	5	5	5	5
Analog bar graph segments	41	41	41	41	41
Analog update X/sec	60	60	60	60	60
Computer Interface	USB	USB	USB	USB	USB
Auto and manual ranging	•	•	•	•	•
Intelligent Auto Power Off	•	•	•	•	•
Auto Power Off					
Non-Contact Voltage Detection			•	•	
Low Impedance AutoCheck™ mode		•	•		
Beep-Jack™ Input error warning	•	•	•	•	•
Peak (crest) Hold - Max, Min	•	•	•	•	•
Data Hold	•	•	•	•	•
Max/Min/Avg	•	max, min	•	•	•
Relative offset mode ( Δ )	•	•	•	•	•
Process loop measurement	•				
Data logging (points stored, single channel)		87,000			
Data logging (points stored, dual channel)		43,000			
Duty cycle	•	•	•	•	•
VFD (Variable Frequency Drive) ACV & Hz	•				
Measurement Category Rating	IV, 1000	IV, 1000	IV, 1000	IV, 1000	IV, 1000
UL or ETL	•	•	•	•	•
cUL, cETL or CSA	•	•	•	•	•
CE	•	•	•	•	•



## DMM Comparison Guide

FEATURE	DM-510A	DM-210A	DM-200A	DM-65	DM-45	DM-25
True RMS	•					
DCA (A max)	8	8	8	10	10	
Maximum resolution (µA)	0.1	0.1	0.1	0.1	0.1	
Best accuracy (%)	0.5	0.5	0.5	1.0	1.0	
ACA (A max)	8	8	8	10	10	
Maximum resolution (µA)	0.1	0.1	0.1	0.1	0.1	
Best accuracy (%)	1.0	1.0	1.0	1.8	1.8	
DCV (V max)	1000	1000	1000	1000	600	600
Maximum resolution (µV)	10	10	10	100	100	10 mV
Best accuracy (%)	0.2	0.2	0.2	0.8	0.8	0.8
ACV (V max)	1000	1000	1000	1000	600	600
Maximum resolution (µV)	10	10	10	1000	1000	0.1V
Best accuracy (%)	1.0	1.0	1.0	0.8	0.8	1.2
Resistance (MΩ)	60	60	60	60	40	2
Maximum resolution (mΩ)	100	100	100	100	100	100
Best accuracy (%)	0.5	0.5	0.5	1.0	1.0	1.0
Conductivity						
Continuity and beeper	•	•	•	•	•	•
Diode test	•	•	•	•	•	•
Capacitance	•	•		•	•	
Frequency	•	•	•	•	•	
Frequency response (Hz)	50-400	50-400	50-400	40-400	40-400	40-400
Temperature measurement	Single	Single		Single	Single	
Display type	Digital	Digital	Digital	Digital	Digital	Digital
Display counts	6,000	6,000	6,000	6000	4000	2000
Backlight	•	•	•	•	•	
Display update X/sec	5	5	5	3	3	2.5
Analog bar graph segments	24	24	24	61		
Analog update X/sec	40	40	40	3		
Computer interface	USB, RS-232	USB, RS-232	USB, RS-232			
Auto and manual ranging	•	•	•	•	•	
Intelligent Auto power off						
Auto power off	•	•	•	•	•	
Non-contact voltage detection	•	•	•			
Low Impedance AutoCheck™ mode	•					
Beep-Jack™ Input error warning	•	•	•			
Peak (crest) Hold - Max, Min	•					
Data hold	•	•	•	•	•	
Min/Max/Avg	max, min					
Relative offset mode ( Δ )	•	•	•	•	•	
Process loop measurement						
Data logging (points stored, single channel)						
Data logging (points stored, dual channel)						
Duty cycle				•	•	
VFD (variable frequency drive) ACV & Hz						
Measurement Category Rating	IV, 300 III, 600 II, 1000	IV, 300 III, 600 II, 1000	IV, 300 III, 600 II, 1000	IV, 600V	III, 600V	III, 600V
	•	•	•	III, 1000V		
UL or ETL	•	•	•	•	•	•
cUL, cETL or CSA	•	•	•	•	•	•
CE				•	•	•

## ESM™ Industrial 500,000-Count Digital Multimeter



### 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; 5.00000, 50.0000, 500.0000, 1000.00V
<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>	99.99 nS
<b>Capacitance</b>	50.00; 500.0nF; 5.000, 50.00, 500.0µF; 5.000, 25.00 mF
<b>Frequency</b>	5Hz-200kHz sine wave; 5Hz-2MHz logic level square wave
<b>Temperature</b>	K type, -58°F to 1832°F (-50°C to 1000°C)
<b>Measurement Category</b>	CAT IV, 1000V

- AC+DC True RMS, 50,000-count 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.
- Beep-Jack™ audible and visual input alert helps avoid blown fuses or damage to meter.
- 41-segment analog bar graph makes it easy to view quick changes.
- 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.
- Dual temperature measurement up to 1832°F/1000°C using type K thermocouples.
- Bright backlit display is easy to read under any light condition.
- 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, carrying case.
- Lifetime Limited Warranty.

CAT. NO.	UPC NO.	DESCRIPTION
DM-860A	12938	Industrial 500,000-Count Digital Multimeter
DM-860A-C*	02069	Industrial 500,000-Count Digital Multimeter
TC-20	07535	Carrying Case (included)
TSG-3	12034	Sure-Grip Test Leads
TPB	07592	Bead Temperature Probe
DMSC-9U	35773	For DM-800A Series and DML-430A Multimeters

\*Includes Certificate of Calibration

## ESM™ Digital Logging Meter



FEATURING:



### SPECIFICATIONS

<b>Voltage Measurement</b>	60.00, 600.0 mV; 9.999, 99.99, 999.9 V
<b>Amperage Measurement</b>	600.0, 6000µA; 60.00, 600.0mA; 6.000, 10.00A
<b>Resistance</b>	600.0Ω; 6.000, 60.00, 600.0 kΩ; 6.000, 60.00 MΩ
<b>Conductance</b>	99.99nS
<b>Capacitance</b>	60.00, 600.0nF; 6.000, 60.00, 600.0µF; 6.000, 25.00 mF
<b>Frequency</b>	15Hz-50kHz sine wave; 5Hz-1MHz logic level square wave
<b>Temperature</b>	K type, -58 to 1832 °F (-50 to 1000 °C)
<b>Measurement Category</b>	CAT IV, 1000V

- Datalogging capability – stores 87,000 single-channel or 43,000 dual-channel measurements. Use optional USB interface DMSC-9U to transfer data to PC or for direct-to-PC logging.
- 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.
- Backlit LCD displays 2 readings with 10,000 count resolution
- BeepJack™ warns when test leads are incorrectly inserted in current measurement terminals
- Measures voltage, current, resistance, conductance, frequency and capacitance.
- Checks continuity and tests diodes
- Two temperature measurements using type K thermocouples
- Accessories included: (1) 9V battery, bead temperature probe (400°F / 204°C max.), test leads, protective boot, carrying case.
- Lifetime Limited Warranty.

CAT. NO.	UPC NO.	DESCRIPTION
DML-430A	08746	Digital Logging Meter (43,000 data points)
DML-430A-C*	35771*	Digital Logging Meter (43,000 data points)
TC-20	07535	Carrying Case (included)
TSG-3	12034	Sure-Grip Test Leads
TPB	07592	Bead Temperature Probe

\*Includes Certificate of Calibration

## ESM™ Series Digital Multimeters



FEATURING:



DM-830A



DM-820A



DM-810A

### DM-810A features:

- True RMS for no-compromise accuracy
- Measures voltage, current, resistance, capacitance and frequency.
- Tests continuity and diodes.
- Backlit LCD with dual 10,000 count displays
- 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 interface DMSC-9U for direct-to-PC logging.
- Lifetime Limited Warranty

### DM-820A also features:

- 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-810A 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
- 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
- Two temperature measurements using type K thermocouples
- Conductance measurement

### Accessories included:

- (1) 9V battery, bead temperature probe (DM-820A, DM-830A only, 400°F/204°C max), test leads, protective boot, carrying case.

### SPECIFICATIONS

<b>Voltage Measurement</b>	60.00, 600.0 mV; 9.999, 99.99, 999.9 V
<b>Amperage Measurement</b>	600.0, 6000µA; 60.00, 600.0mA; 6.000, 10.00A
<b>Resistance</b>	600.0Ω; 6.000, 60.00, 600.0 kΩ; 6.000, 60.00 MΩ
<b>Conductance</b>	99.99nS
<b>Capacitance</b>	60.00, 600.0nF; 6.000, 60.00, 600.0µF; 6.000, 25.00 mF
<b>Frequency</b>	15Hz-50kHz sine wave; 5Hz-1MHz logic level square wave
<b>Temperature</b>	K type, -58 to 1832 °F (-50 to 1000 °C)
<b>Measurement Category</b>	CAT IV, 1000V

CAT. NO.	UPC NO.	DESCRIPTION
DM-830A	08745	Digital Multimeter
DM-830A-C*	35770*	Digital Multimeter
DM-820A	08744	Digital Multimeter
DM-820A-C*	35760*	Digital Multimeter
DM-810A	08743	Digital Multimeter
DM-810A-C*	35759*	Digital Multimeter
<b>R</b> TC-20	07535	Carrying Case
<b>R</b> TSG-3	12034	Sure-Grip Test Leads
<b>R</b> TPB	07592	Bead Temperature Probe (included with DM-820A, DM-830A)

\* Includes Certificate of Calibration

## ESM™ Series Digital Multimeters



DM-510A



DM-210A



DM-200A

### 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.
- Lifetime Limited Warranty

### DM-210A also features:

- Measures capacitance
- Measures temperature using a type K thermocouple

### DM-510A has all DM-200A 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. Low impedance masks “ghost” voltage pickup.
- Measures capacitance
- Measures temperature using a type K thermocouple

### Accessories included:

(2) 1.5V AAA batteries, bead temperature probe (DM-210A, DM-510A only, 400°F/204°C max), test leads, 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; 5Hz-999.9kHz 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-510A	08742	Professional Plant Digital Multimeter
DM-510A-C*	35758*	Professional Plant Digital Multimeter
DM-210A	08741	Digital Multimeter
DM-210A-C*	35757*	Digital Multimeter
DM-200A	08740	Digital Multimeter
DM-200A-C*	35756*	Digital Multimeter
TSG-3	12034	Sure-Grip Test Leads

\* Includes Certificate of Calibration



## Digital Multimeter

**NEW PRODUCT**



**CAT III**

**CAT IV**



Intertek



- 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
- Backlit, 6000 count LCD with bar graph
- Lifetime Limited Warranty

### SPECIFICATIONS

<b>Amperage Measurement</b>	600.0, 6000 $\mu$ A; 60.00, 600.0 mA; 6.000, 10.00 A
<b>Voltage Measurement</b>	AC V: 6.000, 60.00, 600.0, 1000 V; DC V: 600.0 mV; 6.000, 60.00, 600.0, 1000 V
<b>Resistance Measurement</b>	600.0 $\Omega$ ; 6.000, 60.00, 600.0 k $\Omega$ ; 6.000, 60.00 M $\Omega$
<b>Frequency Measurement</b>	9.999 Hz to 999.9 kHz
<b>Temperature Measurement</b>	-4 to 1832 $^{\circ}$ F (-20 to 1000 $^{\circ}$ C)
<b>Capacitance Measurement</b>	40.00, 400.0 nF; 4.000, 40.00, 400.0, 4000 $\mu$ F
<b>Measurement Category</b>	CAT IV, 600V; CAT III, 1000V

CAT. NO.	UPC NO.	DESCRIPTION
<b>N</b> DM-65	00339	CATIII, 1000V; CATIV 600V Auto-Ranging Digital Multimeter
<b>R</b> 00450	00450	Test Leads

## Digital Multimeter

**NEW PRODUCT**



**CAT III**

**CAT III**



Intertek



- 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
- Backlit, 4000 count LCD
- Lifetime Limited Warranty

### SPECIFICATIONS

<b>Amperage Measurement</b>	400.0, 4000 $\mu$ A; 40.00, 400.0 mA; 4.000, 10.00 A
<b>Voltage Measurement</b>	AC V: 4.000, 40.00, 400.0, 1000 V; DC V: 400.0 mV; 4.000, 40.00, 400.0, 1000 V
<b>Resistance Measurement</b>	400.0 $\Omega$ ; 4.000, 40.00, 400.0 k $\Omega$ ; 4.000, 40.00 M $\Omega$
<b>Frequency Measurement</b>	9.999 Hz to 999.9 kHz
<b>Temperature Measurement</b>	-4 to 1832 $^{\circ}$ F (-20 to 1000 $^{\circ}$ C)
<b>Capacitance Measurement</b>	40.00, 400.0 nF; 4.000, 40.00, 200.0 $\mu$ F
<b>Measurement Category</b>	CAT III, 600V

CAT. NO.	UPC NO.	DESCRIPTION
<b>N</b> DM-45	00337	CATIII, 600V Auto-Ranging Digital Multimeter
<b>R</b> 00450	00450	Test Leads

## Digital Multimeter

**NEW PRODUCT**



**CAT III**

**CAT III**



Intertek



- Measures AC/DC voltage, and resistance
- Diode and audible continuity tests
- Tests 1.5V and 9V batteries
- Lifetime Limited Warranty

### SPECIFICATIONS

<b>Voltage Measurement</b>	AC V: 200.0, 600 V; DC V: 20.00, 200.0, 600 V
<b>Resistance Measurement</b>	200.0, 2000 $\Omega$ ; 20.00, 200.0, 2000 k $\Omega$
<b>Measurement Category</b>	CAT III, 600V

CAT. NO.	UPC NO.	DESCRIPTION
<b>N</b> DM-25	00334	CATIII, 600V Manual Ranging Digital Multimeter



# CLAMP-ON METERS

## Clamp-on Meter Comparison Guide

FEATURE	CMGRT-100	CMP-200	CMI-200	CMI-100	CM-1550	CM-1500	CM-1350	CM-1300
True RMS		•	•	•	•		•	
DCA (A max)		2000	2500	1000	1000	1000		
Maximum resolution (A)		0.1	0.1	0.1	0.1	0.1		
Best accuracy (%)		1.5	1.5	2.0	1.2	1.2		
ACA (A max)	30	2000	2100	1000	1000	1000	1000	1000
Maximum resolution (A)	1mA	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Best accuracy (%)	2.5	1.5	1.5	2.0	1.9	1.9	1.9	1.9
DCV (V max)		600	600	600	1000	1000	1000	1000
Maximum resolution (V)		0.1	0.1mV	0.1mV	0.1	0.1	0.1	0.1
Best accuracy (%)		1.5	1.5	0.75	0.7	0.7	0.7	0.7
ACV (V max)		600	600	600	750	750	750	750
Maximum resolution (V)		0.1	0.1mV	0.1mV	0.1	0.1	0.1	0.1
Best accuracy (%)		1.5	1.5	1.2	1.0	1.0	1.0	1.0
Resistance (Ω)	1200		40M	40M	400	400	400	400
Maximum resolution (Ω)	0.01		0.1	0.1	0.1	0.1	0.1	0.1
Best accuracy (%)	1.5		1.5	1.0	1.0	1.0	1.0	1.0
Continuity and beeper			•	•	•	•	•	•
Diode test			•	•				
Capacitance								
Frequency		•	•	•	•	•	•	•
Frequency response (Hz)	47-800	40-400	40-1k	40-450	50-500	50-500	50-500	50-500
Temperature (T1)								
Jaw opening	1.25" (32 mm)	2.17" (55 mm)	2.17" (55 mm)	1.81" (46 mm)	2.0" (51 mm)	2.0" (51 mm)	1.85" (47 mm)	1.85" (47 mm)
Display type	Digital	Dual Digital	Digital	Digital	Digital	Digital	Digital	Digital
Display update X/sec		2	2	2	2.5	2.5	2.5	2.5
Count	3000	4000	4000	4000	4000	4000	4000	4000
Analog bar graph segments			40	40	42	42	42	42
Analog update X/sec			20	20	13	13	13	13
Zoom analog bar graph								
Low battery indicator		•	•	•	•	•	•	•
Autoranging	•	•	•	•	•	•	•	•
Auto power off	•		•	•	•	•	•	•
Peak hold				•	•	•	•	•
Data hold	•	•	•	•	•	•	•	•
Min, max			•	•	•	•	•	•
Data logging								
Power factor		•						
True power (kW)		1200						
Apparent Power (kVA)		1200						
Measurement Category	III, 150V	III, 600V	III, 600V	III, 600V	IV, 600V III, 1000V	IV, 600V III, 1000V	IV, 600V III, 1000V	IV, 600V III, 1000V
UL		•	•	•	•	•	•	•
cUL or CSA		•	•	•	•	•	•	•
CE	•	•	•	•	•	•	•	•

## Clamp-on Meter Comparison Guide

FEATURE	CM-950	CM-900	CM-850	CM-800	CM-600	CMT-90	CMT-80	CM-450
True RMS	•		•			•		•
DCA (A max)	600	600						
Maximum resolution (A)	0.1	0.1						
Best accuracy (%)	1.2	1.2						
ACA (A max)	600	600	600	600	600	600	400	600
Maximum resolution (A)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.01
Best accuracy (%)	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.5
DCV (V max)	600	600	600	600	600	1000	600	600
Maximum resolution (V)	0.1	0.1	0.1	0.1	1	0.1	0.1	0.1mV
Best accuracy (%)	0.7	0.7	0.7	0.7	0.8	1.0	1.0	0.3
ACV (V max)	600	600	600	600	600	1000	600	600
Maximum resolution (V)	0.1	0.1	0.1	0.1	1	0.1	0.1	1mV
Best accuracy (%)	1.0	1.0	1.0	1.0	1.2	1.5	1.5	1.5
Resistance (Ω)	400	400	400	400	2000	2000	2000	40M
Maximum resolution (Ω)	0.1	0.1	0.1	0.1	1	0.1	1	0.1
Best accuracy (%)	1.0	1.0	1.0	1.0	1.5	2.0	2.0	0.6
Continuity and beeper	•	•	•	•	•	•	•	•
Diode test						•	•	•
Capacitance								
Frequency	•	•	•	•				•
Frequency response (Hz)	50-500	50-500	50-400	50-400	40-500	50-500	50-60	50-60
Temperature (T1)								
Jaw opening	1.38" (35 mm)	1.38" (35 mm)	1.34" (34 mm)	1.34" (34 mm)	1.38" (35 mm)	1.34" (34 mm)	1.06" (27 mm)	1.02" (26 mm)
Display type	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital
Display update X/sec	2.5	2.5	2.5	2.5	4	1 to 4	1 to 4	3
Count	4000	4000	4000	4000	2000	10,000	10,000	4000
Analog bar graph	42 segments	42 segments	42 segments	42 segments				
Analog update X/sec	13	13	13	13				
Zoom analog bar graph								
Low battery indicator	•	•	•	•	•	•	•	•
Autoranging	•	•	•	•				•
Auto power off	•	•	•	•	•	•	•	•
Peak hold	•	•	•	•				
Data hold	•	•	•	•	•	•	•	•
Min, max	•	•	•	•				
Data logging								
Power factor								
True power (kW)								
Apparent Power (kVA)								
Measurement Category	III, 600V	III, 600V	III, 600V	III, 600V	III, 600V	IV, 600V III, 1000V	III, 600V	III, 600V
UL	•	•	•	•	•	•	•	•
cUL or CSA	•	•	•	•	•	•	•	•
CE	•	•	•	•	•	•	•	•

## Ground Resistance Tester



- Reads ground resistance down to 0.10Ω.
- Fully autoranging with data hold to capture readings.
- Convenient alarm and 99-point memory functions.
- Measures up to 30A RMS ground or leakage current.
- Measures currents down to 1mA.
- Accessories included: (1) 9V battery, molded carrying case, test resistance loop.
- Lifetime Limited Warranty.

### SPECIFICATIONS

<b>Ground Resistance Measurement</b>	0.10 to 1200Ω
<b>Ground/Leakage Current Measurement</b>	299mA; 2.999A, 29.99A
<b>Display</b>	3-3/4-digit LCD, 2999-count
<b>Jaw Opening</b>	1.25" (32 mm)
<b>Measurement Category</b>	CAT III, 150V

CAT. NO.	UPC NO.	DESCRIPTION
CMGRT-100	07653	Ground Resistance Tester
CMGRT-100-C*	07730*	Ground Resistance Tester

\* Includes Certificate of Calibration

## 2000A Power Clamp



- True RMS for accurate measurement when harmonics are present.
- Extra high capacity 2000A measurement.
- Measures True Power, Apparent Power, Reactive Power, Power Factor, voltage, current and frequency.
- Calculates total power and power factor on 3-phase, 3-wire, and 3-phase, 4-wire, and 1-phase, 3-wire circuits using stored measurement.
- Stores up to 4 sets of measurements for calculation on multi-phase and multi-wire circuits.
- Large, easy-to-read, dual 4-digit, 4000-count LCD display for high resolution.
- Instantly recall the calculated Power Factor.
- Accessories included: (1) 9V battery, test leads, carrying case.
- Lifetime Limited Warranty.

### SPECIFICATIONS

<b>True Power</b>	99.99, 999.9, 1200KW
<b>Reactive Power</b>	99.99, 999.9, 1200KVAR
<b>Amperage Measurement</b>	499.9, 2000A
<b>Voltage Measurement</b>	499.9, 600V
<b>Frequency</b>	10Hz-1000Hz
<b>Jaw Opening</b>	2.17" (55 mm)
<b>Measurement Category</b>	CAT III, 600V

CAT. NO.	UPC NO.	DESCRIPTION
CMP-200	07568	2000A Power Clamp
CMP-200-C*	07635*	2000A Power Clamp
00606	00606	Test Leads
TC-55	07747	Carrying Case

\* Includes Certificate of Calibration

## 2500A Industrial Clamp Meter



- True RMS for accurate measurement when harmonics are present.
- High capacity 2500A DC, 2100A AC amperage measurement.
- 600V AC/DC voltage, frequency, and resistance measurements for maximum versatility.
- Peak hold, min-max, relative offset and analog bar graph to help monitor power changes.
- Produces 1mV per amp output to allow use as a remote transducer, linked to a multimeter or oscilloscope.
- Auto power off for longer battery life.
- Accessories included: (1) 9V battery, test leads, carrying case.
- Lifetime Limited Warranty.

### SPECIFICATIONS

<b>Amperage Measurement</b>	AC – 400.0, 2100A; DC – 400.0, 2500A
<b>Voltage Measurement</b>	AC – 4.000, 40.00, 400.0, 600V DC – 400.0mV; 4.000, 40.00, 400.0, 600V
<b>Display</b>	3-3/4-digit, 4000-count (9999 for frequency)
<b>Frequency</b>	99.99, 999.9Hz; 9.999, 99.99, 999.9kHz
<b>Resistance</b>	400.0Ω; 4.000, 40.00, 400.0kΩ; 4.000, 40.00MΩ
<b>Jaw Opening</b>	2.17" (55 mm)
<b>Voltage Output</b>	1mV output per 1 amp input
<b>Measurement Category</b>	CAT III, 600V

CAT. NO.	UPC NO.	DESCRIPTION
CMI-200	07567	2500A Industrial Clamp Meter
CMI-200-C*	07634*	2500A Industrial Clamp Meter
00606	00606	Test Leads
TC-55	07747	Carrying Case



\* Includes Certificate of Calibration

## Industrial Clamp Meter



- High capacity 1000A AC/DC amperage measurement.
- 600V AC/DC voltage, frequency, and resistance measurements for maximum versatility.
- Continuity and diode tests with audible and visual indicators.
- Accessories included: (1) 9V battery, test leads, carrying case.
- Lifetime Limited Warranty.

### SPECIFICATIONS

<b>Amperage Measurement</b>	400.0, 1000A
<b>Voltage Measurement</b>	AC - 4.000, 40.00, 400.0, 600V DC - 400.0mV; 4.000, 40.00, 400.0, 600V
<b>Display</b>	3-3/4-digit, 4000-count (9999 for frequency)
<b>Frequency</b>	Voltage Mode - 99.99, 999.9Hz; 9.999, 99.99, 800.0kHz Current Mode - 99.99, 999.9Hz
<b>Resistance</b>	400.0Ω; 4.000, 40.00, 400.0kΩ; 4.000, 40.00MΩ
<b>Jaw Opening</b>	1.81" (46 mm)
<b>Measurement Category</b>	CAT III, 600V

CAT. NO.	UPC NO.	DESCRIPTION
CMI-100	07564	Industrial Clamp Meter
CMI-100-C*	07631*	Industrial Clamp Meter
00606	00606	Test Leads
TC-50	07746	Carrying Case



\* Includes Certificate of Calibration

## 1000A AC/DC True RMS Clamp Meter



- True RMS for the most accurate measurement when harmonics are present.
- AC/DC amperage, AC/DC voltage, frequency and resistance measuring capability.
- Dual Hall sensor for the most accurate measurements.
- Easy-to-read backlit display for use in low light conditions.
- Peak and data hold to capture measurement.
- MIN/MAX feature for added versatility.
- Analog bar graph to view quick changes.
- Audible continuity test.
- Selectable Auto Off for longer battery life.
- Accessories included: (1) 9V battery, test leads, carrying case.
- Lifetime Limited Warranty.

### SPECIFICATIONS

<b>Amperage Measurement</b>	400.0, 1000A
<b>Voltage Measurement</b>	AC V: 400.0, 750V; DC V: 400.0, 1000V
<b>Resistance</b>	400.0Ω
<b>Frequency</b>	0.400kHz
<b>Display</b>	4000-count LCD display
<b>Jaw Opening</b>	2.0" (51 mm)
<b>Measurement Category</b>	CAT IV, 600V CAT III, 750V AC/1000V DC

CAT. NO.	UPC NO.	DESCRIPTION
CM-1550	07799	True RMS Clamp Meter
CM-1550-C*	10863*	True RMS Clamp Meter
00606	00606	Test Leads
TC-30	07536	Carrying Case

\* Includes Certificate of Calibration

## 1000A AC/DC Clamp Meter



- AC/DC amperage, AC/DC voltage, frequency and resistance measuring capability.
- Dual Hall sensor for the most accurate measurements.
- Easy-to-read backlit display for use in low light conditions.
- Peak and data hold to capture measurement.
- MIN/MAX feature for added versatility.
- Analog bar graph to view quick changes.
- Audible continuity test.
- Selectable Auto Off for longer battery life.
- Accessories included: (1) 9V battery, test leads, carrying case.
- Lifetime Limited Warranty.

### SPECIFICATIONS

<b>Amperage Measurement</b>	400.0, 1000A
<b>Voltage Measurement</b>	AC V: 400.0, 750V; DC V: 400.0, 1000V
<b>Resistance</b>	400.0Ω
<b>Frequency</b>	0.400kHz
<b>Display</b>	4000-count LCD display
<b>Jaw Opening</b>	2.0" (51 mm)
<b>Measurement Category</b>	CAT IV, 600V per IEC 61010-1 CAT III, 750V AC/1000V DC

CAT. NO.	UPC NO.	DESCRIPTION
CM-1500	07798	Clamp Meter
CM-1500-C*	10862*	Clamp Meter
00606	00606	Test Leads
TC-30	07536	Carrying Case

\* Includes Certificate of Calibration



## 1000A AC True RMS Clamp Meter



- True RMS for the most accurate measurement when harmonics are present.
- AC amperage, AC/DC voltage, frequency and resistance measuring capability.
- Easy-to-read backlit display for use in low light conditions.
- Peak and data hold to capture measurement.
- MIN/MAX feature for added versatility.
- Analog bar graph to view quick changes.
- Audible continuity test.
- Selectable Auto Off for longer battery life.
- Accessories included: (1) 9V battery, test leads, carrying case.
- Lifetime Limited Warranty.

### SPECIFICATIONS

<b>Amperage Measurement</b>	0 - 400.0, 1000A
<b>Voltage Measurement</b>	AC V: 400.0, 750V DC V: 400.0, 1000V
<b>Resistance</b>	0-400.0Ω
<b>Frequency</b>	0.400kHz
<b>Display</b>	4000-count LCD display
<b>Jaw Opening</b>	1.85" (47 mm)
<b>Measurement Category</b>	CAT IV, 600V CAT III, 750V AC/1000V DC

CAT. NO.	UPC NO.	DESCRIPTION
CM-1350	07733	True RMS Clamp Meter
CM-1350-C*	10861*	True RMS Clamp Meter
00606	00606	Test Leads
TC-30	07536	Carrying Case

\* Includes Certificate of Calibration

## 1000A AC Clamp Meter



- AC amperage, AC/DC voltage, frequency and resistance measuring capability.
- Easy-to-read backlit display for use in low light conditions.
- Peak and data hold to capture measurement.
- MIN/MAX feature for added versatility.
- Analog bar graph to view quick changes.
- Audible continuity test.
- Selectable Auto Off for longer battery life.
- Accessories included: (2) 1.5 V AA batteries, test leads, carrying case.
- Lifetime Limited Warranty.

### SPECIFICATIONS

<b>Amperage Measurement</b>	0 - 400.0, 1000A
<b>Voltage Measurement</b>	AC V: 400.0, 750 V DC V: 400.0, 1000V
<b>Resistance</b>	0-400.0Ω
<b>Frequency</b>	0.400kHz
<b>Display</b>	4000-count LCD display
<b>Jaw Opening</b>	1.85" (47 mm)
<b>Measurement Category</b>	CAT IV, 600V CAT III, 750V AC/1000V DC

CAT. NO.	UPC NO.	DESCRIPTION
CM-1300	07732	Clamp Meter
CM-1300-C*	10860*	Clamp Meter
00606	00606	Test Leads
TC-30	07536	Carrying Case

\* Includes Certificate of Calibration

## 600A AC/DC True RMS Clamp Meter



- True RMS for the most accurate measurement when harmonics are present
- AC/DC amperage, AC/DC voltage, frequency and resistance measuring capability.
- Dual Hall sensor for DC amperage accuracy.
- Easy-to-read backlit display for use in low light conditions.
- Peak and data hold to capture measurement.
- MIN/MAX feature for added versatility.
- Analog bar graph to view quick changes.
- Auto zero for DCA measurement.
- Selectable Auto Off for longer battery life.
- Accessories included: (1) 9V battery, test leads, carrying case.
- Lifetime Limited Warranty.

### SPECIFICATIONS

<b>Amperage Measurement</b>	400.0, 600A
<b>Voltage Measurement</b>	400.0, 600V
<b>Resistance</b>	400.0Ω
<b>Frequency</b>	0.400kHz
<b>Display</b>	4000-count LCD
<b>Jaw Opening</b>	1.38" (35 mm)
<b>Measurement Category</b>	CAT III, 600V

CAT. NO.	UPC NO.	DESCRIPTION
CM-950	07700	AC/DC True RMS Clamp Meter
CM-950-C*	10859*	AC/DC True RMS Clamp Meter
00606	00606	Test Leads
TC-10	07534	Carrying Case

\* Includes Certificate of Calibration

## 600A AC/DC Clamp Meter



- AC/DC amperage, AC/DC voltage, frequency and resistance measuring capability.
- Dual Hall sensor for DC amperage accuracy.
- Easy-to-read backlit display for use in low light conditions.
- Peak and data hold to capture measurement.
- MIN/MAX feature for added versatility.
- Analog bar graph to view quick changes.
- Auto zero for DCA measurement.
- Selectable Auto Off for longer battery life.
- Accessories included: (1) 9V battery, test leads, carrying case.
- Lifetime Limited Warranty.

### SPECIFICATIONS

<b>Amperage Measurement</b>	400.0, 600A
<b>Voltage Measurement</b>	400.0, 600V
<b>Resistance</b>	400.0Ω
<b>Frequency</b>	0.400kHz
<b>Display</b>	4000-count LCD display
<b>Jaw Opening</b>	1.38" (35 mm)
<b>Measurement Category</b>	CAT III, 600V

CAT. NO.	UPC NO.	DESCRIPTION
CM-900	07699	AC/DC Clamp Meter
CM-900-C*	10858*	AC/DC Clamp Meter
00606	00606	Test Leads
TC-10	07534	Carrying Case

\* Includes Certificate of Calibration

## 600A AC True RMS Clamp Meter



- True RMS for the most accurate measurement when harmonics are present.
- AC amperage, AC/DC voltage, frequency and resistance measuring capability.
- Easy-to-read backlit display for use in low light conditions.
- Peak and data hold to capture measurement.
- MIN/MAX feature for added versatility.
- Analog bar graph to view quick changes.
- Selectable Auto Off for longer battery life.
- Accessories included: (1) 9V battery, test leads, carrying case.
- Lifetime Limited Warranty.

### SPECIFICATIONS

<b>Amperage Measurement</b>	AC - 400.0, 600A
<b>Voltage Measurement</b>	400.0, 600V
<b>Resistance</b>	400.0Ω
<b>Frequency</b>	0.400kHz
<b>Display</b>	4000-count LCD
<b>Jaw Opening</b>	1.34" (34mm)
<b>Measurement Category</b>	CAT III, 600V

CAT. NO.	UPC NO.	DESCRIPTION
CM-850	07666	True RMS Clamp Meter
CM-850-C*	10857*	True RMS Clamp Meter
00606	00606	Test Leads
TC-10	07534	Carrying Case

\*Includes Certificate of Calibration

## 600A AC Clamp Meter



- AC amperage, AC/DC voltage, frequency and resistance measuring capability.
- Easy-to-read backlit display for use in low light conditions.
- Peak and data hold to capture measurement.
- MIN/MAX feature for added versatility.
- Analog bar graph to view quick changes.
- Selectable Auto Off for longer battery life.
- Accessories included: (2) 1.5 V AA batteries, test leads, carrying case.
- Lifetime Limited Warranty.

### SPECIFICATIONS

<b>Amperage Measurement</b>	AC - 400.0, 600A
<b>Voltage Measurement</b>	400.0, 600V
<b>Resistance</b>	400.0Ω
<b>Frequency</b>	0.400kHz
<b>Display</b>	4000-count LCD display
<b>Jaw Opening</b>	1.34" (34mm)
<b>Measurement Category</b>	CAT III, 600V

CAT. NO.	UPC NO.	DESCRIPTION
CM-800	07664	Clamp Meter
CM-800-C*	10856*	Clamp Meter
00606	00606	Test Leads
TC-10	07534	Carrying Case

\*Includes Certificate of Calibration

## AC Clamp-on Meter



### CM-600 features:

- Both AC amperage and AC/DC voltage measurement.
- Resistance measurement up to 2000Ω.
- Auto power off for longer battery life.
- Accessories included: (1) 9V battery, test leads, carrying case.
- Lifetime Limited Warranty.

### SPECIFICATIONS

Amperage Measurement	600AAC
Voltage Measurement	600V
Display	3-1/2-digit LCD, 2000-count
Resistance	2000Ω
Jaw Opening	1.38" (35 mm)
Measurement Category	CAT III, 600V

CAT. NO.	UPC NO.	DESCRIPTION
CM-600	07593	AC Clamp-on Meter
CM-600-C*	07625*	AC Clamp-on Meter
00606	00606	Test Leads
TC-10	07534	Carrying Case

\* Includes Certificate of Calibration

## True RMS Clamp Meter



- AC amperage, AC/DC voltage measurement.
- True RMS for the most accurate measurement where harmonics are present.
- Quick, easy operation.
- Auto power off for longer battery life.
- Resistance measurement.
- Audible continuity and diode tests.
- Frequency measurement.
- Data hold to capture measurement.
- 4000 count LCD.
- Accessories included: Test leads, 3V Standard button battery (IEC-CR 2032; ANSI-NEDA 54004LC)
- Lifetime Limited Warranty.

### SPECIFICATIONS

Amperage Measurement	40.00, 400.0, 600 A AC
Jaw Opening	1.02" (26 mm)
Display	LCD, 4000-count
Voltage	4.000, 40.00, 400.0, 600 VAC 400.0 mV, 4.000, 40.00, 400.0, 600V DC
Resistance	400.0Ω; 4.000, 40.00, 400.0kΩ; 4.000, 40.00MΩ
Measurement Category	CAT III, 600V per UL 61010-1

CAT. NO.	UPC NO.	DESCRIPTION
CM-450	12726	AC Clamp-on Meter, True RMS
TSG-3	12034	Sure-Grip Test Leads
TC-5	07588	Carrying Case

# LOCATORS

## Locators Application Guide

FEATURE	BLL-200	501	PE2003	508S	521A
Trace concealed wiring in walls and floors		•		•	
Locate junction box relays and transformers	•				
Locate switch gear	•				
Find shorts to ground			• <sup>2</sup>		• <sup>1</sup>
Trace wires in PVC (nonmetallic conduit)	•	•		•	
Find opens in a circuit			• <sup>2</sup>		•
Localize power and lighting panels	•	•		•	
Operate on energized circuits	•	•		•	
Operate on low voltage circuits	•	•	•	•	
Operate on high voltage circuits (600VAC)	•				
Operate on unenergized circuits	•	•	•	•	•
Trace shielded cable	•	• <sup>3</sup>		• <sup>3</sup>	• <sup>3</sup>
Trace coax cable	•	• <sup>5</sup>		• <sup>5</sup>	• <sup>4</sup>
Auto gain circuitry for improved accuracy	•				
AC voltage range	0-600V	0-240V	0-240V	0-240V	0-120V
DC voltage range	0-300V	0-500V	0-400V	0-500V	0-250V
Distance—receiver from transmitter	5,000 ft.	• <sup>7</sup>	5000 ft.	1000 ft.	• <sup>6</sup>
Transmitter battery	(4) AA	(8) AA	12V rechargeable	(1) 9V	(8) D
Receiver battery	(4) AA	(1) 9V	(1) 9V	(1) 9V	(1) 9V

- 10,000 ohms and less—both ends isolated from grounds.
- Does not locate the path—has to be predetermined and only in direct burial applications. 5,000,000 and less.
- Transmitter connected to metallic shield.
- Will trace coax providing the bond is in place at the remote end—will disrupt service.
- No sorting (high RF bleeds) can trace coax if transmitter connected to braid.
- Low frequency locators need a "path to earth" (dirt), 5000 ft. on an open conductor and 2500 ft. on a metallic pipe at 3 ft. deep.
- Direct Connection 4,000 ft at 7 ft deep  
Inductive Coupler 1,000 ft at 3 ft deep  
Inductive Antenna 700 ft at 3 ft deep



# BURIED FACILITY LOCATION AND MARKING

## Pulser Fault Locator



PE2003  
Great complement to any buried line cable locator.

- Identifies the exact location of even the smallest breaks in insulation by "pulsing" a high-voltage signal that radiates into the earth at the location of the faults. With the A-frame mounted receiver, a visual analog meter points the way to the source of the voltage.
- Multiple faults on a single wire can be identified indicating the need to replace instead of repair.
- Extra-long test leads feature heavy-duty alligator clips for use on multiple cable types.
- Includes a rechargeable transmitter, receiver, A-frame, ground stake, 120V charger and a 12V DC (cigarette lighter) adapter.
- Battery operated (one 12V and one 9V battery are included).
- Molded carrying case included.

### SPECIFICATIONS

<b>Power Requirements</b>	Transmitter: (1) 12V rechargeable battery Receiver: (1) 9V battery
<b>Battery Life</b>	Transmitter: 23 hours per charge; Receiver: 200 hours
<b>Transmitter Power</b>	2400VDC peak
<b>Voltage Protection</b>	240VAC/400VDC
<b>Construction</b>	Transmitter – aluminum housing in polyethylene case Receiver – powder coated aluminum
<b>Dimensions</b>	Transmitter – 17" x 8.5" x 6.5" (421 mm x 215 mm x 160 mm) in case Receiver – 33.5" x 21.75" x 3.25" (840 mm x 550 mm x 8 mm) on A-Frame
<b>Weight</b>	12.5 lbs. (5.7 kg) complete

CAT. NO.	UPC NO.	DESCRIPTION
PE2003	08666	Pulser
2000H	60357	Transmitter (Includes CH1 & CH2)
2000R	60358	Receiver
AF2	60482	A-Frame
CH1	60360	AC Charger
CH2	60361	DC Charger
59F0002	66216	Battery, Replacement (12V 2.5 Ah)



## Wire Finder/Mini Locator



- Traces energized or non-energized wires in walls and drop ceilings.
- Provides reliable results on buried cables to depths of 3' (1 m) and lengths up to 1000' (308 m).
- Determines the approximate depth of the wire before digging.
- Compact design and easy-to-understand operations.
- Fully adjustable transmitter and receiver for accurate locating.
- Quick change test leads for use in any industry, even international power outlets.
- Voltage protection to allow use on live AC circuits.
- Automatic shut-off to prevent accidental battery discharge.
- Housed in a durable, molded carrying case with a quick reference operation guide on the inside of the lid.
- Battery-operated: (2) 9V batteries included.

### SPECIFICATIONS

<b>Power Requirements</b>	(1) 9V each (transmitter and receiver, included)
<b>Battery Life</b>	Transmitter 35 hours nominal; Receiver 20 hours nominal
<b>Transmitter Frequency</b>	447.5kHz
<b>Transmitter Power</b>	9Vp-p (11mW)
<b>Voltage Protection</b>	240VAC/500VDC
<b>Construction</b>	Transmitter/Receiver – high-impact ABS plastic, Case – vacuum-formed polyethylene
<b>Dimensions</b>	Transmitter – 4" x 2.3" x 1" (101.6 x 58.4 x 25.4 mm), Receiver – 6" x 2.35" x 1" (152.4 x 59.7 x 25.4 mm), Case – 9.5" x 8" x 3" (241.3 x 203.2 x 76.2 mm)
<b>Weight</b>	2.6 lbs. (1.2 kg)

CAT. NO.	UPC. NO.	DESCRIPTION
508S	08678	Wire Finder/Mini Locator
508ST	60363	Transmitter
508SR	60364	Receiver
CS14	60366	Alligator Clip Cord set
CS15	60367	AC Outlet Cord set



## Tracker II



HS-1 (08695)  
Optional headset is available for use in high-traffic areas or other noisy environments.

- Traces the path and determines the depth of wires and metallic pipes on active or dead systems without having to deactivate the system.
- Lightweight receiver provides audible and visual indications of signal strength.
- Transmitter output and receiver sensitivity are fully adjustable for maximum accuracy.
- Transmitter offers three methods of connection: direct, inductive coupler and inductive antenna.
- Includes transmitter assembly, receiver assembly, inductive coupler (clamp), built-in inductive antenna, two 8' (2.4 m) test leads with heavy-duty alligator clips and durable polyethylene case.
- High frequency transmitter provides range up to 4,000' (1,219 m) and depths up to 7' (2 m).
- Receiver is 32" long (813 mm).
- Battery operated (eight AA and one 9V battery is included).
- Molded carrying case included.

CAT. NO.	UPC NO.	DESCRIPTION
501	08662	Tracker II
<b>R</b> 501T	60353	Transmitter
<b>R</b> 501R	60352	Receiver
<b>R</b> IC1	60354	Inductive Clamp
<b>R</b> CS16	60355	Transmitter Cord Set
<b>R</b> 500CA	60351	Case with Antenna

### SPECIFICATIONS

<b>Power Requirements</b>	Transmitter – (8) AA batteries; Receiver – (1) 9V battery
<b>Battery Life</b>	Transmitter – 30 hours nominal; Receiver – 10 hours nominal
<b>Transmitter Frequency</b>	447.5kHz
<b>Transmitter Power</b>	40Vp-p (140mW) maximum
<b>Voltage Protection</b>	240VAC/500VDC
<b>Automatic Shut Off</b>	90 Min. Transmitter and Receiver
<b>Construction</b>	Transmitter/Receiver – powder coated aluminum Case – vacuum formed polyethylene
<b>Dimensions</b>	Transmitter – 4.25" x 3" x 3.25" (108 x 76.2 x 82.6 mm) Receiver – 32" x 2.75" x 4" (812.8 x 69.9 x 101.6 mm) Case – 33.5" x 8.25" x 3.75" (850.9 x 209.6 x 95.3 mm)
<b>Weight</b>	6.7 lbs. complete kit (3.04 kg)

## Buried Line Locator



- LED and LCD signal strength indicators make it quick and easy to find exact line location.
- Lightweight and ergonomically balanced.
- Automatic signal boost makes it easy to trace lines, even those with very weak signals.
- Receiver may be used in active or passive mode.
- Receiver locates multiple passive frequencies with a single setting.
- Receiver automatically locks out passive range when it detects a transmitter signal, reducing the chance of tracing other lines carrying weaker signals.
- Microprocessor-based circuitry delivers increased accuracy and features auto-gain control in all environments.
- Traces 20' (6 m) underground and provides depth readings up to 15' (4.57 m).
- Transmitter can be connected to live lines up to 600V.
- Molded carrying case included.

CAT. NO.	UPC NO.	DESCRIPTION
BLL-200	07796	Buried Line Locator

### SPECIFICATIONS

<b>Transmitter</b>		<b>Receiver</b>	
<b>Operating Voltage</b>	0-600VAC, 0-300 VDC	<b>Depth Range</b>	Measures: 0-15 ft Traces: 0-20 ft.
<b>Current</b>	13mA (open line) 150mA (live or shorted line)	<b>Depth Resolution</b>	0.1 ft. increments
<b>Frequency</b>	33.3kHz	<b>Passive Trace Frequency</b>	- 12Hz-24kHz
<b>Operating Temperature</b>	0°F to 120°F (-17°C to 50°C)	<b>Operating Temperature</b>	0°F to 120°F (-17°C to 50°C)
<b>Size</b>	7.5" x 4" x 2.1" (190.5 mm x 101.6 mm x 53 mm)	<b>Size</b>	4.1" x 8.5" x 38" (104.1 mm x 215.9 mm x 965.2 mm)
<b>Power</b>	6 VDC (4 AA batteries)	<b>Power</b>	6 VDC (4 AA batteries)
<b>Weight</b>	15 oz. (425 g) (with batteries and clamp)	<b>Weight</b>	1 lb. 12 oz. (794 g)

## Wire and Valve Locator



- Adjustable transmit power allows you to select the best signal for maximum performance.
- Transmitter's high power output offers extended range and use on higher resistance wire paths that other locators can't touch.
- Receiver provides both audible and visual indications of signal strength.
- Lightweight receiver wand makes it easy for you to move along quickly to locate even the longest wire path.
- Rugged headphones block ambient noise and improve "feel" for the signal.
- Includes transmitter, receiver, headset, ground stake, and complete instructions.
- Battery-operated: (8) "D" Cells and (1) 9V.

### SPECIFICATIONS

<b>Power Requirements</b>	Transmitter: (8) "D" Cell; Receiver: (1) 9V battery
<b>Battery Life</b>	Transmitter: 50 hours nominal Receiver: 100 hours nominal
<b>Transmitter Frequency</b>	1748Hz
<b>Transmitter Power</b>	750Vp-p 285Vrms
<b>Voltage Protection</b>	120VAC/250VDC
<b>Construction</b>	Powder-coated aluminum housing in polyethylene case
<b>Case Dimensions</b>	33.5" x 8.25" x 3.75"
<b>Weight</b>	12 lbs. complete

CAT. NO.	UPC NO.	DESCRIPTION
521A	86788	Wire and Valve Locator
521A-R	12623	Receiver
HS1	08695	Headset
GS1	60362	Ground Stake

## Station Master™ Pro



24B



24BK



- Troubleshoot irrigation systems.
- Activate and cycle solenoids.
- Test solenoids for continuity.
- Send tone to identify wires.
- Measure clock voltage.
- Low battery indication.
- Easy-to-understand LEDs.
- Test leads with "Bed-of-Nails" and piercing Pin Clips.
- 1-year limited warranty.

### SPECIFICATIONS

<b>Minimum Voltage for Clock LED</b>	15 VAC (LED intensity increases as voltage increases)
<b>Minimum Battery while Testing</b>	10.5 VDC
<b>Maximum Input Voltage between Test Leads</b>	28 VAC
<b>Solenoid Circuit Recharge Time</b>	2.5 seconds
<b>Maximum Distance Range to Activate one Solenoid</b>	12 AWG Loop 3000-13000 feet 14 AWG Loop 2000-8500 feet 18 AWG Loop 500-3000 feet
<b>Power Source</b>	9V alkaline batteries
<b>Battery Life</b>	3 hours continuous
<b>Operating/Storage Temp.</b>	32°F - 122°F (0° - 50°C)

CAT. NO.	UPC NO.	DESCRIPTION
24B	86786	Station Master Pro
24BK	86787	Station Master Pro Kit
700C	08683	Carrying Case

# INSULATION TESTING

## Insulation Testing Comparison Chart

FEATURE		5990	5882	5880
Test voltage	250V		•	
	500V	•	•	•
	1000V	•	•	•
	2500V	•		
	5000V	•		
Range	250V		50k-2000MΩ	
	500V	500k-500GΩ	100k-2000MΩ	100k-2000MΩ
	1000V	700k-500GΩ	200k-2000MΩ	200k-2000MΩ
	2500V	5M-500GΩ		
	5000V	20M-500GΩ		
Continuity			0-20Ω	0-20Ω
Resistance			0-400kΩ	0-400kΩ
Display type		Analog	Digital	Digital
Backlit			•	•
Count			4000	4000
Analog bar graph			•	•
Measurement Category		III, 600V	II, 300V	II, 300V
UL			•	•
CE		•	•	•

## 5kV Megohmmeter



- Four test voltages: 500V, 1000V, 2500V, and 5000V.
- Resistance measurement range up to 500GΩ.
- Extra-large analog display for easy viewing.
- Accessories included: (4) 1.5V D batteries, integrated carrying case, test leads, probes, snap-on test lead pouch.
- Lifetime Limited Warranty

### SPECIFICATIONS

#### Insulation Tests

<b>Test Voltage</b>	500, 1000, 2500, 5000V
<b>Range</b>	500k to 500GΩ
<b>Voltage Test Range</b>	600V AC/DC
<b>Measurement Category</b>	CAT III, 600V

CAT. NO.	UPC NO.	DESCRIPTION
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5990	07665	5kV Megohmmeter
<b>R</b> 87121	87121	Probes
<b>R</b> 86999	86999	Leads

## Digital/Analog Megohmmeter



5883



### 5880 features:

- Auto-ranging AC/DC default voltmeter with test inhibitor and warnings for enhanced user safety.
- Extra-large digital display with backlight and analog bar graph.
- Weather resistant against dust and water to IP44.
- Multiple test voltage ranges.
- Measure up to 2000MΩ resistance.
- Accessories included: (6) 1.5V AA batteries, test leads, case.
- Lifetime Limited Warranty

### 5882 adds:

- Tests three voltage ranges: 250, 500, and 1000V.
- Timer function for dielectric absorption and polarization index measurements.

### 5883 (optional accessory):

- Remote probe, pushbutton and flashlight for added convenience.

### SPECIFICATIONS

#### Insulation Tests

**Test Voltage** 5882: 250, 500, 1000V

5880: 500, 1000V

**Range** 250V: 50k – 2000MΩ  
500V: 100k – 2000MΩ  
1000V: 200k – 2000MΩ

**Automatic Discharge** 1.5 sec/μF, 300 KΩ impedance

**Continuity Range** 0-20Ω

**Resistance Range** 0-400kΩ

**Voltage Test Range** 0-600V AC/DC

**Display** 4000-count, backlit 34-segment analog bar graph

**Measurement Category** CAT II, 300V

CAT. NO.	UPC NO.	DESCRIPTION
5882	07573	Digital/Analog Megohmmeter
5882-C*	07639*	Digital/Analog Megohmmeter
5880	07572	Digital/Analog Megohmmeter
5880-C*	07638*	Digital/Analog Megohmmeter
<b>A</b> 5883	07591	Remote Probe
<b>R</b> 87073	87073	Test Lead Kit

\* Includes Certificate of Calibration



# MOTOR ROTATION & PHASE SEQUENCE

## Motor Rotation and Phase Sequence Indicator Kit



5702



5123

- Assists in correct motor installation by identifying the phases of a three-phase circuit and the rotation of an unenergized motor to prevent damage to motor or electrical system.
- Identifies L1, L2, L3 phases and motor leads and indicates rotation of the motor before installation.
- Easy clockwise and counterclockwise indication.
- Accessories included: (1) 9V battery, carrying case.
- Lifetime Limited Warranty

### SPECIFICATIONS

Phase Sequence Indicator	(CAT. No. 5702)
Overvoltage Protection	CAT III, 600V
Motor Rotation Indicator	(CAT. No. 5123)
Two LEDs indicate motor rotation	

CAT. NO.	UPC NO.	DESCRIPTION
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5779	07576	Motor Rotation and Phase Sequence Indicator Kit
<b>R</b> TC-20	07535	Carrying Case



Do not use Motor Rotation Indicator on live circuits.

## Motor Rotation Indicator



- Tests unenergized 3-phase motor to determine sequence for desired motor rotation.
- Lifetime Limited Warranty

### SPECIFICATIONS

Indicators	Two LEDs
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CAT. NO.	UPC NO.	DESCRIPTION
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5123	34514	Motor Rotation Indicator
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Do not use Motor Rotation Indicator on live circuits.

## Phase Sequence Indicator



- Identifies L1, L2, L3 phases and indicates phase rotation before installation.
- Clockwise and counterclockwise indication via neon lamps.
- Lifetime Limited Warranty

### SPECIFICATIONS

Live Phase Indicators	Three neon lamps
Motor Rotation Indicators	Two neon lamps
Measurement Category	CAT III, 600V

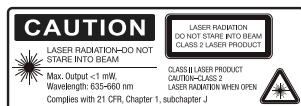
CAT. NO.	UPC NO.	DESCRIPTION
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5702	07574	Phase Sequence Indicator
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# TEMPERATURE

## TG-1000 & TG-2000 Infrared Thermometers

**NEW PRODUCT**



### 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

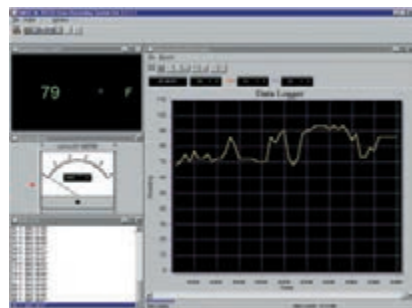
- Wider Temperature range
- Higher distance-to-spot (D:S) Ratio for measuring smaller targets or at greater distances.
- Dual lasers indicate approximate diameter of target measurement area.

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	•	Dual
K-Type Contact		•
Emissivity	.10 ~ 1.00	.10 ~ 1.00
Backlight	•	•
Alarms	Hi/Low	Hi/Low

CAT. NO.	UPC NO.	DESCRIPTION
TG-1000	00103	Infrared Thermometer
TG-2000	00104	Dual Laser Infrared Thermometer

# MULTIMETER ACCESSORIES

## Interface Kits



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.



DMSC-9U



DMSC-2U

DMSC-9

- Connects to a PC for data storage and retrieval from Greenlee digital multimeters.
- 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.
- Lifetime Limited Warranty.

### 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	35772	For DM-200 and 200A Series and DM-510A Digital Multimeters
DMSC-9U	35773	For DM-800A Series and DML-430A Digital Multimeters
DMSC-9	07755	For DM-800 Series, DML-54 and DML-430 Digital Multimeters

## Gas Lamp Tester



- Test most fluorescent lamps, low pressure sodium vapor, high pressure sodium discharge lamps, neon tubes, mercury vapor and metal halide lamps.
- Checks starters, resistors, ignitors, capacitors and photo cells.
- Indicates AC/DC voltage and continuity.
- Includes detachable antenna, batteries, leads, probes, clamps and holster.
- Lifetime Limited Warranty

### SPECIFICATIONS

<b>Capacity</b>	Voltage – up to 500 VAC & VDC; Continuity – to 300 k $\Omega$
<b>Size</b>	6" x 2-3/4" x 1-3/4" (152 x 70 x 45 mm); Antenna – 27" (686 mm)
<b>Weight</b>	2.4 lbs. (1.1 kg)
<b>Batteries</b>	2–9V, included

CAT. NO.	UPC NO.	DESCRIPTION
5715	34529	Gas Lamp Tester
<b>R</b> 5713	34528	Holster
<b>R</b> 35450	35450	Battery Door
<b>R</b> 5710	34525	Antenna
<b>R</b> 5786	34574	Small Alligator Clamps (2)
<b>R</b> 5783	34556	Push-on Probes (2)

## Lamp Tester



- Tests HID and fluorescent lamps.
- Live conductor sensing.
- Compact, rugged housing with carrying case (included).
- Accessories included: (1) 9V Battery
- Lifetime Limited Warranty

### SPECIFICATIONS

<b>Live Conductor Indication</b>	60-250VAC, 40-60Hz
<b>Continuity Verification</b>	0-5M $\Omega$ (test current: <7 $\mu$ A)
<b>Lamp Tester Voltage</b>	3kV/160kHz (test current:<200 $\mu$ A)
<b>Measurement Category</b>	CAT II, 250V

CAT. NO.	UPC NO.	DESCRIPTION
LT-100	07541	Lamp Tester
TC-10	07534	Deluxe Carrying Case

# PLIERS

## High Leverage Side-Cutting Pliers



- High Leverage design provides 46% greater cutting and gripping power than standard plier designs.
- Forged from chrome vanadium steel for greater strength and long life of the whole plier.
- Laser hardened cutting knives keep edge and last 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.
- Diamond serrated jaws for superior gripping power.
- Exceeds ASME/ANSI specifications.
- Note: this is not an insulated tool.
- Lifetime limited warranty.

### Stripping Pliers (0151-09SM and 0151-09SD)

- Stripping hole allows stripping of #12 AGW solid wire. Looping and bending hole forms wire for connections.

### Crimping Pliers

- Crimping die for non-insulated and insulated connectors, lugs, and terminals.

### Fish Tape Pulling Pliers

### Thread Cleaning Pliers

- Cleans threads on 5/8" bolts



0151-09SM

### MOLDED GRIP

- Slip-proof, ergonomic molded grips and flared handles for increased comfort and reduced fatigue.
- Location of handle ridge allows the user to "choke up" for greater control.

### MOLDED GRIP PLIERS

CAT. NO.	UPC	DESCRIPTION	OVERALL LENGTH	WEIGHT
0151-08M	54701	High Leverage Side-cutting Pliers 8" molded grip	8-1/2" (21.6 cm)	.87 lbs. (.04 kg)
0151-09M	54702	High Leverage Side-cutting Pliers 9" molded grip	9-3/8" (23.8 cm)	1.13 lbs. (.51 kg)
0151-09CM	13488	Crimping Pliers 9" molded grip	9-3/8" (23.8 cm)	1.13 lbs. (.51 kg)
0151-09FM	89265	Fish Tape Pulling Pliers 9" molded grip	9-3/8" (23.8 cm)	1.13 lbs. (.51 kg)
0151-09SM	89264	High Leverage Side-cutting Pliers W/ Stripping Hole 9" molded grip	9-3/8" (23.8 cm)	1.13 lbs. (.51 kg)



NEW PRODUCT

0151-09TD

### DIPPED GRIP

- Double layered vinyl handles for comfort and slip resistance.
- Reduced handle size allows for easy storage of tools in pouches and tool bags.

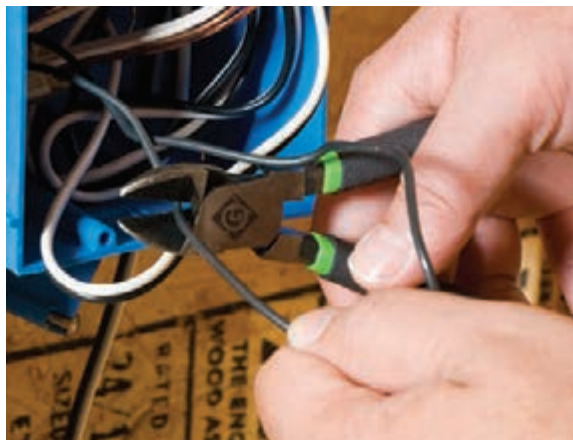
### DIPPED GRIP PLIERS

CAT. NO.	UPC	DESCRIPTION	OVERALL LENGTH	WEIGHT
0151-08D	89263	High Leverage Side-cutting Pliers 8" dipped grip	8-1/2" (21.6 cm)	.87 lbs. (.04 kg)
0151-09D	89250	High Leverage Side-cutting Pliers 9" dipped grip	9-3/8" (23.8 cm)	1.13 lbs. (.51 kg)
0151-09CD	13487	Crimping Pliers 9" dipped grip	9-3/8" (23.8 cm)	1.13 lbs. (.51 kg)
0151-09FD	89262	Fish Tape Pulling Pliers 9" dipped grip	9-3/8" (23.8 cm)	1.13 lbs. (.51 kg)
0151-09SD	89262	High Leverage Side-cutting Pliers W/ Stripping Hole 9" dipped grip	9-3/8" (23.8 cm)	1.13 lbs. (.51 kg)
0151-09TD	89914	9" Side Cutting Pliers with Thread Cleaning Grooves	9-3/8" (23.8 cm)	1.13 lbs. (.51 kg)

N



## Diagonal Cutting Pliers



- High Leverage design provides greater cutting power than standard plier designs.
- Forged from chrome vanadium steel for greater strength and long life of the whole plier.
- Laser hardened cutting knives keep edge and last 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.
- Exceeds ASME/ANSI specifications.
- Note: this is not an insulated tool.
- Lifetime limited warranty.



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

- Angled head design allows for easy work in confined areas



0251-08M

### MOLDED GRIP

- Slip-proof, ergonomic molded grips and flared handles for increased comfort and reduced fatigue.
- Location of handle ridge allows the user to "choke up" for greater control.

### MOLDED GRIP PLIERS

CAT. NO.	UPC NO.	DESCRIPTION	OVERALL	
			LENGTH	WEIGHT
0251-06M	54737	Diagonal Cutting Pliers 6" molded grip	6-1/8" (15.5 cm)	.35 lbs. (.16 kg)
0251-07M	54738	High Leverage Diagonal Cutting Pliers 7" molded grip	7" (17.8 cm)	.57 lbs. (.26 kg)
0251-08M	54739	High Leverage Diagonal Cutting Pliers 8" molded grip	8-3/4" (22.2 cm)	.85 lbs. (.39 kg)
0251-08AM	54740	High Leverage Diagonal Cutting Pliers 8" angled molded grip	8-3/4" (22.2 cm)	.85 lbs. (.39 kg)



0251-08AD

### DIPPED GRIP

- Double layered vinyl handles for comfort and slip resistance.
- Reduced handle size allows for easy storage of tools in pouches and tool bags.

### DIPPED GRIP PLIERS

CAT. NO.	UPC NO.	DESCRIPTION	OVERALL	
			LENGTH	WEIGHT
0251-06D	89256	Diagonal Cutting Pliers 6" dipped grip	6-1/8" (15.5 cm)	.35 lbs. (.16 kg)
0251-07D	89255	High Leverage Diagonal Cutting Pliers 7" dipped grip	7" (17.8 cm)	.57 lbs. (.26 kg)
0251-08D	89254	High Leverage Diagonal Cutting Pliers 8" dipped grip	8-3/4" (22.2 cm)	.85 lbs. (.39 kg)
0251-08AD	89258	High Leverage Diagonal Cutting Pliers 8" angled dipped grip	8-3/4" (22.2 cm)	.85 lbs. (.39 kg)



## Long Nose Side Cutting and Stripping Pliers



- Forged from chrome vanadium steel for greater strength and long life of the whole plier.
- Laser hardened cutting knives keep edge and last longer than induction hardened knives. Designed to provide long life even when cutting hardened wire.
- Serrated jaws for stronger gripping power.
- Exceeds ASME/ANSI specifications.
- Note: this is not an insulated tool.
- Lifetime limited warranty.

### Wire Stripping Pliers (0351-08SM and 0251-08SD)

- Stripping hole allows stripping of #12 AWG solid wire.




0351-08M

### MOLDED GRIP

- Slip proof, ergonomic molded grips and flared handles for increased comfort and reduced fatigue.
- Location of handle ridge allows the user to "choke up" for greater control.

### MOLDED GRIP PLIERS

CAT. NO.	UPC NO.	DESCRIPTION	OVERALL	
			LENGTH	WEIGHT
0351-06M	54717	Long Nose Pliers/Side Cutting 6" molded grip	6-5/8" (16.8 cm)	.27 lbs. (.12 kg)
0351-07M	54718	Long Nose Pliers/Side Cutting 7" molded grip	7-1/8" (18.1 cm)	.30 lbs. (.14 kg)
0351-08M	54719	Long Nose Pliers/Side Cutting 8" molded grip	8-9/16" (21.7 cm)	.64 lbs. (.29 kg)
 0351-08SM	20958	Long Nose Pliers/Stripping 8" molded grip	8-9/16" (21.7 cm)	.64 lbs. (.29 kg)



0351-08SD

### DIPPED GRIP

- Double layered vinyl handles for comfort and slip resistance.
- Reduced handle size allows for easy storage of tools in pouches and tool bags.

### DIPPED GRIP PLIERS

CAT. NO.	UPC NO.	DESCRIPTION	OVERALL	
			LENGTH	WEIGHT
0351-06D	89253	Long Nose Pliers/Side Cutting 6" dipped grip	6-5/8" (16.8 cm)	.27 lbs. (.12 kg)
0351-07D	89252	Long Nose Pliers/Side Cutting 7" dipped grip	7-1/8" (18.1 cm)	.30 lbs. (.14 kg)
0351-08D	89251	Long Nose Pliers/Side Cutting 8" dipped grip	8-9/16" (21.7 cm)	.64 lbs. (.29 kg)
 0351-08SD	20957	Long Nose Pliers/Stripping 8" dipped grip	8-9/16" (21.7 cm)	.64 lbs. (.29 kg)

## Pump Pliers



- Forged from chrome vanadium steel for greater strength and long 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.
- Exceeds ASME/ANSI specifications.
- Note: This is not an insulated tool.
- Lifetime limited warranty.



0451-10M



### MOLDED GRIP

- Slip proof, ergonomic molded grips and flared handles for increased comfort and reduced fatigue.
- Location of handle ridge allows the user to "choke up" for greater control.

#### MOLDED GRIP PLIERS

CAT. NO.	UPC NO.	DESCRIPTION	JAW CAPACITY	ADJUSTMENT GROOVES	OVERALL LENGTH	WEIGHT
0451-10M	54709	Pump Pliers 10" molded grip	2" (5.1 cm)	7	10" (25.4 cm)	.83 lbs. (.38 kg)
0451-12M	54744	Pump Pliers 12" molded grip	2-1/4" (5.7 cm)	7	12" (30.5 cm)	1.29 lbs. (.59 kg)



0451-16D



### DIPPED GRIP

- Double layered vinyl handles for comfort and slip resistance.
- Reduced handle size allows for easy storage of tools in pouches and tool bags

#### MOLDED GRIP PLIERS

CAT. NO.	UPC NO.	DESCRIPTION	JAW CAPACITY	ADJUSTMENT GROOVES	OVERALL LENGTH	WEIGHT
0451-10D	89259	Pump Pliers 10" dipped grip	2" (5.1 cm)	7	10" (25.4cm)	.83 lbs. (.38 kg)
0451-12D	89260	Pump Pliers 12" dipped grip	2-1/4" (5.7 cm)	7	12" (30.5 cm)	1.29 lbs. (.59 kg)
0451-16D	54707	Pump Pliers 16" dipped grip	4-1/4" (10.8 cm)	8	16" (40.6 cm)	3 lbs. (1.4 kg)

## Ratchet Cable Cutters



45206



45207

- 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
- Cushioned handles for comfort and assured grip.

### SPECIFICATIONS

#### 45206

**Maximum Capacity\*** **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.  
**Weight:** 1.5 lbs./7 kg

#### 45207

**Maximum Capacity\*** **Copper:** 750 kcmil (MCM) (400 mm<sup>2</sup>)  
**Aluminum:** 1000 kcmil (MCM) (500 mm<sup>2</sup>)  
**Communications Cable:** 2" (51 mm) dia.  
**Weight:** 2.4 lbs/1.1 kg

CAT. NO.	UPC NO.	DESCRIPTION
45206	45206	Ratchet Cable Cutter
45207	45207	Ratchet Cable Cutter
<b>R</b> 45218	45218	Movable Blade (45206 & 45206I)
<b>R</b> 45212	45212	Fixed Blade and Handle (45206)
<b>R</b> 12526	12526	Fixed Blade and Handle (45206I)
<b>R</b> 45211	45211	Movable Blade (45207 & 45207I)
<b>R</b> 45228	45228	Fixed Blade and Handle (45207)
<b>R</b> 05883	05883	Fixed Blade and Handle (45207I)

## Compact Ratchet Cable Cutters



759



760

- Simple, one-hand operation.
- Compact – convenient for working in tight places and stores easily in tool pouches.
- Single-speed ratchet mechanism.
- Blade release allows blades to be opened in mid-cut.
- Heavy-duty blades provide long life.

### SPECIFICATIONS

#### 759

**Maximum Capacity\*** **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>).  
**Weight:** 1.4 lbs./0.6 kg

#### 760

**Maximum Capacity\*** **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>)  
**Weight:** 1.75 lbs./0.8 kg

CAT. NO.	UPC NO.	DESCRIPTION
759	45277	Compact Ratchet Cable Cutter
760	17600	Compact Ratchet Cable Cutter
<b>R</b> 45282	45282	Movable Blade (759)
<b>R</b> 45281	45281	Fixed Blade (759)
<b>R</b> 09908	09908	Movable Blade (760)
<b>R</b> 09907	09907	Fixed Blade (760)
<b>R</b> 45297	45297	Handle Spring

\*Capacity may be less for compact and compressed cables

# SCREWDRIVERS

## 7-Piece Screwdriver Set



- 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.
- Exceeds ASME/ANSI specifications.
- Lifetime limited warranty.
- Note: This is not an insulated tool.
- Contains: 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	WEIGHT
0153-02C	54661	7-Piece Screwdriver Set	1.63 lbs. (.74- kg)

## 5-Piece Screwdriver Set



- 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.
- Exceeds ASME/ANSI specifications.
- Lifetime limited warranty.
- Note: This is not an insulated tool.
- Contains: 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	WEIGHT
0153-01C	56303	5-Piece Screwdriver Set	1.38 lbs. (.63 kg)
0153-01C-CP	95930	5-Piece Screwdriver Set Counter Pack (Qty 5)	1.38 lbs. (.63 kg)

## Mini Screwdriver Set



- Precision machined tips for exact fastener fit.
- Strong durable black phosphate tips to prevent chipping or plating.
- Handle marked for easy identification of screwdriver size and type.
- Cushion grip handle for extra comfort and no slipping.
- Designed to meet ASME/ANSI specifications.
- Lifetime limited warranty.
- Note: This is not an insulated tool.

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT
0153-03C	13438	4-Piece Mini Screwdriver Set (Round Shank): Sizes #0 Phillips, 1/16" Keystone, 3/32" Cabinet & 1/8" Cabinet	.16 lbs. (.08 kg)

### 9-In-1 Multi-Tool Driver



0153-43C

- Versatile multi-bit screwdriver, 9 tools in one.
- Drive hex nuts, Phillips, Square-recess and slotted fasteners.
- High-grade, rust resistant, chrome-plated finish.
- Precision machined, hardened steel bits.
- Cushion grip handle for extra comfort and torque.
- Lifetime limited warranty.
- Note: This is not an insulated tool.

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT
0153-43C	13490	9-In-1 Multi-tool, Contains bits: #1 & #2 Phillips, #1 & #2 Square Recess and 3/16" & 1/4" Flat Tip, 1/4", 5/16" & 3/8" Hex	.45 lbs.
9953-15	10628	Replacement bits 9-In-1	—

### 6-In-1 Multi-Tool



0153-42C

- Versatile multi-bit screwdriver, 6 tools in one.
- Precision machined, hardened steel bits.
- High-grade, rust resistant, chrome-plated finish.
- Cushion grip handle for extra comfort and torque.
- Lifetime limited warranty.
- Note: This is not an insulated tool.

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT
0353-41C	89218	6-In-1 Multi-tool, Contains: #1 & #2 Square Recess, 6mm Flat-Tip & #2 Phillips and 1/4" & 5/16" Hex.	.42 lbs
0153-42C	56308	6-In-1 Multi-tool, Contains: 3/16" & 1/4" Flat-Tip, #1 & #2 Phillips and 5/16 & 1/4" Hex	.42 lbs
9953-13	56310	Replacement bits – 3/16" & 1/4" Flat-tip and #1 & #2 Phillips	—
9953-14	89219	Replacement bits – #1 & #2 Square Recess and 6mm Flat Tip & #2 Phillips	—

### 8" Striking Tool/Screwdriver



- 5/16" x 8" slotted screwdriver with shaft extending through the handle to ensure durability when striking with a hammer.
- 8" square shaft is heat treated for strength and durability and black oxide coating at the tip helps prevent cam-out when in use.
- Square shank allows for use of wrench or pliers for added torque.
- Hardened plastic handle with a metal cap at the end of the screwdriver ensures durability when using a hammer.
- Exceeds ASME/ANSI specifications.

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT
UT153-18	89913	Striking Tool / Screwdriver	.56 lbs.



## Heavy-Duty Keystone Tip Screwdriver



0153-14C



- 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.
- Exceeds ASME/ANSI specifications.
- Lifetime limited warranty.
- Note: This is not an insulated tool.

CAT. NO.	UPC NO.	DESCRIPTION: HEAVY DUTY KEYSTONE TIP	WEIGHT
0153-11C	54644	Square Shank 1/4" x 4" Flat Blade Screwdriver	.25 lbs
0153-12C	54645	Square Shank 1/4" x 6" Flat Blade Screwdriver	.30 lbs
0153-13C	54646	Square Shank 1/4" x 8" Flat Blade Screwdriver	.35 lbs
0153-14C	54647	Square Shank 1/4" x 10" Flat Blade Screwdriver	.40 lbs
0153-15C	56304	Square Shank 5/16" x 6" Flat Blade Screwdriver	.40 lbs
0153-16C	56305	Square Shank 3/8" x 8" Flat Blade Screwdriver	.55 lbs

## Heavy-Duty Cabinet Tip Screwdriver



0153-21C



- 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.
- Exceeds ASME/ANSI specifications.
- Lifetime limited warranty.
- Note: This is not an insulated tool.

CAT. NO.	UPC NO.	DESCRIPTION: HEAVY DUTY CABINET TIP	WEIGHT
0153-21C	54652	Round Shank 3/16" x 4" Flat Blade Screwdriver	.15 lbs
0153-22C	54653	Round Shank 3/16" x 6" Flat Blade Screwdriver	.18 lbs
0153-23C	54654	Round Shank 3/16" x 8" Flat Blade Screwdriver	.20 lbs
0153-24C	54655	Round Shank 3/16" x 10" Flat Blade Screwdriver	.22 lbs
0153-25C	54649	Round Shank 1/4" x 4" Flat Blade Screwdriver	.25 lbs
0153-26C	54650	Round Shank 1/4" x 6" Flat Blade Screwdriver	.30 lbs
0153-27C	54651	Round Shank 1/4" x 8" Flat Blade Screwdriver	.35 lbs

## Stubby Screwdriver



0153-32C



0153-28C



- 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.
- Exceeds ASME/ANSI specifications.
- Lifetime limited warranty.
- Note: This is not an insulated tool.

CAT. NO.	UPC NO.	DESCRIPTION:	WEIGHT
0153-04C	13491	Stubby 2PC Screwdriver Set	.20 lbs
0153-28C	54648	Round Shank 1/4" x 1-1/2" Flat Blade Screwdriver	.10 lbs
0153-32C	54657	Heavy Duty Phillips Tip #2 x 1-1/2" Screwdriver	.10 lbs

## Heavy-Duty Phillips Tip Screwdriver



0153-33C



- 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.
- Exceeds ASME/ANSI specifications.
- Lifetime limited warranty.
- Note: This is not an insulated tool.

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT
0153-31C	54656	Heavy Duty Phillips Tip #1 x 3" Screwdriver	.15 lbs
0153-33C	54658	Heavy Duty Phillips Tip #2 x 4" Screwdriver	.25 lbs
0153-34C	54659	Heavy Duty Phillips Tip #2 x 6" Screwdriver	.30 lbs
0153-35C	54660	Heavy Duty Phillips Tip #3 x 6" Screwdriver	.35 lbs
0153-36C	89213	Heavy Duty Phillips Tip #2 x 10" Screwdriver	.40 lbs

## Scratch Awl



9753-12C



- 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.
- Lifetime limited warranty.
- Note: This is not an insulated tool.

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT
9753-12C	54697	Scratch Awl 3"	.22 lbs

## Bottle Opener



9753-13C



- 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	WEIGHT
9753-13C	89249	Bottle Opener	.22 lbs

# NUT DRIVERS

## 7-Piece Nut Driver Set



0253-01C



- 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.
- Exceeds ASME/ANSI specifications.
- Lifetime limited warranty.
- Note: This is not an insulated tool.

### FRACTIONAL KIT

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT
0253-01C	54671	7-Piece Nut Driver Set (3" Shank): Sizes 3/16", 1/4", 5/16", 11/32", 3/8", 7/16" & 1/2"	1.65 lbs

## Heavy-Duty Nut Drivers



0253-16C

- Rugged hollow shaft for bolt clearance.
- Heavy-duty construction for longer life.
- Handle color 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.
- Exceeds ASME/ANSI specifications.
- Lifetime limited warranty.
- Note: This is not an insulated tool.

### FRACTIONAL SIZES 3" SHAFT

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT
0253-11C	54664	Heavy-Duty Nut Driver 3/16" x 3"	.20 lbs
0253-12C	54665	Heavy-Duty Nut Driver 1/4" x 3"	.20 lbs
0253-13C	54666	Heavy-Duty Nut Driver 5/16" x 3"	.20 lbs
0253-14C	54667	Heavy-Duty Nut Driver 11/32" x 3"	.20 lbs
0253-15C	54668	Heavy-Duty Nut Driver 3/8" x 3"	.20 lbs
0253-16C	54669	Heavy-Duty Nut Driver 7/16" x 3"	.25 lbs
0253-17C	54670	Heavy-Duty Nut Driver 1/2" x 3"	.33 lbs



## 2-Piece Nut Holding Driver Set



0253-06NH-6



- Precision tapered socket holds nut for one-handed operation.
- Patent pending non-magnetic design will not pick up metal chips.
- Rugged 6" hollow shank for screw clearance.
- Handle marked and color coded for easy identification of nut driver size.
- High-grade, rust resistant, chrome-plated finish.
- Cushion grip handle for extra comfort and torque.
- Exceeds ASME/ANSI specifications.
- Lifetime limited warranty.
- Note: This is not an insulated tool.

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT
0253-06NH-6	10629	2-piece Nut Holding Driver Set (6" shaft) sizes: 1/4" and 5/16" Hex	.60 lbs

## 7-Piece Nut Holding Driver Set

**NEW**  
PRODUCT



- Precision tapered socket holds nut for one-handed operation.
- Patent pending non-magnetic design will not pick up metal chips.
- Rugged 6" hollow shaft for screw clearance.
- Handles color-coded and marked for easy identification.
- Cushion grip handle for extra comfort and torque.
- High-grade rust resistant, chrome-plated finish.
- Heavy-duty construction for longer life.
- Designed to exceed ASME/ANSI torque requirements.
- Lifetime Limited Warranty.

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT
<b>N</b> 0253-01NH-6	13417	7-Piece Nut Holding Driver Set (6" Shank); Hex Sizes 3/16", 1/4", 5/16", 11/32", 3/8", 7/16", 1/2"	2.2

## Nut Holding Nut Drivers

**NEW**  
PRODUCT



0253-14NH-6

- Precision tapered socket holds nut for one-handed operation.
- Patent pending non-magnetic design will not pick up metal chips.
- Rugged 6" hollow shaft for screw clearance.
- Handles color-coded and marked for easy identification.
- Cushion grip handle for extra comfort and torque.
- High-grade rust resistant, chrome-plated finish.
- Heavy-duty construction for longer life.
- Designed to exceed ASME/ANSI torque requirements.
- Lifetime Limited Warranty.
- Note: This is not an insulated tool.

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT
0253-11NH-6	13418	Nut Holding Nut Driver, 3/16" X 6"	.29 lbs
0253-12NH-6	13419	Nut Holding Nut Driver, 1/4" X 6"	.29 lbs
0253-13NH-6	13420	Nut Holding Nut Driver, 5/16" X 6"	.31 lbs
0253-14NH-6	13421	Nut Holding Nut Driver, 11/32" X 6"	.31 lbs
0253-15NH-6	13422	Nut Holding Nut Driver, 3/8" X 6"	.33 lbs
0253-16NH-6	13423	Nut Holding Nut Driver, 7/16" X 6"	.33 lbs
0253-17NH-6	13424	Nut Holding Nut Driver, 1/2" X 6"	.38 lbs

# ADJUSTABLE & RATCHETING WRENCHES

## Dipped Handle Adjustable Wrench



0154-10D

- 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.
- Exceeds ASME/ANSI specifications.
- Lifetime limited warranty.
- Note: This is not an insulated tool.

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT
0154-06D	89275	Adjustable Wrench Dipped Handle 6"	.35lbs
0154-08D	89291	Adjustable Wrench Dipped Handle 8"	.8 lbs
0154-10D	89292	Adjustable Wrench Dipped Handle 10"	1.17 lbs
0154-12D	89293	Adjustable Wrench Dipped Handle 12"	1.9 lbs



## 7-Piece Combination Ratcheting Wrench Set - Fractional



- Compact reversible switch allows a 15° offset of the box end for clearance of obstacles.
- "Five-degree" 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.
- Exceeds ASME/ANSI specifications.
- Lifetime limited warranty.
- Note: This is not an insulated tool.

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT
0354-01	55501	7-Piece Combination Ratcheting Wrench Set: Contains - Sizes 1/4", 5/16", 3/8", 7/16", 1/2", 9/16" & 5/8"	1.25 lbs

## Combination Ratcheting Wrenches - Fractional



- Compact reversible switch allows a 15° offset of the box end for clearance of obstacles.
- "Five-degree" 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.
- Exceeds ASME/ANSI specifications.
- Lifetime limited warranty.
- Note: This is not an insulated tool.

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT
0354-11	55494	Combination Ratcheting Wrench 1/4"	.09 lbs
0354-12	55495	Combination Ratcheting Wrench 5/16"	.08 lbs
0354-13	55496	Combination Ratcheting Wrench 3/8"	.12 lbs
0354-14	55497	Combination Ratcheting Wrench 7/16"	.16 lbs
0354-15	55498	Combination Ratcheting Wrench 1/2"	.22 lbs
0354-16	55499	Combination Ratcheting Wrench 9/16"	.26 lbs
0354-17	55500	Combination Ratcheting Wrench 5/8"	.37 lbs
0354-18	89268	Combination Ratcheting Wrench 11/16"	.45 lbs
0354-19	89269	Combination Ratcheting Wrench 3/4"	.53 lbs
0354-20	89270	Combination Ratcheting Wrench 13/16"	.79 lbs
0354-21	89271	Combination Ratcheting Wrench 7/8"	.79 lbs
0354-22	89272	Combination Ratcheting Wrench 15/16"	1.1 lbs
0354-23	89273	Combination Ratcheting Wrench 1"	1.1 lbs
0354-24	13517	Combination Ratcheting Wrench 1-1/16	1.44 lbs
0354-25	13518	Combination Ratcheting Wrench 1-1/8	2.05 lbs
0354-26	13519	Combination Ratcheting Wrench 1-1/4	2.05 lbs

# HEX KEYS

## T-Handle Hex Key Drivers

**NEW**  
PRODUCT



- 10 sizes available piece for convenience and versatility (including sizes 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8").
- 10 piece set includes all sizes listed above and convenient holder.
- Heat-treated and tempered for extra strength and durability.
- Exceeds ASME/ANSI specifications.
- Ergonomic molded grips for max torque & comfort.
- Ball end allows up to 30 degrees misalignment.
- Square-cut end for high torque applications.
- Lifetime limited warranty.
- Note: This is not an insulated tool.

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT
0254-40	13499	T-Handle Wrench Set, 10PC set	1.8 lbs
0254-42	13500	T-Handle Wrench, 3/32"	.06 lbs
0254-43	13501	T-Handle Wrench, 7/64"	.07 lbs
0254-44	13502	T-Handle Wrench, 1/8"	.07 lbs
0254-45	13503	T-Handle Wrench, 9/64"	.08 lbs
0254-46	13504	T-Handle Wrench, 5/32"	.11 lbs
0254-47	13505	T-Handle Wrench, 3/16"	.13 lbs
0254-48	13506	T-Handle Wrench, 7/32"	.16 lbs
0254-49	13507	T-Handle Wrench, 1/4"	.25 lbs
0254-50	89187	T-Handle Wrench, 5/16"	.33 lbs
0254-51	89197	T-Handle Wrench, 3/8"	.44 lbs

## 9-Piece Folding Hex-Key Set - Standard



- 9 piece set for convenience and versatility (including sizes 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4").
- One-piece, powder-coated handle/case for corrosion resistance.
- Laser-etched sizes on case for easy identification.
- Heat-treated and tempered for extra strength and durability.
- Exceeds ASME/ANSI specifications.
- Lifetime limited warranty.
- Note: This is not an insulated tool.

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT
0254-11	56323	9-Piece Folding Hex-key Set: Sizes - 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32" & 1/4"	.48 lbs

## 9-Piece Folding Ball-End Hex-Key Set - Standard



0254-12



- 9 piece set for convenience and versatility (including sizes 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4").
- Ball-end design allows for angled use up to 30 degrees.
- One-piece, powder-coated handle/case for corrosion resistance.
- Laser-etched sizes on case for easy identification.
- Heat-treated and tempered for extra strength and durability.
- Exceeds ASME/ANSI specifications.
- Lifetime limited warranty.
- Note: This is not an insulated tool.

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT
0254-12	55482	9-Piece Folding Ball-end Hex-key Set: Sizes - 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32" & 1/4"	.48 lbs

## 5-Piece Folding Hex-Key Set - Standard



0254-13



- 5 Piece Folding Set for convenience and versatility when stored in a pouch or a toolbox
- Each hex key is heat treated and tempered for extra strength and durability
- Sizes included: 3/16", 7/32", 1/4", 5/16", and 3/8"
- Powder coated case for corrosion resistance and long life
- Designed to exceed ASME/ANSI specifications
- Lifetime limited warranty.

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT
0254-13	56269	5 Piece Folding Set: Sizes included: 3/16", 7/32", 1/4", 5/16", and 3/8"	.75 lbs

## 9-Piece Folding Hex-Key Set - Metric



0254-31



- 9 piece set for convenience and versatility (including sizes 1.5, 2, 2.5, 3, 4, 5, 6, 8 and 10 mm).
- One-piece, powder-coated handle/case for corrosion resistance.
- Laser-etched sizes on case for easy identification.
- Heat-treated and tempered for extra strength and durability.
- Exceeds ASME/ANSI specifications.
- Lifetime limited warranty.
- Note: This is not an insulated tool.

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT
0254-31	89267	9-Piece Folding Hex-key Set: Sizes - 1.5, 2, 2.5, 3, 4, 5, 5.5, 6, and 7mm.	.51 lbs

# CUTTING TOOLS

## Professional Folding Utility Knives

**NEW PRODUCT**



- Quick change mechanism for easy blade removal.
- Heavy-duty handle.
- Back lock for additional safety.
- Blade Storage on tool.
- Not an insulated tool.

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT
0652-22	00041	Folding Utility Knife	.85 lbs
0652-23	00043	Folding Utility Knife, Heavy-Duty	.85 lbs

## Utility Knife



- Over-molded for secure, comfortable grip.
- Retractable three-position blade for safety and convenience.
- Easy front-loading design provides for quick blade change.
- Blade storage in pop-up holder.
- Packaged with three heavy-duty patented serrated blades (Cat # 9952-11).
- Note: This is not an insulated tool.

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT
0652-11	54729	Utility Knife with blades	.44 lbs
9952-11	56301	Blades for 0652-11 Utility Knife, 5 pack	—

## Professional Pocket Knives

**NEW PRODUCT**



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

CAT. NO.	UPC NO.	DESCRIPTION
0652-24	00057	Drop Point Pocket Knife, Wood
0652-25	00058	Titanium-Coated Drop Point Pocket Knife, Aluminum
0652-26	00059	Coping Blade
0652-28	00061	Hawkbill Pocket Knife, Wood Handle
0652-29	00062	Hawkbill Fixed Blade with Sheath

## 12" Heavy Duty Hack Saw



- Over-molded rugged design for heavy-duty use and comfort.
- Fully-adjustable blade tension up to 30,000 psi for longer blade life and faster, accurate cuts.
- Alternative 45° blade mounting allows for flush cutting.
- Mounting for most reciprocating saw blades for extra versatility.
- Handy blade storage in tubular frame.
- Convenient front grip feature for two-handed sawing.
- Complete with bi-metal blade (12"/24 TPI).
- Length is 15-3/4"
- Lifetime limited warranty.

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT
333A	23635	12" Heavy Duty Hacksaw	2.15 lbs
333-1218	10037	12" (30.5 cm) Bi-metal Blades, 18 teeth per inch, 5 pack	—
333-1224	10038	12" (30.5 cm) Bi-metal Blades, 24 teeth per inch, 5 pack	—
333-1232	10039	12" (30.5 cm) Bi-metal Blades, 32 teeth per inch, 5 pack	—

## BOLT CUTTERS

### Threaded Rod Cutter



- One stroke cuts through threaded rod.
- Capacity: 1/4"-20 and 3/8"-16 soft steel rod.
- Cuts clean, eliminating the need to grind or file before threading a nut onto cut end.
- Wide base for stable cutting. Includes mounting hole for fast and easy permanent mounting to work surface.
- Strong forged steel cutting head with tool steel cutting die for long life.
- Includes: Threaded Rod Cutter, 1/4" - 20 Cutting Die Set, 3/8" - 16 Cutting Die Set.

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

## 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 strength.
- Custom rubber grips for maximum power.
- Fiberglass handles are tough and lightweight.

CAT. NO.	UPC NO.	DESCRIPTION	CAPACITY	
			RB85	RC40
HDFBC18	11277	Heavy-Duty Bolt Cutter with Fiberglass Handles 18 in. (457 mm) Long	5/16" (7.9 mm)	7/32" (5.6 mm)
HDFBC24	11278	Heavy-Duty Bolt Cutter with Fiberglass Handles 24 in. (610 mm) Long	3/8" (9.5 mm)	9/32" (7.1 mm)
HDFBC30	11279	Heavy-Duty Bolt Cutter with Fiberglass Handles 30 in. (762 mm) Long	1/2" (12.7mm)	5/16" (7.9 mm)
HDFBC36	11280	Heavy-Duty Bolt Cutter with Fiberglass Handles 36 in. (914 mm) Long	5/8" (15.9mm)	11/32" (8.7 mm)
11367	11367	Blade Unit for HDFBC18	—	—
11342	11342	Blade Unit for HDFBC24	—	—
11344	11344	Blade Unit for HDFBC30	—	—
11346	11346	Blade Unit for HDFBC36	—	—



## 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	11273	Heavy-Duty Bolt Cutter - 24 in. (610 mm) Long	3/8" (9.5 mm)	9/32" (7.1 mm)
HDBC30	11274	Heavy-Duty Bolt Cutter - 30 in. (762 mm) Long	1/2" (12.7 mm)	5/16" (7.9 mm)
HDBC36	11275	Heavy-Duty Bolt Cutter - 36 in. (914 mm) Long	5/8" (15.9 mm)	11/32" (8.7 mm)
HDBC42	11276	Heavy-Duty Bolt Cutter - 42 in. (1067 mm) Long	3/4" (19.1 mm)	3/8" (9.5 mm)
<b>R</b> 11342	11342	Blade Unit for HDBC24	—	—
<b>R</b> 11344	11344	Blade Unit for HDBC30	—	—
<b>R</b> 11346	11346	Blade Unit for HDBC36	—	—
<b>R</b> 11348	11348	Blade Unit for HDBC42	—	—

## 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	11267	Standard Bolt Cutter - 14 in. (356 mm) Long	1/4" (6.4 mm)	3/16" (4.8 mm)
BC18	11268	Standard Bolt Cutter - 18 in. (457 mm) Long	5/16" (7.9 mm)	1/4" (6.4 mm)
BC24	11269	Standard Bolt Cutter - 24 in. (610 mm) Long	3/8" (9.5 mm)	5/16" (7.9 mm)
BC30	11270	Standard Bolt Cutter - 30 in. (762 mm) Long	1/2" (12.7 mm)	11/32" (8.7 mm)
BC36	11271	Standard Bolt Cutter - 36 in. (914 mm) Long	5/8" (15.9 mm)	3/8" (9.5 mm)
<b>R</b> 11281	11281	Blade Unit for BC14	—	—
<b>R</b> 11301	11301	Blade Unit for BC18	—	—
<b>R</b> 11306	11306	Blade Unit for BC24	—	—
<b>R</b> 11316	11316	Blade Unit for BC30	—	—
<b>R</b> 11321	11321	Blade Unit for BC36	—	—

## Power-Return Tape Measures



- 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. standout.
- Multi-riveted double tang foot for strength.
- 16" and 19.2" stud markings.
- 0155-7MA has Metric and English markings.
- Note: This is not an insulated tool.

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT
0155-25A	12479	Power Return Tape Measure, double tang/sided, 25 Ft.	.89 lbs
0155-7MA	12477	Power Return Tape Measure, double tang/sided, 7.5 meter	.89 lbs

## Straight Claw Hammer



- Universal design perfect for a variety of applications.
- Lightweight, durable fiberglass handle for shock resistance.
- Cushioned grip and flared handle end for user comfort and to reduce slipping.
- Exceeds ASME/ANSI specifications.
- Lifetime limited warranty.
- Note: This is not an insulated tool.

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT
0156-12	89266	16 oz. Straight Claw Hammer	1.57 lbs

# FLASHLIGHTS

## Aluminum LED Flashlights

**NEW PRODUCT**



- Long-life 50,000 hour LED light source
- 1 watt LED (D and C sizes) and .5 watt LED (AA sizes)
- 2 brightness settings to extend battery life (for D and C sizes)
- Digitally regulated for constant brightness
- 4 times the battery life of equivalent Xenon
- Aircraft grade anodized aluminum
- Rugged all-weather design
- Anti-roll feature
- Batteries included

CAT. NO.	UPC NO.	DESCRIPTION	BATTERIES	BRIGHTNESS	WEIGHT
FL2AA	13494	LED Aluminum Flashlight, 2AA	(2) AA Alkaline	20 lumens	.4 lbs
FL2C	13495	LED Aluminum Flashlight, 2C	(2) C Alkaline	85/30 lumens	1 lbs
FL2D	13497	LED Aluminum Flashlight, 2D	(2) D Alkaline	85/30 lumens	1.6 lbs

## Flexible LED Flashlight

**NEW PRODUCT**



- Small 9/32" head will illuminate tight spaces other flashlights cannot.
- 16" flexible PVC coated cable will bend and hold the desired state.
- Runs up to 100 hours on two AA batteries (included).
- Rugged white LED light source lasts over 50,000 hours.
- Anodized aluminum housing with push-button ON/OFF switch on tail-cap.
- Note: This is not an insulated tool.

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT
FL2AAF	10220	Flexible LED Flashlight	.33 lbs

## LED Plastic Flashlights

**NEW PRODUCT**



- Powerful LEDs in compact form.
- Rugged, all-weather construction.
- Batteries are included.
- Attachment accessories for added ease-of-use and increased versatility.
- FL2AAAPM, FL4AAP and FLHEAD offer a hands-free option.

CAT. NO.	UPC NO.	DESCRIPTION
FL2AAAP	13493	LED Penlight
FL4AAP	13498	LED Waterproof Flashlight
FL4AAP-HM	13539	Universal Flashlight Helmet Clip
FL4AAP-PCH	13540	Nylon Belt Pouch
FLHEAD	13543	Head Lamp



SPECIFICATIONS	FL2AAAP	FL4AAP	FLHEAD
<b>PLASTIC HOUSING</b>			
Type	Rugged Lexan	Rugged ABS	Rugged ABS
Seal	Yes, against water & dust	Yes, against water & dust	Yes, against water & dust
Waterproof	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
Wattage	0.1 Watt	2 Watt	1 Watt
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 Stap
Add-On	None	Pouch and/or Helmet Clip	None
<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

# TOOL BAGS, POUCHES & BELTS

## 20" Electrician's Bag



0158-11

- Constructed of heavy-duty canvas for durability.
- Sixteen canvas, interior & exterior pockets for additional versatility.
- Full-grain leather bottom, sides and riveted buckle straps.
- Washer rivets for extra strength.
- Wrap around handles with reinforced stitching fully support bag bottom for heavy load capacity.
- Reinforced bottom helps retain bag shape, while protecting and supporting tools.
- Large-opening steel-framed mouth with hinge for rugged use and easy access to contents.

### SPECIFICATIONS

**Dimensions** L - 20" (50.8 cm), W- 12" (30.5 cm), H - 10" (25.4 cm)

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT
0158-11	56334	20" Electrician's Canvas Bag	4.25 lbs.

## 18" Heavy-Duty Multi-Pocket Bag



0158-12

- Constructed of heavy-duty nylon for longer life.
- Thirty-one multi-use reinforced pockets, inside and out help organize tools and accessories.
- Large-opening steel-framed mouth with hinge and zipper for rugged use and easy access to contents.
- Padded handles and adjustable shoulder strap for comfort and versatility.
- Large interior to easily carry power tools, fish tapes and other large tools.
- Wrap around handles with reinforced stitching fully support bag bottom for heavy load capacity.
- Elastic straps on outside of bag for levels, hammers and crowbars.

### SPECIFICATIONS

**Dimensions** L - 18" (45.7 cm), W- 11" (27.9 cm), H - 10" (25.4 cm)

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT
0158-12	56335	18" Heavy-Duty Multi-pocket Bag	3.55 lbs.

## 11" Cordura® Open Tool Carrier



0158-13

- Constructed of a double-layer of rugged, lightweight Cordura® fabric.\*
- Versatile thirty-seven pocket and loop design keeps tools organized.
- Large square opening with snap handle allows for easy access to spacious interior and pockets.
- Box-shaped design and sturdy reinforced bottom with rubber feet prevent tipping.
- Heavy-duty box stitching with washer riveting at all stress points for extra strength and longer life.
- Padded handle, adjustable shoulder strap and additional built-in straps for extra versatility.
- Heavy-duty tape measure holder accepts and holds any size tape securely.

### SPECIFICATIONS

**Dimensions** L - 11" (27.9 cm), W- 9" (22.9 cm), H - 10" (25.4 cm)

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT
0158-13	56336	11" Cordura Open Tool Carrier	4.55 lbs.

\*Cordura® is a registered trademark for durable fabric.



## 16" Tool Carrier with Parts Bin



- Versatile 15-pocket design accommodates a wide variety of hand tools.
- 13" x 9" multi-compartment plastic tray for small parts storage including connectors, wire nuts, screws, etc.
- Padded shoulder strap and carrying handle.
- Metal tool clip, electrical tape strap, tape measure clip and 4 pencil/punch tubes.
- Main pocket with web loops to accommodate large tools.
- Constructed of heavy-duty fabric for durability.
- Steel-reinforced edges to maintain shape.

### SPECIFICATIONS

**Dimensions** H - 10" (25.4 cm), D - 10" (25.4 cm), W - 16" (40.6 cm)

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT
0158-19	13388	16" Tool Carrier Bag with Parts Bin	4.1 lbs.

## 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; will not rot, crack or mildew.
- Cordless drill holster.
- Includes electrician's metal tape chain, hammer loop and tool clip for convenience.
- Made to fit 29"-46" waist.

### SPECIFICATIONS

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

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT
0158-16	89205	3-Piece Pouch/Belt Combo	3.3 lbs.

## 7 Pocket Caddy

0158-17



- Constructed of a double-layer of 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 accepts and holds any size tape securely.

### SPECIFICATIONS

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

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT
0158-17	13386	7 Pocket Caddy	.95 lbs.

\*Cordura® is a registered trademark for durable fabric.

## 20-Pocket Tool Caddy

0158-15



- Constructed of a double-layer of rugged, lightweight Cordura® fabric.\*
- Versatile twenty-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 accepts and holds any size tape securely.

### SPECIFICATIONS

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

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT
0158-15	56337	20-Pocket Tool Caddy	1.45 lbs.

\*Cordura® is a registered trademark for durable fabric.

## Heavy-Duty 8-Pocket Leather Pouch

0258-11



- 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.
- Tapered compartments for tool stability.
- Tape chain included.
- Fits belts up to 3" wide.
- Top grain leather – won't fade or stain.
- Heavy-Duty tape measure holder accepts and holds any size tape securely.

### SPECIFICATIONS

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

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT
0258-11	56339	Heavy-Duty 8-Pocket Leather Pouch	1.8 lbs.

## Heavy-Duty 5-Pocket Leather Pouch



0258-13

- Large 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.
- Tapered compartments for tool stability.
- Tape chain included.
- Fits belts up to 3" wide.
- Top grain leather – won't fade or stain.
- Heavy-Duty tape measure holder accepts and holds any size tape securely.

### SPECIFICATIONS

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

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT
0258-13	56340	Heavy-Duty 5-Pocket Leather Pouch	1.2 lbs.

## Heavy-Duty 4-Pocket Leather Pouch



0258-14

- Four compact pocket areas designed for easy storage and tool access.
- Washer rivets for extra strength.
- Metal tool clip.
- Tapered compartments for tool stability.
- Tape chain included.
- Fits belts up to 3" wide.
- Top grain leather – won't fade or stain.

### SPECIFICATIONS

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

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT
0258-14	56341	Heavy-Duty 4-Pocket Leather Pouch	.43 lbs.

## Heavy-Duty Leather Tool Belt



9858-11

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

### SPECIFICATIONS

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

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT
9858-11	56347	Heavy Duty Leather Tool Belt	.63 lbs.

## Padded Tool Belt



9858-12

- 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**      L - 50" (12.7 cm), H - 5" (12.7 cm)

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT
9858-12	56348	5" Padded Tool Belt	.93 lbs.

## 12" Canvas Zipper Bag



0158-14

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

### SPECIFICATIONS

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

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT
0158-14	56338	12" Canvas Zipper Bag	.17 lbs.

# INSULATED PLIERS, CUTTERS & CRIMPERS



A PRODUCT VIDEO IS AVAILABLE, SCAN THIS QR CODE OR VISIT:  
[www.youtube.com/GreenleeDEMO](http://www.youtube.com/GreenleeDEMO)

## Insulated Pliers

NEW PRODUCT



1000 V



0151-09-INS



0251-08A-INS



0351-08-INS



0451-10-INS

- Forged from chrome vanadium steel for greater strength and long life.
- High leverage design provides greater cutting power, reducing fatigue.
- Independently tested to meet or exceed IEC and ASTM standards.
- Safety orange handles provide visibility and are easily identifiable.
- Dual layer insulation for maximum protection.
- Guards protect hand from accidental contact of energized source.
- Lifetime limited warranty.

CAT. NO.	UPC NO.	DESCRIPTION	WT
0151-09-INS	13456	Pliers, Sidecut, 9", Insulated, Molded Handles	1.22 lbs
0251-08A-INS	13454	Pliers, Diagonal, 8", Insulated, Molded Handles	.72 lbs
0351-08-INS	13455	Pliers, Long Nose, 8", Insulated, Molded Handles	.72 lbs
0451-10-INS	13453	Pliers, Pump, 10", Insulated, Molded Handles	1.13 lbs

## Insulated High Leverage Cable Cutter

NEW PRODUCT

1000 V



727-INS

- Cuts up to 2/0 copper and aluminum cables and 100 pair communications cables.
- High leverage design provides greater cutting power, reducing fatigue.
- Precision ground, beveled, shear action blades cut cable cleanly each time.
- Independently tested to meet or exceed IEC and ASTM standards.
- Safety orange handles provide visibility and are easily identifiable.
- Dual layer insulation for maximum protection.
- Guards protect hand from accidental contact of energized source.
- Lifetime limited warranty.

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT
727-INS	31402	Cable Cutter, High Leverage, Insulated, Molded Handles	1.3 lbs

## Insulated Terminal Crimping Tool

NEW PRODUCT

1000 V



KP1022-INS

- For crimping both 10-22 AWG insulated and non-insulated terminals and connectors.
- Independently tested to meet or exceed IEC and ASTM standards
- Safety orange handles provide visibility and are easily identifiable.
- Dual layer insulation for maximum protection.
- Guards protect hand from accidental contact of energized source.
- Lifetime limited warranty.

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT
KP1022-INS	31403	Crimping Tool, Terminal, Insulated, Molded Handles	1.05 lbs



## 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
- Independently tested to meet or exceed IEC and ASTM standards
- Dual layer insulation for maximum protection.
- Guards protect hand from accidental contact of energized source.
- Lifetime limited warranty.

CAT. NO.	UPC NO.	DESCRIPTION
45206I	12680	Ratchet Cable Cutter with insulated Handles (1.5 lbs/7 kg)
45207I	12681	Ratchet Cable Cutter with insulated Handles (2.4 lbs/1.1 kg)
<b>R</b> 45218	45218	Movable Blade (45206 & 45206I)
<b>R</b> 45212	45212	Fixed Blade (45206)
<b>R</b> 12526	12526	Fixed Blade (45206I)
<b>R</b> 45211	45211	Movable Blade (45206 & 45206I)
<b>R</b> 45228	45228	Fixed Blade (45207)
<b>R</b> 05883	05883	Fixed Blade (45207I)

### SPECIFICATIONS

45206I	COPPER	ALUMINUM	COMMUNICATION CABLE
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> )	
45207I			
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> )	

## Insulated Plier and Screwdriver Set

**NEW**  
PRODUCT



**1000 V**



0159-01-INS

- Independently tested to meet or exceed IEC and ASTM standards.
- Dual layer insulation for maximum protection.
- Guards protect hand from accidental contact of energized source.
- Lifetime limited warranty.
- Custom tool roll-up carrier.

### Kit Includes:

9" Insulated Side-Cutting Pliers, 8" Insulated Diagonal Cutting Pliers, 8" Insulated Long-Nose Pliers, 10" Insulated Pump Pliers, 3/16"x4" Insulated Cabinet Tip Screwdriver, 1/4"x4" Insulated Cabinet Tip Screwdriver, #2x4" Insulated Phillips Tip Screwdriver, Custom Tool Roll-Up Carrier

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT
0159-01-INS	10627	Plier & Screwdriver, Insulated Kit, 7 Piece Kit	4.94 lbs

# INSULATED DRIVERS

## 9-Piece Insulated Screwdriver Set



A PRODUCT VIDEO IS AVAILABLE, SCAN THIS QR CODE OR VISIT:

[www.youtube.com/GreenleeDEMO](http://www.youtube.com/GreenleeDEMO)



1000 V



- Exceeds 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.
- Custom Tool Roll-Up Carrier
- Lifetime limited warranty.

### Kit Includes:

#1x3" Insulated Screwdriver, #2x4" Insulated Screwdriver, #3x6" Insulated Screwdriver, 1/4"x4" Insulated Cabinet Tip Screwdriver, 3/16"x4" Insulated Cabinet Tip Screwdriver, 3/16"x6" Insulated Cabinet Tip Screwdriver, 3/16"x8" Insulated Cabinet Tip Screwdriver, 5/16"x6" Insulated Cabinet Tip Screwdriver, 3/8"x10" Insulated Cabinet Tip Screwdriver, Custom Tool Roll-Up Carrier

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT
0153-01-INS	13439	Screwdriver, Insulated, 9 Piece Kit	3.1 lbs

## Insulated Screwdrivers



1000 V



- Rated to 1000V AC and exceed both ASTM and IEC standards.
- Built heavy-duty for longer life.
- Built with precision-machined, black phosphate-plated tips for accurate fastener contact.
- Cushion grip handles for comfort and torque
- Dual color insulation provides added safety.
- Lifetime Limited Warranty.

CAT. NO.	UPC NO.	DESCRIPTION
0153-11-INS	13443	Screwdriver, Insulated, Cabinet Tip, 1/4" X 4"
0153-15-INS	13447	Screwdriver, Insulated, Cabinet Tip, 5/16" X 6"
0153-17-INS	13448	Screwdriver, Insulated, Cabinet Tip, 3/8" X 10"
0153-21-INS	13444	Screwdriver, Insulated, Cabinet Tip, 3/16" X 4"
0153-22-INS	13445	Screwdriver, Insulated, Cabinet Tip, 3/16" X 6"
0153-23-INS	13446	Screwdriver, Insulated, Cabinet Tip, 3/16" X 8"
0153-31-INS	13440	Screwdriver, Insulated, #1 X 3"
0153-33-INS	13441	Screwdriver, Insulated, #2 X 4"
0153-35-INS	13442	Screwdriver, Insulated, #3 X 6"
0353-32-INS	13450	Screwdriver, Insulated, Sq Tip, #1 X 6"
0353-33-INS	13451	Screwdriver, Insulated, Sq Tip, #2 X 6"

### CABINET TIP

SPECIFICATIONS	1/4" X 4"	5/16" X 6"	3/8" X 10"	3/16" X 4"	3/16" X 6"	3/16" X 8"
Overall Length	8-1/4" (21.0 cm)	10-7/8" (27.6 cm)	14-7/8" (37.8 cm)	7-3/4" (19.7 cm)	9-3/4" (24.8 cm)	11-5/8" (29.5 cm)
Weight	.26 lbs. (.12 kg)	.40 lbs. (.18 kg)	.61 lbs. (.28 kg)	.16 lbs. (.07 kg)	.19 lbs. (.08 kg)	.21 lbs. (.09 kg)

### PHILLIPS TIP

SPECIFICATIONS	#1 X 3"	#2 X 4"	#3 X 6"
Overall Length	6-3/4" (17.1 cm)	8-1/4" (21.0 cm)	10-7/8" (27.6 cm)
Weight	.15 lbs. (.07 kg)	.24 lbs. (.11 kg)	.40 lbs. (.18 kg)

### SQUARE TIP

SPECIFICATIONS	#1 X 3"	#2 X 4"
Overall Length	6-3/4" (17.1 cm)	8-1/4" (21.0 cm)
Weight	.15 lbs. (.07 kg)	.24 lbs. (.11 kg)

## 7-Piece Insulated Nut Holding Nut Driver Set



**NEW PRODUCT**

**LIFETIME WARRANTY**

**1000 V**

**NUTHOLDING TECHNOLOGY™**

- Exceeds the IEC 60900 and ASTM F1505 standards for insulated tools.
- Patent pending Nut-Holding, non-magnetic design – won't collect metal filings, works with stainless steel and brass.
- Complies with the IEC 60900 & ASTM F1505 standards.
- Helps meet the requirements of OSHA 1910.331-335, NFPA 70E & CSA-Z462.
- Dual layer insulation provides added safety and protection against electric shock.
- Custom Tool Roll-Up Carrier
- Lifetime limited warranty.

### Kit Includes:

3/16"x6" Insulated Nut Driver, 1/4"x6" Insulated Nut Driver, 5/16"x6" Insulated Nut Driver, 11/32"x6" Insulated Nut Driver, 3/8"x6" Insulated Nut Driver, 7/16"x6" Insulated Nut Driver, 1/2"x6" Insulated Nut Driver, Custom Tool Roll-Up Carrier

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT
0253-03NH-INS	13473	Insulated Nut Holding Nut Drivers, 7 Piece Kit	3.1 lbs

## Insulated Nut Holding Nut Drivers



**NEW PRODUCT**

**LIFETIME WARRANTY**

**1000 V**

**NUTHOLDING TECHNOLOGY™**

0253-13NH-INS

- Rated to 1000V AC and exceed both ASTM and IEC standards.
- Built heavy-duty for longer life.
- Cushion grip handle for more comfort and torque.
- Lifetime Limited Warranty.
- Patent pending Nut-Holding, non-magnetic design – won't collect metal filings, works with stainless steel and brass.

CAT. NO.	UPC NO.	DESCRIPTION
0253-17NH-INS	13480	Insulated Nut Holding Nut Drivers, 1/2" X 6"
0253-12NH-INS	13475	Insulated Nut Holding Nut Drivers, 1/4" X 6"
0253-14NH-INS	13477	Insulated Nut Holding Nut Drivers, 11/32" X 6"
0253-11NH-INS	13474	Insulated Nut Holding Nut Drivers, 3/16" X 6"
0253-15NH-INS	13478	Insulated Nut Holding Nut Drivers, 3/8" X 6"
0253-13NH-INS	13476	Insulated Nut Holding Nut Drivers, 5/16" X 6"
0253-16NH-INS	13479	Insulated Nut Holding Nut Drivers, 7/16" X 6"

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

# SAFETY PRODUCTS

## Gloves

NEW PRODUCT



Handyman



Handyman Nitrile



Tradesman



Tradesman Fingerless



Workman Pro



Workman Pro Thinsulate™

- 3 styles of top quality, high dexterity gloves – 2 sizes each
- Light-duty Nitrile dipped gloves for resistance to abrasion, punctures and improved grip
- Fingerless Gloves for absolute maximum dexterity and ventilation
- 3M™ Thinsulate™ Gloves to protect the hands and keep them warm and sweat-free while in cold weather
- Glove Clips – easy clip on/off design for attaching gloves to belt, clothing or equipment. Keeps them handy and minimizes accidental loss

CAT. NO.	UPC NO.	DESCRIPTION
0358-13L	00117	Gloves, Handyman L
0358-13XL	00118	Gloves, Handyman XL
0358-14L	00120	Gloves Tradesman L
0358-14XL	00121	Gloves Tradesman XL
0358-15L	00130	Gloves Workman Pro L
0358-15XL	00131	Gloves Workman Pro XL
06765-10L	00222	Gloves, Tradesman Finger less, L
06765-10XL	00223	Gloves, Tradesman Fingerless, XL
06765-11L	00224	Gloves, Handyman Nitrile, L
06765-11XL	00225	Gloves, Handyman Nitrile, XL
06765-12L	00233	Gloves Workman Pro Thinsulate™, L
06765-12XL	00234	Gloves Workman Pro Thinsulate™, XL
9858-15	00235	Glove Clips



Glove Clips

## Safety Glasses

NEW PRODUCT



Tradesman Smoke



Two-Tone Smoke



Tradesman Amber



Pro-View Mirror



Tradesman Clear



Frameless Clear



Overwrap Clear



Bi-focals

- 8 styles of ANSI compliant eyewear to meet the varied needs and tastes of the trade professional
- 2 models with clear lenses for all-around activities
- 2 sunglass styles for outdoor work
- Amber lens for overcast, low-light conditions
- REVO mirror lens for ultimate style and protection
- “Cheater” bi-focal lens option for those who need to see close up
- Overwrap-style to fit over prescription glasses or for visitors

CAT. NO.	UPC NO.	DESCRIPTION
01762-01C	00181	Safety Glasses, Tradesman, Clear
01762-01S	00196	Safety Glasses, Tradesman, Smoke
01762-02C-150	00193	Safety Glasses, Bi-focals, 150 Pwr, Clear
01762-03A	00197	Safety Glasses, Tradesman, Amber
01762-04M	00198	Safety Glasses, Pro View, Mirror
01762-05S	00199	Safety Glasses, Two Tone, Smoke
01762-06C	00200	Safety Glasses, Frameless, Clear
01762-07C	00201	Safety Glasses, Over-wrap, Clear



# DRILL/TAPS

## Combination Drill/Tap Bits



DTAPKIT



LDTAPKIT

**UP TO  
4X  
FASTER\***

### Standard Length:

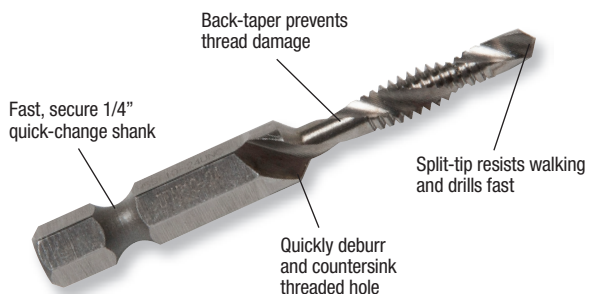


DTAP1/4-20

### Long Length:



LDTAP1/4-20



- Tap holes up to 4X faster than traditional methods.
- One-piece Drill/Tap design ensures proper hole for tap size.
- Hardened High-Speed Steel construction.
- Standard length: Drills and taps up to 1/8" material.
- Long length: Drills and taps up to 1/2" material+.
- Quick-change adapter included in all kits.

### SPECIFICATIONS

<b>Material thickness</b>	Standard length: up to 1/8" material Long length: up to 1/2" material
<b>Material type</b>	Mild steel, copper, brass, aluminum
<b>Shank</b>	1/4" quick change hex
<b>Drill Material</b>	High-speed steel
<b>Drill point</b>	Split point with web thinning

CAT. NO.	UPC NO.	DESCRIPTION	DTAPKIT	DTAPKITM	LDTAPKIT
DTAPKITM	12151	M3-M10 6 Piece Drill/Tap Set			
DTAPKIT	17620	6-32 to 1/4-20 6-piece Drill Tap Set			
LDTAPKIT	00909	8-32 to 1/4-20, 6-piece Long Drill/Tap Bit Kit with Quick-Change Adapter			
DTAP6-32	17611	6-32NC Drill/Tap Bit	✓		
DTAP8-32	17612	8-32NC Drill/Tap Bit	✓		
DTAP10-24	17613	10-24NC Drill/Tap Bit	✓		
DTAP10-32	17614	10-32NF Drill/Tap Bit	✓		
DTAP12-24	17615	12-24NC Drill/Tap Bit	✓		
DTAP1/4-20	17616	1/4-20NC Drill/Tap Bit	✓		
DTAP5/16-18	11627	5/16-18NC Drill/Tap Bit			
DTAP3/8-16	11628	3/8-16NC Drill/Tap Bit			
DTAPM3C	12160	M3 X .50 Drill/Tap Bit		✓	
DTAPM4C	12161	M4 X .70 Drill/Tap Bit		✓	
DTAPM5C	12162	M5 X .80 Drill/Tap Bit		✓	
DTAPM6C	12163	M6 X 1.00 Drill/Tap Bit		✓	
DTAPM8C	12164	M8 X 1.25 Drill/Tap Bit		✓	
DTAPM10C	12165	M10 X 1.50 Drill/Tap Bit		✓	
LDTAP8-32	00908	8-32NC Long Drill/Tap Bit			✓
LDTAP10-32	00907	10-32NF Long Drill/Tap Bit			✓
LDTAP1/4-20	00906	1/4-20NC Long Drill/Tap Bit			✓



\*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.



# STEP BITS

## Kwik Stepper® Step Bits



- Unique split-tip design penetrates through steel faster.
- Resists walking or skidding, even on round surfaces.
- Balanced, double-flute construction requires less pressure, does the work for you.
- Designed and manufactured in USA.

CAT. NO.	UPC NO.	
35884	35884	Kwik Stepper® Step Bit Kit
03607	03607	Kwik Stepper® Step Bit Kit

CAT NO.	UPC NO.			
34401	34401	1/2" Multi-Hole Step Bit	•	•
34403	34403	7/8" Multi-Hole Step Bit	•	•
30008	30008	1-1/8" Multi-Hole Step Bit		•
35936	35936	Plastic Case	•	•









### SPECIFICATIONS

**Hole Sizes** From 1/8" through 1-3/8" (3.2 - 34.9 mm)  
**Capacity** Cut up through 3/8" (9.5 mm) mild steel, copper, brass, aluminum, wood, plastic and laminates



Single-hole bits are designed to drill one indicated hole size through a series of steps from bit tip to full size.

Multi-hole bits allow you to drill a hole in any of the stated diameters.

										METRIC		
		1/2" (12.7 mm) Single-Hole Step Bit	1/2" (12.7 mm) Multi-Hole Step Bit	1/2" (12.7 mm) Multi-Hole Step Bit	13/16" (20.6 mm) Multi-Hole Step Bit	7/8" (22.2 mm) Single-Hole Step Bit	7/8" (22.2 mm) Multi-Hole Step Bit	1-1/8" Electrician's Step Bit	1-3/8" (34.9 mm) Multi-Hole Step Bit	9.7 mm (.382") Multi-Hole Step Bit	30.5 mm (1.201") Multi-Hole Step Bit	32.5 mm (1.280") Multi-Hole Step Bit
		<b>CAT/UPC NO.</b>										
Inches	mm	34410	34401	36402	30005	34411	34403	30008	36414	36018	36020	36022
1/8	3.2		✓									
5/32"	4.0		✓									
3/16"	4.8		✓	✓	✓		✓					
7/32"	5.6		✓									
1/4"	6.4		✓	✓	✓		✓					
9/32"	7.1		✓									
5/16"	7.9		✓	✓	✓		✓					
11/32"	8.7		✓									
3/8"	9.5		✓	✓	✓		✓					
0.382"	9.7										✓	
13/32"	10.3		✓									
7/16"	11.1		✓	✓	✓		✓					
15/32"	11.9		✓									
0.492"	12.5										✓ Pg-7	
1/2"	12.7	✓	✓	✓	✓		✓	✓				
9/16"	14.3				✓		✓					
0.598"	15.2										✓ Pg-9	
5/8"	15.9				✓		✓					
0.638"	16.2											✓ ISO-16
11/16"	17.5				✓		✓					
0.732"	18.6										✓ Pg-11	
3/4"	19.1				✓		✓					
0.803"	20.4										✓ Pg-13	✓ ISO-20
13/16"	20.6				✓		✓					
7/8"	22.2					✓	✓	✓	✓			
0.886"	22.5										✓ Pg-16	
1.00"	25.4											✓ ISO-25
1.114"	28.3										✓ Pg-21	
1-1/8"	28.6							✓	✓			
1.201"	30.5								✓			
1-7/32"	31.0								✓			
1-1/4"	31.8								✓			
1.280"	32.5											✓ ISO-32
1-3/8"	34.9								✓			
Overall Length		1-7/8" (47.6 mm)	3-3/8" (85.7 mm)	3-7/16" (87.3 mm)	3-7/16" (87.3 mm)	2-1/8" (54 mm)	3-9/16" (90.5 mm)	2-15/16" (74.6 mm)	3-1/8" (79.4 mm)	1-7/8" (47.6 mm)	3-3/4" (95.3 mm)	3-3/8" (85.7 mm)
Minimum Chuck Size		3/8" (9.5 mm)	3/8" (9.5 mm)	3/8" (9.5 mm)	3/8" (9.5 mm)	3/8" (9.5 mm)	3/8" (9.5 mm)	3/8" (9.5 mm)	3/8" (9.5 mm)	3/8" (9.5 mm)	3/8" (9.5 mm)	3/8" (9.5 mm)
Maximum Material Thickness		10 gauge (3.5 mm)	10 gauge (3.5 mm)	3/8" (9.5 mm)	10 gauge (3.5 mm)	10 gauge (3.5 mm)	10 gauge (3.5 mm)	10 gauge (3.5 mm)	10 gauge (3.5 mm)	10 gauge (3.5 mm)	1/4" (6.4 mm)	1/4" (6.4 mm)

# AUGER BITS



Nail Eater® RT

NEW  
PRODUCT

REPLACE THE TIP  
NOT THE BIT!



- No more resharping with our quick-change cutting edge and feed screw.
- High quality carbon alloy steel for more durability and longer life.
- Pulls through the wood even after several holes, no pushing to finish.
- Easy pull-back ground shaft.
- Maximum chip removal over the center flute.
- Patented tip design

CAT NO.	UPC NO.	
66RT-7/8	12555	Auger Bit 7/8" x 18
66RT-1	12556	Auger Bit 1" x 18
63RT-7/8	12558	Auger Bit 7/8" x 8-5/8
63RT-1	12559	Auger Bit 1" x 8-5/8
 PTR-7/8	12561	Replacement Kit 7/8"
 PTR-1	12562	Replacement Kit 1"



VIDEO

A PRODUCT VIDEO IS AVAILABLE, SCAN THIS QR CODE OR VISIT:  
[www.youtube.com/GreenleeDEMO](http://www.youtube.com/GreenleeDEMO)

## NO MORE RE-SHARPENING!

Easy & Fast to Replace in the Field. Get Back to Work in Seconds.



Insert Cutting Edge...



Insert Feed Screw...



Tighten Set Screw.

Auger Bit  
Replacement Kit  
(PTR-7/8 shown)



## Nail Eater® Extreme

**IMPROVED**  
CUTTING EDGE



- Improved cutting edge provides 30% longer life span.
- Patented new design for improved cutting and cleaner holes.
- Self-feeding screw point draws bit through wood.
- Patented Pending, cutting angle design- smoother starts, reduced cutting loads.
- Made of super tough, heat-treated steel; cuts through nails and provides longer life.
- "Shorty" bits - for working in tight places, yet still can go through three abutting 2 x 4s.
- See "Bit Extensions" if more length is required (see page 199).
- P.O.P packaged

### SPECIFICATIONS

<b>Overall Length</b>	7-5/8" (193.7 mm)
<b>Twist Length</b>	5" (127 mm)
<b>Electrical drill required</b>	61 PTS - 5/8 through 61 PTS - 1, minimum 3/8" drill; All Big Shank, 1/2" drill.

<b>Overall Length</b>	18" (457.2 mm)
<b>Twist Length</b>	15" (381 mm)

CAT. NO.	POP		BULK					
	UPC NO.	UPC NO.						
61PTS-5/8	30419	—	5/8	15.9	5/16	7.9	.3	137
61PTS-3/4	30423	—	3/4	19.1	5/16	7.9	.4	182
61PTS-7/8	30427	—	7/8	22.2	5/16	7.9	.5	227
61PTS-1	30429	—	1	25.4	5/16	7.9	.8	363
62PTS-5/8	31788	—	5/8	15.9	7/16	11.1	.3	137
62PTS-11/16	31790	—	11/16	17.5	7/16	11.1	.4	182
62PTS-3/4	31792	36640	3/4	19.1	7/16	11.1	.5	227
62PTS-13/16	31794	—	13/16	20.6	7/16	11.1	.5	227
62PTS-7/8	31796	36642	7/8	22.2	7/16	11.1	.6	273
62PTS-1	31798	36643	1	25.4	7/16	11.1	.7	318
61/62PTS-1-1/8	30431	—	1-1/8	28.6	7/16	11.1	.9	409
61/62PTS-1-1/4	30433	—	1-1/4	31.8	7/16	11.1	1.1	499

CAT. NO.	POP		BULK					
	UPC NO.	UPC NO.						
66PT-1/2	30915	—	1/2	12.7	5/16	7.9	.7	318
66PT-5/8	30919	—	5/8	15.9	7/16	11.1	.8	363
66PT-11/16	30921	—	11/16	17.5	7/16	11.1	1	454
66PT-3/4	30923	36659	3/4	19.1	7/16	11.1	1.2	545
66PT-13/16	30925	—	13/16	20.6	7/16	11.1	1.2	545
66PT-7/8	30927	36662	7/8	22.2	7/16	11.1	1.5	681
66PT-15/16	30929	—	15/16	23.8	7/16	11.1	1.6	726
66PT-1	30931	36664	1	25.4	7/16	11.1	1.8	817
66PT-1-1/8	30935	—	1/8	28.6	7/16	11.1	2.3	1044
66PT-1-1/4	30937	—	1-1/4	31.8	7/16	11.1	2.8	1270

## Nail Eater® Extreme Impact Bits

**IMPROVED**  
CUTTING EDGE



- Quickly bore through creosoted and salt-treated utility poles.
- Resists wear, eats through nails and staples.
- Self-feeding screw point draws the bit through the wood.
- 7/16" hex shank to fit impact drivers.
- Available in 18" overall length.

CAT. NO.	POP										
	UPC NO.	UPC NO.									
37868	37868	9/16	14.3	5/8	15.9	18	457.2	7/16	11.1	0.9	409
37869	37869	11/16	17.5	3/4	19.1	18	457.2	7/16	11.1	1.1	499
37870	37870	13/16	20.6	7/8	22.2	18	457.2	7/16	11.1	1.4	636
37871	37871	15/16	23.8	1	25.4	18	457.2	7/16	11.1	1.5	681



## Nail Eater® Extreme Black Utility 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% .
- Made in the USA.

CAT. NO.	UPC NO.										
66TF-9/16	02004	9/16	14.3	5/8	15.9	18	457.2	7/16	11.1	0.8	363
66TF-11/16	02005	11/16	17.5	3/4	19.1	18	457.2	7/16	11.1	1.1	476
66TF-13/16	02006	13/16	20.6	7/8	22.2	18	457.2	7/16	11.1	1.3	595
66TF-15/16	02007	15/16	23.8	1	25.4	18	457.2	7/16	11.1	1.8	795

## Stubby Auger Wood Bits



- Over center single flute design for cleaner holes and less splintering.
- Unique cutting edge design for fast and smooth cutting action.
- Shorter than the top competitor's bit for better access to tight spaces between studs and joists.
- Perfect for drilling 2" and 4" joists.
- Augers have self-feeding screw point that draws bit through all wood types with less operator fatigue.
- Eliminates the need for special tools such as expensive right angle drills or multiple steps to cut the hole to size.
- 1/4" hex quick change design for fast and easy use in all drill types.
- Clearly marked with bit diameter and catalog number on shank for easy identification.

CAT. NO.	UPC NO.						
60A-5/8	12416	5/8	15.9	4.5	144	0.3	118
60A-3/4	12417	3/4	19.1	4.5	144	0.3	136
60A-7/8	12418	7/8	22.2	4.5	144	0.3	149
60A-1	10538	1	25.4	4.5	144	0.4	199

CAT. NO.	UPC NO.	
60A-5/8	12416	5/8" Stubby Auger Wood Bit
60A-3/4	12417	3/4" Stubby Auger Wood Bit
60A-7/8	12418	7/8" Stubby Auger Wood Bit
60A-1	10538	1" Stubby Auger Wood Bit





## Long Auger Wood Bits



*\*Not a Nail Eater – should not be used in wood with nails or other hard objects*

- Fast easy drilling of clean holes, especially in salt treated utility poles.
- Made from hardened alloy steel for added toughness
- The self-feeding threaded screw point draws the bit completely through the wood – no need to push the bit while drilling
- Over center flute for evacuating chips
- Shaft is straightened for fewer vibrations to the hand and to help control the quality of the hole
- Cutting edge can be re-sharpened multiple times and continues to self feed
- 7/16" Hex Shank with easy to fit quick change groove for Impact Drivers

CAT. NO.	UPC NO.											
70PT-11/16	11097	11/16	17.5	3/4	19.1	24	610	7/16	11.1	1.3	595	
71PT-11/16	11100	11/16	17.5	3/4	19.1	30	762	7/16	11.1	1.7	771	
70PT-13/16	11098	13/16	20.6	7/8	22.2	24	610	7/16	11.1	2.1	943	
71PT-13/16	11101	13/16	20.6	7/8	22.2	30	762	7/16	11.1	1.8	795	
70PT-15/16	11099	15/16	23.8	1	25.4	24	610	7/16	11.1	2.1	966	
71PT-15/16	11102	15/16	23.8	1	25.4	30	762	7/16	11.1	2.4	1107	

## Bit Extensions



- Extend bit lengths - Holesaw arbors, spade bits, Nail Eater II® bits, Electrician's bits and Step bits.
- Use for boring deeper in wood.

CAT. NO.	UPC NO.	
<b>R</b> 3713GB	50962	Set Screw for 901-12/02706
<b>R</b> 3678GB	50753	Set Screw for 902-18/02707 and 902-24/02708
<b>R</b> 3693GB	50765	Set Screw for 904-5-1/2/34996
<b>R</b> 53892	53892	Set Screw for 904H-12/34980, 904H-18/35356 and 904H-24/35358

CAT. NO.	UPC NO.											
901-12	02706	12	304.8	1/4	6.4	1/4	6.4	9/16	14.3	1.4	636	
902-18	02707	18	457.2	5/16	7.9	23/64	9.1	21/32	16.7	2.5	1134	
902-24	02708	24	609.6	5/16	7.9	23/64	9.1	21/32	16.7	3.4	1543	
904-5-1/2	34996	5-1/2	139.7	7/16	11.1	1/2	12.7	1	25.4	2.1	953	
904H-12	34980	12	304.8	7/16	11.1	**		23/32	18.3	2.9	1316	
904H-18	35356	18	457.2	7/16	11.1	**		23/32	18.3	4.3	1951	
904H-24	35358	24	609.6	7/16	11.1	**		23/32	18.3	5	2268	

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

## E-Z Bore Self-Feed Bits

NEW PRODUCT



- Tapered backside for easier removal.
- Open design won't clog with wood chips.
- Three milled flats for use in portable electric or pneumatic drills and stationary boring machines.
- Shank size = 7/16"

CAT. NO.	UPC NO.								
149H2-1	01247	1/2"	1"	25.4	5"	127.0	0.3	.137	
149H2-1-1/8	01250	1/2"	1-1/8"	28.6	5"	127.0	0.3	.137	
149H2-1-1/4	01249	3/4"	1-1/4"	31.8	5"	127.0	0.3	.137	
149H2-1-3/8	01252	3/4"	1-3/8"	34.9	5"	127.0	0.4	.182	
149H2-1-1/2	01248	1"	1-1/2"	38.1	5"	127.0	0.4	.182	
149H2-1-3/4	01251	1-1/4"	1-3/4"	44.4	5"	127.0	0.5	.227	
149H2-2	01257	1-1/4"	2"	50.8	5"	127.0	0.6	.273	
149H2-2-1/8	01260	1-1/2"	2-1/8"	54	5"	127.0	0.7	.318	
149H2-2-1/4	01258	1-1/2"	2-1/4"	57.2	5"	127.0	0.7	.318	
149H2-2-9/16	01261	2"	2-9/16"	65.1	5"	127.0	0.8	.363	
149H2-3	01262	2-1/2"	3"	76.2	5"	127.0	1.1	.499	
149H2-3-5/8	01263	3"	3-5/8"	92.1	6-1/4"	158.8	2.1	.953	
149H2-4-5/8	01272	4"	4-5/8"	117.5	6-1/4"	158.8	2.6	1.179	

CAT. NO.	UPC NO.								
904H2-5-1/2	01266	Bit Extension	7/16"	11.1	5-1/2"	140.0	0.3	.137	

CAT. NO.	UPC NO.								
149H2-1/4	01254	Screw Point	1/4"	6.4	2"	50.8	0.1	.045	
149H2-3/8	01271	Screw Point	3/8"	9.5	2-3/4"	69.9	0.1	.045	

## E-Z Bore Self-Feed Bits Kit

NEW PRODUCT

149H2KIT  
Contractor Bit Kit



- Complete assortment of the most commonly used E-Z Bore® bits.
- High-impact, rugged plastic carrying case.
- Full complement of accessories conveniently stored.

CAT. NO.	UPC NO.								
149H2KIT	01273	Contractor Bit Kit	1/2" to 2"	1" to 2-9/16"	25.4 to 65.1	6.0	2.72		
34997	34997	Plastic Case							

# SPADE BITS

## Self-Feeding Spade Bits



34AR6



Bore hardwood, softwood, plywood and drywall.

- Innovative self-feeding design requires less effort and reduces vibration.
- Unique tapered design allows existing hole enlargement.
- 1/4" Quick change hex shank.
- Forged and heat treated for long life.
- For use in 1/4" (6.4 mm) or larger power drills.
- Hole in top center of bit for wire pulling.
- See "Bit Extensions" (page 199) if more length required.
- P.O.P. Packaged.

CAT. NO.	UPC NO.				
34AR-6	03710	Self-Feeding Spade Bit Kit (6PC)	.83		376.48

CAT. NO.	UPC NO.							
34A-3/8	03711	3/8	9.5	1/4	6.4	.09	40.8	1
34A-1/2	03712	1/2	12.7	1/4	6.4	.1	45.3	1
34A-5/8	03713	5/8	15.9	1/4	6.4	.1	45.3	1
34A-3/4	03714	3/4	19.1	1/4	6.4	.1	45.3	1
34A-7/8	03715	7/8	22.2	1/4	6.4	.12	54.4	1
34A-1	03716	1	25.4	1/4	6.4	.12	54.4	1

CAT. NO.	UPC NO.							
33A-1/4	20344	1/4	6.4	1/4	6.4	.05	23.0	
33A-3/8	20346	3/8	9.5	1/4	6.4	.09	40.8	1
33A-1/2	20348	1/2	12.7	1/4	6.4	.1	45.3	1
33A-5/8	20350	5/8	15.9	1/4	6.4	.1	45.3	1
33A-3/4	20352	3/4	19.1	1/4	6.4	.1	45.3	1
33A-7/8	20354	7/8	22.2	1/4	6.4	.12	54.4	1
33A-1	20357	1	25.4	1/4	6.4	.12	54.4	1
33A-1-1/8	20358	1-1/8	28.6	1/4	6.4	.15	68.0	
33A-1-1/4	20359	1-1/4	31.8	1/4	6.4	.15	68.0	
33A-1-3/8	20360	1-3/8	34.9	1/4	6.4	.16	72.6	
33A-1-1/2	20361	1-1/2	38.1	1/4	6.4	.16	72.6	

CAT. NO.	UPC NO.							
33L-1/4	31535	1/4	6.4	1/4	6.4	.22	99	
33L-3/8	31536	3/8	9.5	1/4	6.4	.32	145	
33L-1/2	31537	1/2	12.7	1/4	6.4	.33	150	
33L-5/8	31539	5/8	15.9	1/4	6.4	.4	181	
33L-3/4	31540	3/4	19.1	1/4	6.4	.4	181	
33L-7/8	31541	7/8	22.2	1/4	6.4	.55	250	
33L-1	31542	1	25.4	1/4	6.4	.33	150	
33L-1-1/8	31543	1-1/8	28.6	1/4	6.4	.58	263	
33L-1-1/4	31544	1-1/4	31.8	1/4	6.4	.56	254	
33L-1-1/2	31545	1-1/2	38.1	1/4	6.4	.6	272	

# D'VersiBITS & ACCESSORIES

## D'VersiBIT® System



### A new twist to an old problem.

These flexible steel drill bits are the right tools for installing wire or cable inside existing walls.

### It bends to meet your needs!

Fishing wire or cable through existing walls used to be frustrating and time-consuming, but the D'VersiBIT has made it as simple as bowing the spring steel shaft in the direction you want to drill and turning on the power. Proven in the field to deliver accurate and professional results in many applications. Bits range from 3/16" to 1" (4.8 to 25.4 mm) in diameter and in shaft length from 12" to 72" (304.8 to 1828.8 mm).

The D'VersiBIT® System makes it possible to easily accomplish even complex installations. This patented system attaches a quality drill bit to a long flexible spring steel shaft.

When used with the Placement Tool, this flexibility makes it possible to easily manipulate the bit within walls. After drilling, attach a D'VersiGRIP to the hole in the drill and pull wire or cable back through the wall.



### Type M, Masonry



- For drilling in masonry walls and through plaster.
- Recommended for use with Abrasion Shield to reduce friction and abrasion as the shaft turns against masonry.

### Type HS, Wood



- Designed for aggressive cutting in all types of wood.
- Made from high-speed steel to ensure long life.
- Replaces Bellhanger bits on 12", 18" and 24" lengths.

				CAT. NO.	UPC NO.	CAT. NO.	UPC NO.	
1/4" (6.4 mm) Blue	12	304.8	3/16	4.8	—	—	1412D	39913
	18	457.2	3/16	4.8	—	—	1418D	38744
	24	609.6	3/16	4.8	—	—	1424D	38745
	36	914.4	3/16	4.8	—	—	1436D	38746
3/8" (9.5 mm) Black	12	304.8	3/16	4.8	—	—	3812D	39914
	24	609.6	3/16	4.8	—	—	3824D	38750
	36	914.4	3/16	4.8	—	—	3836D	38751
	54	1371.6	3/16	4.8	06-03-54M	38668	3858D	38752
1/2" (12.7 mm) Green	72	1828.8	3/16	4.8	—	—	3872D	38753
	36	914.4	3/16	4.8	—	—	1236D	38756
	54	1371.6	3/16	4.8	—	—	1258D	38757
	72	1828.8	3/16	4.8	—	—	1272D	38758
	54	1371.6	1/4	6.4	08-04-54M	38678		

## D'VersiBIT® System



### 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.

### Type C, Combination



- For drilling in tough woods and thick obstacles.
- Drilling speed relative to pressure applied.
- Chips can be brought easily out of the hole.

					CAT. NO.	UPC NO.	CAT. NO.	UPC NO.	CAT. NO.	UPC NO.
1/4" (6.4 mm)	36	914.4	5/32	4.0	—	—	—	—	04-03-36C	38112
	54	1371.6	5/32	4.0	—	—	—	—	04-03-54C	38113
	72	1828.8	5/32	4.0	—	—	—	—	04-03-72C	38114
3/8" (9.5 mm)	36	914.4	3/16	4.8	06-03-36A	38067	06-03-36B	38092	06-03-36C	38117
	54	1371.6	3/16	4.8	06-03-54A	38068	06-03-54B	38093	06-03-54C	38118
	72	1828.8	3/16	4.8	06-03-72A	38069	06-03-72B	38094	06-03-72C	38119
1/2" (12.7 mm)	36	914.4	3/16	4.8	08-03-36A	38072	08-03-36B	38097	08-03-36C	38122
	54	1371.6	3/16	4.8	08-03-54A	38073	08-03-54B	38098	08-03-54C	38123
	72	1828.8	3/16	4.8	08-03-72A	38074	08-03-72B	38099	08-03-72C	38124
9/16" (14.3 mm)	36	914.4	3/16	4.8	09-03-36A	38077	09-03-36B	38102	—	—
	54	1371.6	3/16	4.8	09-03-54A	38078	09-03-54B	38103	09-03-54C	38128
	72	1828.8	3/16	4.8	09-03-72A	38079	09-03-72B	38104	09-03-72C	38129
3/4" (19.1 mm)	36	914.4	1/4	6.4	12-04-36A	38082	—	—	—	—
	54	1371.6	1/4	6.4	12-04-54A	38083	—	—	12-04-54C	38133
Red	72	1828.8	1/4	6.4	12-04-72A	38084	—	—	12-04-72C	38134
	36	914.4	1/4	6.4	16-04-36A	38087	—	—	—	—
1" (25.4 mm)	54	1371.6	1/4	6.4	16-04-54A	38088	—	—	—	—
	72	1828.8	1/4	6.4	16-04-72A	38089	—	—	—	—

## 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.	
DBITKIT	01630	D'VersiBIT® Kit with 9/16" Bit, Placement Tool and Grip for Pulling 1/2" OD Wire



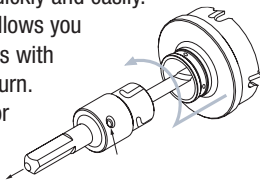
# STEEL HOLE CUTTERS

## Quick Change Stainless Steel Hole Cutters

NEW PRODUCT



- Cuts stainless steel quickly and easily.
- Quick Change arbor allows you to change cutter heads with a simple push and a turn. Use the same arbor for different size cutting heads.
- Removable cutter heads available in sizes from 5/8" through 3".
- Flange stop prevents over-drilling.
- Ejector spring on all sizes above 3/4" makes removal of slug easier.
- Replaceable, cobalt-steel pilot drill with split-point tip to prevent walking.
- Precision carbide teeth for optimum performance and durability.
- Minimum chuck size of 3/8"
- Precision engineered and manufactured... no annoying chattering and squealing while cutting.
- Improved carbide quality for more durability and longer life.



CAT. NO.	UPC NO.	CONDUIT				KIT CAT. NO. 660/UPC NO.	KIT CAT. NO. 655/UPC NO.
		Size	Length	OD	ID		
645-5/8	05691	5/8	15.8			3/8 9.5	
645-11/16	05692	11/16	17.5			3/8 9.5	
645-3/4	05693	3/4	19.0		11	3/8 9.5	
645-13/16	05694	13/16	20.6		13 20	3/8 9.5	
645-7/8	05695	7/8	22.2	1/2"		3/8 9.5	✓
645-1	05696	1	25.4		25	3/8 9.5	
645-1-1/16	05957	1-1/16	27.0			3/8 9.5	
645-1-1/8	05697	1-1/8	28.6	3/4"	21	3/8 9.5	✓
645-1-7/32	05698	1-7/32	31.0			3/8 9.5	
645-1-1/4	05699	1-1/4	31.8			3/8 9.5	
645-1-5/16	05958	1-5/16	33.3		32	3/8 9.5	
645-1-3/8	05700	1-3/8	34.9	1"		3/8 9.5	✓
645-1-7/16	05959	1-7/16	36.5		27	3/8 9.5	
645-1-1/2	05701	1-1/2	38.1			3/8 9.5	
645-1-3/4	05702	1-3/4	44.4	1-1/4"		3/8 9.5	✓
645-2	05703	2	50.8	1-1/2"	50	3/8 9.5	✓
645-2-1/8	05960	2-1/8	54.0		42	3/8 9.5	
645-2-1/4	05704	2-1/4	57.2		48	3/8 9.5	
645-2-3/8	05961	2-3/8	60.3			3/8 9.5	
645-2-1/2	05705	2-1/2	63.5	2"	63	3/8 9.5	
645-2-5/8	05706	2-5/8	66.7			3/8 9.5	
645-3	05707	3	76.2			3/8 9.5	

CAT. NO.	UPC NO.	Description	Kit Cat. no. 660/UPC No.	Kit Cat. no. 655/UPC No.
645-011	05752	Quick Change Arbor for sizes 5/8" through 2-1/4", 3/8" shank	✓	✓
645-022	05753	Quick Change Arbor for sizes 2-3/8" through 3", 1/2" shank		
645-001	05761	Pilot Drill for sizes 5/8" through 2-1/4"	✓	✓
645-002	05762	Pilot Drill for sizes 2-3/8" through 3"		
55225	55225	Ejector Spring		

CAT. NO.	UPC NO.	Description
660	05766	7/8", 1-1/8", 1-3/8", 1-3/4", 2" Cutter Heads; Arbor, Hex Key and Case
655	05820	7/8", 1-1/8", 1-3/8" Cutter Heads; Arbor, Hex Key and Case
03581	03581	3 mm Hex Key
54274	54274	Set Screw
55225	55225	1/2" Ejector Spring

NOTE: TO EXTEND THE LIFE OF YOUR TOOL, SEE CUTTING/THREADING OIL ON PAGE 218

**N** = NEW PRODUCT

**R** = REPLACEMENT PART

**A** = ACCESSORY

**B** = BARE TOOL

# Carbide-Tipped Hole Cutters

**NEW**  
PRODUCT

- Multiple tungsten carbide tips for long life and smooth cutting.
- Cut fast, accurate, high quality holes in stainless steel, copper, aluminum, steel.
- Flange stop prevents over-drilling.
- Replaceable cobalt steel pilot drill, with split-point tip design, to improve performance and resist walking; eliminates need for "center punch."



CAT. NO.	UPC NO.	
635	03599	7/8", 1-1/8", 1-3/8" Cutterheads; Pilot Drill, Hex Key and Case Weight 1.2 lbs. (.54 kg)

### SPECIFICATIONS

Maximum Cutting Depth 8 ga. (4 mm)

		CAT. NO.	UPC NO.				
3/4-2	19.0-50.8	625-001	398720	3 mm	54274	.19	86
2-1/2	63.5	625-002	38390	4 mm	54295	.28	127

◇ Point of Purchase Package

CAT. NO.	UPC NO.			CONDUIT	MIN.				KIT CAT. NO. 635/UPC NO.	
625-3/4	38324	3/4	19.0		11	1/4	6.4	.02	9	
625-13/16	38325	13/16	20.6		13	20	1/4	6.4	.02	9
625-7/8	38326	7/8	22.2	1/2"	16		1/4	6.4	.33	150 ✓
625-1	38327	1	25.4		25		3/8	9.5	.02	9
625-1-1/8	38328	1-1/8	28.6	3/4"	21		3/8	9.5	.43	195 ✓
625-1-7/32	38329	1-7/32	30.5				3/8	9.5	.44	200
625-1-1/4	38330	1-1/4	31.7				3/8	9.5	.33	150
625-1-3/8	38331	1-3/8	35.0	1"			3/8	9.5	.47	213 ✓
625-1-1/2	38332	1-1/2	38.1				3/8	9.5	.37	168
625-1-3/4	38333	1-3/4	44.4	1-1/4"			3/8	9.5	.40	182
625-2	38334	2	50.8	1-1/2"	50		3/8	9.5	.50	227
625-2-1/2	38336	2-1/2	63.5	2"			1/2	12.7	.67	304

## Ultra Cutters



- Lasts 10 times longer than standard hole saws.
- Precision-ground teeth cut smooth, burr-free holes with ease.
- 1/4" (6.35 mm) capacity.
- Durability and speed provide low cost per hole.
- Split-point pilot drill prevents "walking" – makes accurate hole placement easy.
- Spring-loaded slug ejector saves time.
- No tool required to change cutter sizes.
- Less chance of broken teeth because the saw body is machined out of solid, high-speed steel.

CAT. NO.	UPC NO.	
930	10214	Ultra Cutter Kit: Includes 7/8" to 2-1/2" Cutters, two Small Arbors for extended assembly to 7/8" and 1-1/8" Cutters, Large Arbor, Hex Wrench and Case. For conduit sizes 1/2" through 2".



CAT. NO.	UPC NO.					
925-7/8	10157	7/8	22.5	1/2"	Pg-16	5/8"
925-1-1/8	10158	1-1/8	28.6	3/4"	Pg-21	
925-1-7/32	01643	1-7/32	30.5			
925-1-5/16	04823	5/16	33.3			
925-1-3/8	10159	3/8	35.0	1"		
925-1-3/4	10160	1-3/4	44.4	1-1/4"		1-1/2"
925-2	10161	2	50.8	1-1/2"		ISO-50
925-2-1/2	10162	2-1/2	63.5			ISO-63 2"

CAT. NO.	UPC NO.	
<b>R</b> 925-011	10163	Small Arbor with Pilot Drill for 7/8" to 1-7/32" Size Cutter
<b>R</b> 925-022	10185	Large Arbor with Pilot Drill for 1-3/8" to 2-1/2" Size Cutter
<b>R</b> 925-001	10186	Small Pilot Drill
<b>R</b> 925-002	10211	Large Pilot Drill



### RECOMMENDED CUTTING SPEEDS

CUTTER SIZE	RPM		
7/8" (22.5 mm)	350		
1-1/8" (28.6 mm)	270		
1-3/8" (35.0 mm)	220		
1-3/4" (44.4 mm)	175		
2" (50.8 mm)	150		
2-1/2" (63.5 mm)	120		
		AVERAGE*	AVERAGE*
		CUTTING TIME	NUMBER
		(SEC/HOLE)	OF HOLES
HOLE SAW TYPE		(SEC/HOLE)	OF HOLES
Bi-Metal	25	50	0.10
Ultra Cutter	10	500	0.10
Carbide-Tipped Cutter	10	500	0.20

NOTE: TO EXTEND THE LIFE OF YOUR TOOL, SEE CUTTING/THREADING OIL ON PAGE 218

## Quick Change Hole Saw Kit



### Quick Change Arbor Features:

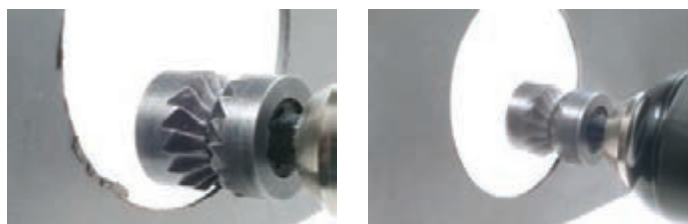
- New arbor allows for rapid mounting or removal of hole saws.
  - Faster, easier slug removal.
  - Drill pilot hole without saw:
    1. Eliminates the "bite" when saw crashes into the steel.
    2. Provides better ergonomics - reduces stress on wrist, arm and hand.
    3. Eliminates obstructed view from hole saw.
  - Only one arbor required from 7/8" to 6" (7/16" shank recommended for hole saws above 2-1/2").
  - Works with recessed light and carbide grit hole saw products as well.
  - Adapters re-usable to minimize costs.
  - Universal - works with any brand hole saw.
- Kit contains Bi-metal hole saws for 1/2" through 2" conduit sizes.  
See page 208 for details.

### SPECIFICATIONS

<b>Shank</b>	Available for 3/8" and heavy duty 1/2" chuck sizes
<b>Arbor length</b>	5-1/2" with pilot drill
<b>Arbor weight</b>	0.5 lbs (227 g)
<b>Arbor operation</b>	Push collar to lock on saw; pull to release saw
<b>Arbor pilot drill</b>	37623, 4-1/8" x 1/4" (104.8 mm x 6.4 mm)

CAT. NO.	UPC NO.	
830Q	02806	Quick Change Hole Saw Kit for 1/2" through 2" Conduit Sizes
<b>R</b> 02800	02800	5/16" Arbor, Minimum Chuck Size 3/8"
<b>R</b> 02801	02801	7/16" Arbor, Minimum Chuck Size 1/2"
<b>R</b> 02802	02802	Retrofit Kit - upgrade 3 Hole Saws up to 1-9/16" to Quick Change
<b>R</b> 02803	02803	Small Adapters for 9/16" to 1-9/16" Saws Qty. 10
<b>R</b> 02804	02804	Large Adapters for 1-5/8" to 6" Saws Qty. 3
<b>R</b> 02805	02805	Bushings for 1-1/4" to 1-9/16" Saws Qty. 5

## Deburring Tool



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

- Cleans burrs from both sides of the hole in seconds, saving time and labor.
- Works with any hole size or shape 3/4" or larger.
- Use with existing drills, battery or electric-powered.
- Ensures safety, less chance of personnel or equipment being cut on sharp edges.
- Patent pending.

### SPECIFICATIONS

<b>Material thickness</b>	Deburs up to 10 gauge
<b>Material type</b>	Mild and stainless steel, copper, brass, aluminum
<b>Shank</b>	Minimum chuck size 3/8"
<b>Cutter size</b>	13/16" diameter
<b>Operation</b>	Run tool clockwise to deburr, counterclockwise to clear chips

**NOTE: TO EXTEND THE LIFE OF YOUR TOOL, SEE CUTTING/THREADING OIL ON PAGE 218.**

# HOLE SAWS

## Bi-Metal Hole Saws



- Cut through steel, tin, aluminum, fiberglass, wood and plastic.
- Deep 1-5/8" (41.3 mm) cutting depth allows for cutting through 2" x 4" wood studs.
- Extra-tough bi-metal blade – we use the highest grade of tool steel to outlast competitor's blades. That beats premature saw replacement and saves you money.
- Steam oxide finish – no paint to gum up and slow cutting. The saw runs cooler for longer life and better performance.
- Extra-thick backplate minimizes vibration for smoother, easier, less tiring cutting.
- Made in USA

CAT. NO.	UPC NO.						USE WITH QUICK CHANGE				
825-5/8	19132	5/8	15.9		Pg-9	1/4"	02800*	37157, 37155, or 38522	.1	46	
825-3/4	19134	3/4	19.0		Pg-11	1/2"			.1	46	
825-13/16	19135	13/16	20.6		Pg-13	ISO-20			1/2"	.1	46
825-7/8	19136	7/8	22.2	1/2"	Pg-16	5/8"			1/2"	.1	46
825-1	19138	1	25.4			ISO-25			3/4"	.1	46
825-1-1/8	19141	1-1/8	28.6	3/4"	Pg-21	3/4"			3/4"	.1	46
825-1-3/16	19143	1-3/16	30.2							.2	91
825-1-1/4	19144	1-1/4	31.7						1"	.2	91
825-1-5/16	19145	1-5/16	33.3			ISO-32				.2	91
825-1-3/8	19146	1-3/8	35.0	1"						.1	46
825-1-7/16	19147	1-7/16	36.5		Pg-29			.2	91		
825-1-1/2	19148	1-1/2	38.1				1-1/4"	.2	91		
825-1-5/8	19150	1-5/8	41.3			ISO-40		.2	91		
825-1-3/4	19152	1-3/4	44.4	1-1/4"			1-1/2"	.2	91		
825-1-7/8	19154	1-7/8	47.6		Pg-36			.3	137		
825-2	19155	2	50.8	1-1/2"		ISO-50		.2	91		
825-2-1/8	19158	2-1/8	54.0		Pg-42			.3	137		
825-2-1/4	19159	2-1/4	57.2				2"	.3	137		
825-2-3/8	19161	2-3/8	60.3		Pg-48		2"	.3	137		
825-2-1/2	19162	2-1/2	63.5	2"		ISO-63	2"	.3	137		
825-2-5/8	19164	2-5/8	66.7					.4	182		
825-2-3/4	19165	2-3/4	69.8					.4	182		
825-2-7/8	19166	2-7/8	73.0					.4	182		
825-3	19167	3	76.2	2-1/2"			2-1/2"	.5	227		
825-3-1/8	19168	3-1/8	79.4					.5	227		
825-3-1/4	19169	3-1/4	82.5					.6	273		
825-3-1/2	19171	3-1/2	88.9					.6	273		
825-3-5/8	19172	3-5/8	92.1	3"				.6	273		
825-3-3/4	19174	3-3/4	95.2					.7	318		
825-4	19176	4	101.6					.7	318		
825-4-1/8	19177	4-1/8	104.8	3-1/2"			3-1/2"	.8	363		
825-4-1/4	19178	4-1/4	108.0				4"	.8	363		
825-4-3/8	19179	4-3/8	111.1					.8	363		
825-4-1/2	19180	4-1/2	114.3	4"				9	409		
825-4-3/4	19181	4-3/4	120.6					1.1	499		
825-5	19182	5	127.0					1.2	545		
825-5-1/2	19183	5-1/2	139.7				5"	1.2	545		
825-6	19184	6	152.4					1.4	636		
825-68	36169	68	68.0					.4	182		
825-74	36170	74	70.0					.5	227		

\*See page 207 for Quick Change adapter information.



## 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 210.








CAT. NO.	UPC NO.				
725-7/8	10072	7/8	22.2	1/2"	16
725-1-1/8	10073	1-1/8	28.6	3/4"	21
725-1-3/8	10075	1-3/8	35.0	1"	
725-1-1/2	10076	1-1/2	38.1		
725-1-3/4	10077	1-3/4	44.4	1-1/4"	
725-2	10078	2	50.8	1-1/2"	50
725-2-1/8	10079	2-1/8	54.0		
725-2-1/2	10080	2-1/2	63.5	2"	63
725-3-5/8	10081	3-5/8	92.1	3"	
725-4-1/8	10687	4-1/8	104.8	3-1/2"	
725-4-1/2	01879	4-1/2	114.3	4"	

CAT. NO.	UPC NO.	
725-001	10082	1/4" Carbide Tipped Pilot Drill

\* Quazite is a registered trademark of Strongwell Corporation.

## Arbors with Replacement High-Speed Steel 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 bimetal 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.

							
<b>Standard Pack</b>	N/A	37157	38522	37155	N/A	37154	37156
<b>Point of Purchase Pack</b>	02800	38507	38524	38505	02801	38504	38506
<b>Bulk Pack</b>	N/A	37157B/37630	38522B/38529	37155B/37628	N/A	37154B/37903	37156B/37626
<b>Shank</b>	Hex		Hex	Hex	Hex	Hex	Hex
<b>Shank Size</b>	5/16" (7.9 mm)	1/4" (6.4 mm)	5/16" (7.9 mm)	7/16" (11.1 mm)	7/16" (11.1 mm)	5/16" (7.9 mm)	7/16" (11.1 mm)
<b>Min. Chuck Size</b>	3/8" (9.5 mm)	1/4" (6.4 mm)	3/8" (9.5 mm)	1/2" (12.7 mm)	1/2" (12.7 mm)	3/8" (9.5 mm)	1/2" (12.7 mm)
<b>Locking Collar*</b>	No	No	No	No	No	Yes	Yes
<b>Use With</b>	9/16" - 2" (14.3 - 50.8 mm)	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	9/16"-6" (14.3 - 152.4mm)	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
<b>Weight</b>	0.5 lbs (227 g)	2 lbs (91 g)	.2 lbs (91 g)	.2 lbs (91 g)	0.5 lbs (227 g)	.5 lbs (227 g)	.5 lbs (227 g)



### CARBIDE-TIPPED PILOT DRILLS



<b>Standard Pack</b>	37623	38526	<b>Standard Pack</b>	10082
<b>Qty: 6 per pack</b>			<b>Length</b>	4-1/8" (104.8 mm)
<b>POP Pack</b>	39873	39893	<b>Diameter</b>	1/4" (6.4 mm)
<b>Qty: 6 per pack</b>			<b>Use With</b>	37157, 37155,
<b>Bulk Pack</b>	37624	38991	<b>Arbor #'s</b>	37156 & 37154
<b>Qty: 50 per pack</b>			<b>Weight</b>	.2 lbs (91 g)
<b>Length</b>	4-1/8" (6.4 mm)	3-1/4" (82.5 mm)		
<b>Diameter</b>	1/4" (6.4 mm)	1/4" (6.4 mm)		
<b>Use With</b>	37154, 37155,	37154, 37155,		
<b>Greenlee</b>	37156 &	37156 &		
<b>Arbor #'s</b>	37157	38522		
<b>Weight</b>	.2 lbs (91 g)	.2 lbs (91 g)		

See page 207 for Quick Change adapter information.

### Locking Collar



- Saves valuable time – no stopping to re-tighten.
- Made in the USA.

## Bi-Metal Hole Saw Kits



835 / 27538



834 / 19913



830 / 19192



889 / 03478



890 / 03479



891 / 03480

- Several electrician's kits available providing an assortment of the most commonly used Greenlee variable pitch hole saw sizes and arbors.
- High-impact, rugged plastic carrying case.
- Each kit includes three hole saw stops.

CAT. NO.	UPC NO.			
830	19192	Hole Saw Kit for 1/2" through 2" Conduit Sizes	2.7	1.2
834	19913	Hole Saw Kit for 2-1/2" through 4" Conduit Sizes	6.2	2.8
835	27538	Hole Saw Kit for 1/2" through 4" Conduit Sizes	7.7	3.5
830Pg	29209	Hole Saw Kit for Pg-9 through Pg-48	2.7	1.2
889	03478	Plumber's Hole Saw Kit - 3/4" through 2-1/4" Conduit Sizes	2.3	1.0
890	03479	Industrial Maintenance Hole Saw Kit - 3/4" through 4-3/4" Conduit Sizes	9.7	4.4
891	03480	Electrician's/Plumber's Hole Saw Kit - 3/4" through 2-1/2" Conduit Sizes	3.5	1.6

CAT. NO.	UPC NO.							
825-3/4	19134	3/4" Hole Saw				✓	✓	✓
825-7/8	19136	7/8" Hole Saw	✓	✓	✓	✓	✓	✓
825-1	19138	1" Hole Saw						✓
825-1-1/8	19141	1-1/8" Hole Saw	✓		✓	✓	✓	✓
825-1-3/8	19146	1-3/8" Hole Saw	✓		✓			✓
825-1-1/2	19148	1-1/2" Hole Saw					✓	✓
825-1-3/4	19152	1-3/4" Hole Saw	✓		✓		✓	✓
825-2	19155	2" Hole Saw	✓		✓			✓
825-2-1/4	19159	2-1/4" Hole Saw					✓	✓
825-2-1/2	19162	2-1/2" Hole Saw	✓		✓			✓
825-3	19167	3" Hole Saw		✓	✓			✓
825-3-1/4	19169	3-1/4" Hole Saw						✓
825-3-5/8	19172	3-5/8" Hole Saw		✓	✓			✓
825-3-3/4	19174	3-3/4" Hole Saw						✓
825-4-1/8	19177	4-1/8" Hole Saw		✓	✓			✓
825-4-1/2	19180	4-1/2" Hole Saw		✓	✓			✓
825-4-3/4	19181	4-3/4" Hole Saw						✓
825-5/8	19132	Pg-9 (15.9 mm) Hole Saw				✓		
825-3/4	19134	Pg-11 (19.0 mm) Hole Saw				✓		
825-13/16	19135	Pg-13 (20.6 mm) Hole Saw				✓		
825-1-3/16	19143	30.2 mm Hole Saw				✓		
825-1-1/2	19148	Pg-29 (38.1 mm) Hole Saw				✓		
825-1-7/8	19154	Pg-36 (47.6 mm) Hole Saw				✓		
825-2-3/8	19161	Pg-48 (60.3 mm) Hole Saw				✓		
38522	38522	Arbor w/Pilot Drill		(2)				
37157	37157	Arbor w/Pilot Drill				✓		
37155	37155	Arbor w/Pilot Drill				✓	✓	✓
37156	37156	Arbor w/Pilot Drill	✓	✓	✓	✓	✓	✓
38526	38526	Pilot Drill					✓	✓

# SAW BLADES

## Reciprocating Saw Blades

NEW PRODUCT



### GREENLEE EXTREME Ti-Metal Blades

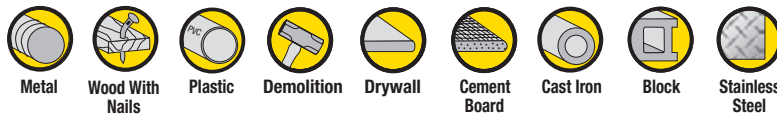
- High performance Titanium (Ti) coating + Improved Bi-Metal blades = GREENLEE EXTREME Ti-Metal
- The super-hard titanium coating helps dissipate heat and resists wear on the cutting teeth.
- Extreme Ti-Metal blades stay sharp, cut faster, and last longer...even in the most demanding applications.

### GREENLEE EXTREME Blades

- Heavy-duty blades for heavy metal applications.
- Designed specifically for extreme metal cutting in structural steel I-Beam and angle iron.
- Thicker, wider blades cut straighter and resist bending during high-load cuts.







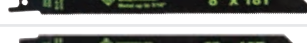





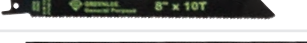

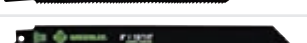








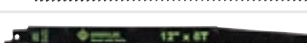







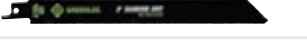



### GREENLEE Bi-Metal Blades

- 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.



				CAT. NO.	UPC NO.		
<b>GREENLEE - EXTREME TI-METAL</b>							
	METAL	For cutting thick metal 3/32" - 3/8"	14T 6 x 3/4 x .035 152 x 19 x .9	353-614G	01030		5
		For cutting medium metal 1/16" - 3/16"	18T 6 x 3/4 x .035 152 x 19 x .9	353-618G	01010		5
			18T 8 x 3/4 x .035 203 x 19 x .9	353-818G	01012		5
		For cutting thin metal 1/8" and less.	24T 6 x 3/4 x .035 152 x 19 x .9	353-624G	01011		5
	GENERAL PURPOSE	General purpose blade for cutting metal, wood w/nails, and PVC.	10T 6 x 3/4 x .035 152 x 19 x .9	353-610G	01027		5
			10T 8 x 3/4 x .050 203 x 19 x 1.3	353-810G	01029		5
	WOOD	For cutting in clean wood and wood w/ nails.	6T 6 x 3/4 x .050 152 x 19 x 1.3	353-656G	01000		5
			6T 9 x 3/4 x .050 229 x 19 x 1.3	353-956G	01042		5
			6T 12 x 3/4 x .050 305 x 19 x 1.3	353-156G	01026		5
<b>GREENLEE - EXTREME</b>							
	STRUCTURAL STEEL	For cutting structural steel up to 3/8".	14T 6 x 1 x .042 152 x 25 x 1.1	353-6114	31329		5
			14T 9 x 1 x .042 229 x 25 x 1.1	353-9114	31332		5
		For cutting structural steel up to 1/4".	18T 6 x 1 x .042 152 x 25 x 1.1	353-6118	31331		5
			18T 9 x 1 x .042 229 x 25 x 1.1	353-9118	31333		5

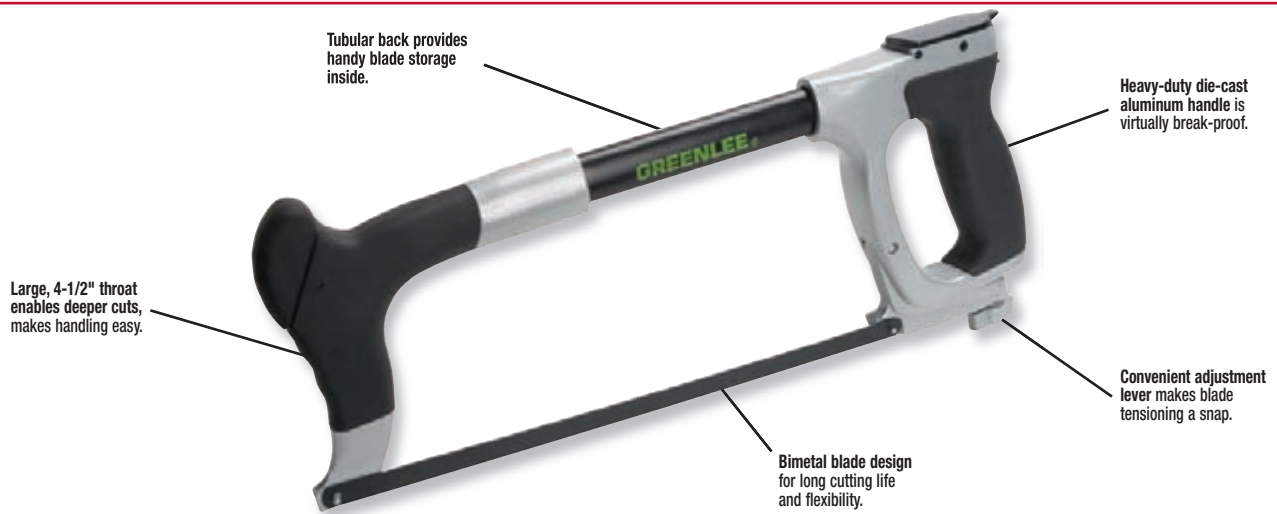
## Reciprocating Saw Blades

					CAT. NO.	UPC NO.		
<b>GREENLEE - BI-METAL</b>								
 <p><b>METAL</b></p>	For cutting thick metal 1/8" - 1/2"	10/14T	8 x 3/4 x .050	203 x 19 x 1.3	353-804	09977		5
	For cutting thick metal 3/32" - 3/8"	14T	4 x 3/4 .035	102 x 19 x .9	353-414	01031		5
		14T	6 x 3/4 x .035	152 x 19 x .9	353-614	09964		5
		14T	8 x 3/4 x .050	203 x 19 x 1.3	353-814	09975		5
	For cutting medium metal 1/16" - 3/16"	18T	6 x 3/4 x .035	152 x 19 x .9	353-618	09965		5
		18T	8 x 3/4 x .035	203 x 19 x .9	353-818	09976		5
		18T	8 x 3/4 x .050	203 x 19 x 1.3	353-818T	13004		5
	For cutting thin metal 1/8" and less.	24T	6 x 3/4 x .035	152 x 19 x .9	353-624	09966		5
	 <p><b>GENERAL PURPOSE</b></p>	General purpose blade for cutting metal, wood w/ nails, and PVC.	8/18T	6 x 3/4 x .035	152 x 19 x .9	353-123	09963	
10T			6 x 3/4 x .035	152 x 19 x .9	353-610	31366		5
10T			8 x 3/4 x .050	203 x 19 x 1.3	353-810	31337		5
10/14T			12 x 3/4 x .050	305 x 19 x 1.3	353-110	31338		5
10/14T			6 x 3/4 x .035	152 x 19 x .9	353-635	01020		5
10/14T			8 x 3/4 x .035	203 x 19 x .9	353-835	01022		5
 <p><b>DEMOLITION</b></p>	For cutting a wide variety of construction materials during demolition or remodeling.	5/8T	9 x 7/8 x .063	229 x 22 x 1.6	353-966	09979		2
		8/10T	9 x 7/8 x .063	229 x 22 x 1.6	353-969	09990		5
 <p><b>WOOD</b></p>	For cutting in clean wood and wood w/ nails.	5/8T	6 x 3/4 x .050	152 x 19 x 1.3	353-503	13005		5
		6T	6 x 3/4 x .050	152 x 19 x 1.3	353-646	09968		5
		6T	6 x 3/4 x .050	153 x 19 x 1.3	353-656	09967		5
		6T	9 x 3/4 x .050	229 x 19 x 1.3	353-956	09969		5
		6T	12 x 3/4 x .050	305 x 19 x 1.3	353-156	09970		5
<b>GREENLEE - SPECIALTY</b>								
 <p><b>DRYWALL</b></p>	For fast cutting in drywall and plaster.	6T	6 x 3/4 x .050	152 x 19 x 1.3	353-636	31336		5
 <p><b>CEMENT BOARD</b></p>	For fast cutting in cement board, fiber board, and plaster.	3T	9 x 3/4 x .050	229 x 19 x 1.3	353-9535RCT	00964		1
		6T	6 x 3/4 x .050	152 x 19 x 1.3	353-6563RCT	00963		1
 <p><b>CAST IRON &amp; BLOCK</b></p>	For cutting cast iron pipe, block & brick and other abrasives such as tile.	Diamond Grit	8 x 3/4 x .039	203 x 19 x 1	353-800RDG	01024		1
		Carbide Grit	9 x 3/4 x .039	229 x 19 x 1	353-900RG	01023		1
 <p><b>STAINLESS STEEL</b></p>	For cutting stainless steel 1/16" - 3/16"	18T	6 x 3/4 x .039	152 x 19 x 1	353-618RS	01047		1



# HAND SAWS

## 12" Hack Saw



CAT. NO.	UPC NO.	
333A	23635	12" (305 mm) Heavy-Duty Hack Saw

### SPECIFICATIONS

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

CAT. NO.	UPC NO.		
333-1218	10037	12" (305 mm) Bi-metal Blade, 18 Teeth Per Inch	5
333-1224	10038	12" (305 mm) Bi-metal Blade, 24 Teeth Per Inch	5
333-1232	10039	12" (305 mm) Bi-metal Blade, 32 Teeth Per Inch	5

## PVC Saws

322-013



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

CAT. NO.	UPC NO.		
322-013	00113	13" (330 mm)	PVC Saw
322-113	00115	13" (330 mm)	Blade for 00113
322-118	00116	18" (457 mm)	Blade for 00114

# BAND SAWS

## 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 lbs. (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.	
1399	31961	9-1/2" x 11: Capacity Mobile Band Saw (241.3 x 279.4 mm)
1399-22	32364	9-1/2" x 11" Capacity Mobile Band Saw (241.3 x 279.4 mm) 220 VAC
32322	32322	Wet Cutting System for 120VAC 1399
32237	32237	Vertical Work Table

## Band Saw Blades



- Perfect for your mobile or portable band saw, these top-quality, bi-metal blades feature high-speed steel teeth that can handle even tough metals like stainless steel with ease. Virtually unbreakable, too.
- Bi-metal blades feature high-speed tool steel, bonded to an extra-tough alloy back for maximum hardness and heat resistance.
- Fits most popular models of portable band saws.

### MOBILE BAND SAW BLADES

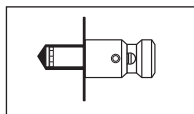
CAT. NO.	UPC NO.				
399-14A	32336	1/2" x .025" x 93" Mobile Band Saw Blade <sup>1</sup>	Bi-Metal	Metal	10/14
399-18A	32337	1/2" x .025" x 93" Mobile Band Saw Blade <sup>1</sup>	Bi-Metal	Metal	18
399-24A	32338	1/2" x .025" x 93" Mobile Band Saw Blade <sup>1</sup>	Bi-Metal	Metal	24
389-1014	10044	1/2" x .020" x 44-7/8" Portable Band Saw Blade <sup>2</sup>	Bi-Metal	Metal	10/14
389-1418	10045	1/2" x .020" x 44-7/8" Portable Band Saw Blade <sup>2</sup>	Bi-Metal	Metal	14/18
389-24	10043	1/2" x .020" x 44-7/8" Portable Band Saw Blade <sup>2</sup>	Bi-Metal	Metal	24

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

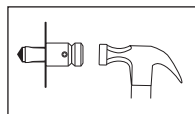
<sup>2</sup> Use with 530 (30276)

# ANCHORS AND FASTENERS

## Screw Anchor Expanders for Caulking Anchors



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.

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

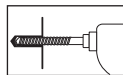
CAT. NO.	UPC NO.					
866	02667	#10 - 24	84299	1	.3	.1
868	02669	1/4" - 20	84299	1	.4	.2
870	02671	3/8" - 16	84305	1	.6	.3

CAT. NO.	UPC NO.	
4451AV	05191	Anchor Screw for 866
4457AV	05197	Anchor Screw for 868
4717AV	05300	Anchor Screw for 870
1125GB	50423	Roll Pin 1/4" x 1-1/8"

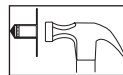
## Caulking Anchors



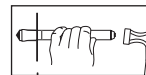
- Zinc alloy and lead caulking anchor can be set flush or subset. Greenlee setting tool required.
- Rustproof, use interior or exterior.
- For setting in hollow block. To set anchors all same depth, use Greenlee screw anchor expander.



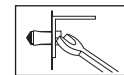
1. Drill hole in masonry.



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.

CAT. NO.	UPC NO.	THREAD	REQ. HOLE	SET	QTY.	WEIGHT	WORKING LOAD PULLOUT
84299	84299	1/4"-20	1/2" 7/8"	84329	100	3.8 1.7	125 56.6
84305	84305	3/8"-16	3/4" 1-1/4"	84335	50	7.1 3.2	312.5 141.6

\*One Setting Tool included with each box of anchors.

Approvals: Conforms to the description in Federal Specification FFS-325, Group 1, Type 1, Class 1.

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

# MASONRY BITS

## Quick Change Carbide Tipped Masonry Bits

**NEW**  
PRODUCT



MAS-SET-9

- One piece hardened carbon steel body and hex shank for a stronger, more concentric bit that will not disassemble when drilling in deep or tough materials.
- Carbide grade tip for faster penetration and longer bit life.
- Hammer drill rated for use in either standard or hammer drills.
- 1/4" quick-change hex for fast bit changes. Use in quick-change chucks, conventional adjustable drill chucks, and hex adapters for more versatility.
- Set includes diameters and lengths most commonly used by electricians.

### SPECIFICATIONS

	Dimensions	Weight
MAS-1/2	1.9" x 6.3" x .5"	0.2
MAS-1/4	1.9" x 6.3" x .25"	0.1
MAS-1/8	1.9" x 11.6" x .13"	0.1
MAS-3/16	1.9" x 6.3" x .2"	0.1
MAS-3/8	1.9" x 6.3" x .38"	0.2
MAS-5/16	1.9" x 6.3" x .32"	0.2
MAS-5/32	1.9" x 6.3" x .16"	0.1
MAS-SET	7.5" x 5.5" x .5"	0.3
MAS-SET-9	7.9" x 5.4" x 1"	0.8

CAT. NO.	UPC NO.	
MAS-1/2	04943	1/2" Masonry Drill Bit, (POP)
MAS-1/4	26322	1/4" Masonry Drill Bit (POP)
MAS-1/8	02162	1/8" Masonry Drill Bit (POP)
MAS-3/16	26315	3/16" Masonry Drill Bit (POP)
MAS-3/8	19202	3/8" Masonry Drill Bit (POP)
MAS-5/16	04942	5/16" Masonry Drill Bit (POP)
MAS-5/32	04941	5/32" Masonry Drill Bit (POP)
MAS-SET	26318	Masonry Drill Set (POP) Includes: (1) 1/4", (1) 3/16", (1) 3/8", (1) 5/32"
MAS-SET-9	02145	Hex Quick Change Masonry Bit Kit (POP) Includes: (1) 1/2", (2) 1/4", (2) 3/16", (1) 3/8", (1) 5/16", (2) 5/32"

## SDS-PLUS Carbide Tipped Masonry Bits

**NEW**  
PRODUCT



SDS-SET-5

- Hardened, premium carbide insert tip is strong and stays sharp longer for finer material break up and easier drilling.
- Shaft made from hardened alloy steel for heavy shock resistance and longer bit life.
- Carbide tip sized in inches versus mm for more accurate hole size.
- H-Style flute for faster drilling and material removal
- SDS Plus drive for more secure hold in rotary hammer drill.
- Kit includes diameters and lengths most commonly used by electricians.

### SPECIFICATIONS

	Dimensions	Weight
SDS-1/2	1.9" x 9.3" x .5"	0.3
SDS-1/4	1.9" x 9.3" x .25"	0.1
SDS-3/16	1.9" x 9.3" x .2"	0.1
SDS-3/4	1.9" x 11.6" x .8"	0.6
SDS-3/8	1.9" x 9.3" x .38"	0.3
SDS-5/8	1.9" x 9.3" x .63"	0.6
SDS-SET-5	7.3" x 9.9" x 1"	1.6

CAT. NO.	UPC NO.	
SDS-1/2	04947	1/2" SDS-Plus Masonry Bit 6" (POP)
SDS-1/4	04945	1/4" SDS-Plus Masonry Bit, 6" (POP)
SDS-3/16	04944	3/16" SDS-Plus Masonry Bit, 6" (POP)
SDS-3/4	02163	3/4" SDS-Plus Masonry Bit, 8- 1/4" (POP)
SDS-3/8	04946	3/8" SDS-Plus Masonry Bit, 6" (POP)
SDS-5/8	04948	5/8" SDS-Plus Masonry Bit, 6" (POP)
SDS-SET-5	02154	SDS-Plus Masonry Bit Kit (POP) Includes: (1) 3/16", (1) 1/4", (1) 3/8", (1) 1/2", (1) 5/8"

## 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 lbs. (1 kg)
462-1, 463-1	1 Gal. (3.8 l)	8.7 lbs. (4 kg)

CAT. NO.	UPC NO.	
462-Q	28237	Dark Cutting/Threading Oil - 1 Qt.
462-1	26096	Dark Cutting/Threading Oil - 1Gal
463-Q	28238	Light Cutting/Threading Oil - 1 Qt
463-1	28239	Light Cutting/Threading Oil - 1 Gal



# SELECTION GUIDES

## Holemaking Selection Guide

MATERIAL TYPE	MATERIAL THICKNESS	NUMBER OF HOLES	PRODUCTS	APPLICATION CONSIDERATIONS
Steel 	10GA	Highest	Slug-Splitter SC™ Punches	Maximum durability and universal material usage Maximum hole size 2-3/8 inches
			Speed Punch™ Punches	Maximum hole size 2-3/8 inches
	10GA	High	Slug-Buster® Punches	Maximum hole size 2-3/8 inches
	10GA	High	Standard Punches	Maximum hole size 6-3/8 inches
	10GA	Medium-High	Ultra Cutters	Maximum hole size 2-1/2 inches
	8GA	High	Carbide-Tipped Hole Cutters	Maximum hole size 2-1/2 inches
	10GA	Medium-High	Step Bits	Maximum hole size 1-3/8 inches
Stainless Steel 	10GA	Highest	Slug-Splitter SC™ Punches	Maximum durability and universal material usage
	10GA	Highest	Lrg. Dia. Punches for Stainless	Hole size 2-1/2 – 4 inches
	9GA	Medium-High	Quick Change Carbide-Tipped Cutter	Maximum hole size 3 inches, quick change cutting heads
	8GA	Medium-High	Carbide-Tipped Hole Cutters	Maximum hole size 2-1/2 inches
Wood 	18"	High	Nail Eater® RT	Cuts through nails, good chip removal, max hole size 1 inches
	18"	High	Nail Eater II® Bits	Cuts through nails, good chip removal, max hole size 1-1/4 inches
	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
	2 x 4	High	Step Bits	Maximum hole size 1-3/8 inches, low chip removal
	16"	Medium	Spade Bits	Maximum hole size 1-1/2 inches
	1-5/8" or 2 x 4	High	Hole Saws	Maximum hole size 6 inches
Aluminum 	10GA	Highest	Slug-Splitter SC™ Punches	Maximum durability and universal material usage Maximum hole size 2-3/8 inches
			Speed Punch™ Punches	Maximum hole size 2-3/8 inches
	10GA	High	Slug-Buster® Punches	Maximum hole size 2-3/8 inches
	10GA	High	Standard Punches	Maximum hole size 6-3/8 inches
	10GA	High	Ultra Cutters	Maximum hole size 2-1/2 inches
	10GA	High	Step Bits	Maximum hole size 1-3/8 inches
	10GA	Medium	Hole Saws	Maximum hole size 6 inches
Fiberglass/Plastic  	approx. 1/8"	Highest	Slug-Splitter SC™ Punches	Maximum durability and universal material usage Maximum hole size 2-3/8 inches
			Speed Punch™ Punches	Maximum hole size 2-3/8 inches
	approx. 1/8"	High	Slug-Buster® Punches	Maximum hole size 2-3/8 inches
	approx. 1/8"	High	Standard Punches	Maximum hole size 6-3/8 inches
		High	Ultra Cutters	Maximum hole size 2-1/2 inches
		Medium-High	Step Bits	Maximum hole size 1-3/8 inches
Drywall/Ceiling Tile 	7/8"	High	Recessed Light Hole Saws	Replaceable blades
	7/8"	Medium-Low	Quick Cutter	Adjustable or fixed, sprinkler heads or lighting
	7/8"	Medium	Keyhole Saw	Non-round holes
Quazite® Enclosures		High	Slug-Buster® Punches	
	approx. 1/8"	High	Carbide-Grit Hole Saws	
Cement Board/Hardy Board Siding		High	Carbide-Grit Hole Saws	
Existing Wall			D'versibits®	Remodeling, phone, cable, alarm installation
Non-Round Hole 		High	Non-Round Punches	Square, rectangular, electronic connector holes
		Medium	Reciprocating Blades	
Metric & Non-Conduit Sizes	16-10GA	High	Standard Punches	
Metal Studs	20GA		Stud Punches	

See Greenlee Full Line Catalog for complete product details.

## Knockout Punch Selection Guide



DRIVER TYPE	DRIVE METHOD	CAPACITY	SIZE RANGE AVAILABLE
Speed Punch™	Hydraulic or Battery	Mild steel up thru 10 gauge (3.5 mm)	1.115" through 2.416" dia. (28.3 mm through 61.4 mm)
Slug-Splitter™ & Slug-Splitter SC™	Ratchet, Hydraulic or Battery	Stainless steel or mild steel up thru 10 gauge (3.5 mm)	.598" through 2.526" dia. (15.2 mm through 64 mm)
Slug-Buster® & Slug-Buster SC®	Manual, Ratchet, Hydraulic or Battery	Mild steel up thru 10 gauge (3.5 mm)	.492" through 2.52" dia. (12.5 mm through 64.0 mm)
Standard Round	Manual, Ratchet, Hydraulic or Battery	Mild steel up thru 10 gauge (3.5 mm)	.500" through 6.375" dia. (12.7 through 161.9 mm)

## Knockout Punch Driver Selection Guide



DRIVER TYPE	DESCRIPTION	AVAILABLE DRIVER KITS
Battery-Powered Driver (18V Li-Ion Battery)	<ul style="list-style-type: none"> <li>Punch holes from any angle with the 360° rotating head.</li> <li>Punches up to 6" holes in 14 gauge mild steel and 2" holes in 14 gauge stainless steel.</li> <li>Slim, compact and lightweight design for reduced fatigue and easy control.</li> <li>Automatic retraction prevents damage to punch and die.</li> <li>One trigger controls all tool functions, no additional manual work required.</li> <li>LED light illuminates dark work areas.</li> </ul>	Driver with Speed Punch™ Punches
Battery-Powered or Corded Hydraulic Driver (18V Li-Ion Battery or 120VAC Adapter)	<ul style="list-style-type: none"> <li>Develops 6.7 tons of hydraulic force.</li> <li>Available with a choice of three battery chargers – 120V.</li> <li>Punches up through 10 gauge (3.5 mm) mild steel with Greenlee Speed Punch™, Slug-Buster® and standard knockout punches and 12 gauge (2.5 mm) stainless steel with Greenlee Slug-Splitter SC™ knockout punches.</li> </ul>	Driver Only and Driver with Slug-Buster® Punches
Hand Pump Hydraulic Driver with Ram	<ul style="list-style-type: none"> <li>Foot operation frees both hands to operate punch.</li> <li>Powerful hydraulic ram develops 11 tons of hydraulic force.</li> <li>Punches up through 10 gauge (3.5 mm) mild steel with Greenlee Speed Punch™, Slug-Buster® and standard knockout punches and 10 gauge (3.5 mm) stainless steel with Greenlee Slug-Splitter SC™ knockout punches.</li> </ul>	Driver with Slug-Buster® SC Punches
Foot Pump Hydraulic Driver with Ram	<ul style="list-style-type: none"> <li>Powerful hydraulic ram develops 11 tons of hydraulic force.</li> <li>Punches up through 10 gauge (3.5 mm) mild steel with Greenlee Speed Punch™, Slug-Buster® and standard knockout punches and 10 gauge (3.5 mm) stainless steel with Greenlee Slug-Splitter SC™ knockout punches.</li> </ul>	Driver Only and Driver with Slug-Buster® Punches
Quick Draw® Hydraulic Driver	<ul style="list-style-type: none"> <li>Quick Draw driver is perfect for fast, straight-on panel punching.</li> </ul>	Driver with Standard Punches
Quick Draw 90° Hydraulic Driver	<ul style="list-style-type: none"> <li>Quick Draw 90 right-angle design allows greater versatility in tight spaces.</li> </ul>	<ul style="list-style-type: none"> <li>Develops 8 tons of hydraulic force for easy punching.</li> <li>Punches up through 10 gauge (3.5 mm) mild steel with Greenlee Speed Punch™, Slug-Buster® and standard knockout punches and 10 gauge (3.5 mm) stainless steel with Greenlee Slug-Splitter SC™ knockout punches.</li> </ul>
Quick Draw® Flex Hydraulic Driver	<ul style="list-style-type: none"> <li>Quick Draw Flex allows unlimited driver orientation.</li> </ul>	Driver with Speed Punch™ Punches
High Leverage Ratchet Driver	<ul style="list-style-type: none"> <li>Time saving ball bearing head punches faster than wrench method.</li> <li>Punches up through 10 gauge (3.5 mm) mild steel with Greenlee Speed Punch™, Slug-Buster® and standard knockout punches and 16 gauge (1.5 mm) stainless steel with Greenlee Slug-Splitter SC™ knockout punches.</li> </ul>	Driver Only and Driver with Slug-Buster® Punches
Manual Ratchet Driver	<ul style="list-style-type: none"> <li>Unique punch profile splits slugs allowing easy slug removal.</li> <li>1" Hex Ratchet Wrench allows use with both 3/8" (19.1 mm) and 3/4" (9.5 mm) draw studs.</li> <li>Slug-Buster® Punches available in sizes up thru 2.52" (64.0 mm).</li> <li>Standard round punches available up to 5 5/8" (144.1 mm).</li> </ul>	Driver with Slug-Buster® Punches
		Driver with Slug-Buster® Metric Punches
		Driver with Standard Metric Punches

See Greenlee Full Line Catalog for complete product details.

# SPEED PUNCH™ KNOCKOUTS

## Speed Punch™ Knockout System

Knockouts

**NEW PRODUCT**



A PRODUCT VIDEO IS AVAILABLE, SCAN THIS QR CODE OR VISIT:  
[www.youtube.com/GreenleeDEMO](http://www.youtube.com/GreenleeDEMO)

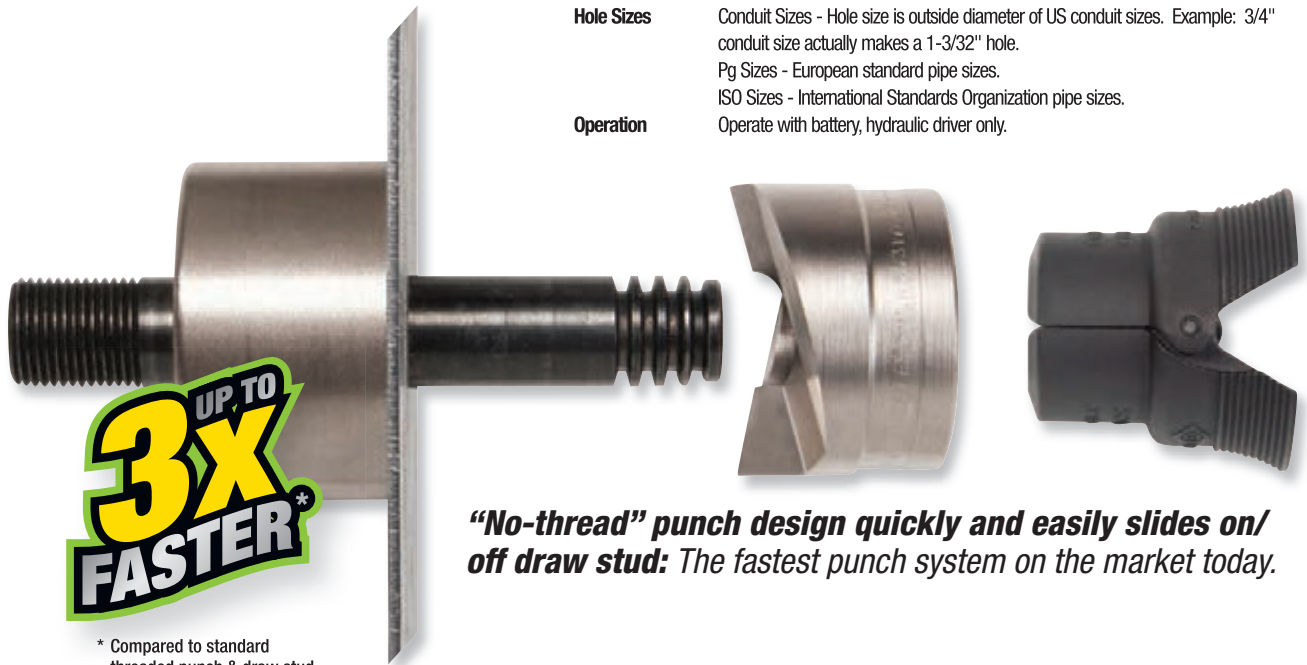
### SAVE TIME AND MONEY WITH EVERY PUNCH!

From the leaders in knockout technology comes the new SPEED PUNCH™ System. The patent pending “no-thread” design eliminates cross-threading, while the innovative SPEED LOCK mechanism quickly secures the punch in place. This means longer tool life and faster punches, saving you time and money on the job. SPEED PUNCH™ is available in 3/4” - 2” conduit sizes and three kit configurations.

- Punch up to 10 gauge mild steel, aluminum, fiberglass or plastic.
- Use with hydraulic and battery-powered drivers.
- Available in 3/4” - 2” conduit sizes and three kit configurations.

#### SPECIFICATIONS

<b>Capacity</b>	Mild steel up through 10 gauge (3.5 mm)
<b>Application</b>	Mild steel, fiberglass and plastic enclosures.
<b>Hole Sizes</b>	Conduit Sizes - Hole size is outside diameter of US conduit sizes. Example: 3/4" conduit size actually makes a 1-3/32" hole. Pg Sizes - European standard pipe sizes. ISO Sizes - International Standards Organization pipe sizes.
<b>Operation</b>	Operate with battery, hydraulic driver only.



**UP TO 3X FASTER\***

*“No-thread” punch design quickly and easily slides on/off draw stud: The fastest punch system on the market today.*

\* Compared to standard threaded punch & draw stud set-up and disassembly.

It's as simple as:



Slide die and punch onto draw stud: “No-thread” design eliminates cross-threading.



Secure SPEED LOCK onto draw stud: Faster setup and disassembly.



Punch hole: Save time and money with every punch!

# Speed Punch™ Knockout System



LS50L11SP



7906SBSP



7905SBSP

CAT. NO.	UPC NO.	DESCRIPTION	CONDUIT & PIPE SIZE	HOLE SIZE			CAPACITY MILD STEEL		LS50L11SP/01081	7906SBSP/09278	7905SBSP/01081
				ACTUAL			GA	MM			
				Ø INCH	Ø MM						
7212SP-3/4P	00952	Punch, 3/4" Conduit, Speed Punch	3/4"	-	1.115	28.3	10	3.5	✓	✓	✓
7212SP-1P	00953	Punch, 1" Conduit, Speed Punch	1"	-	1.362	34.6	10	3.5	✓	✓	✓
7212SP-1-1/4P	00955	Punch, 1-1/4" Conduit, Speed Punch	1-1/4"	1-11/16"	1.701	43.2	10	3.5	✓	✓	✓
7212SP-1-1/2P	09282	Punch, 1-1/2" Conduit, Speed Punch	1-1/2"	1-15/16"	1.951	49.6	10	3.5	✓	✓	✓
7212SP-2P	09283	Punch, 2" Conduit, Speed Punch	2"	2-3/8"	2.416	61.5	10	3.5	✓	✓	✓
7212SP-3/4D	09279	Die, 3/4" Conduit, Speed Punch	3/4"	-	1.115	28.3	10	3.5	✓	✓	✓
7212SP-1D	09280	Die, 1" Conduit, Speed Punch	1"	-	1.362	34.6	10	3.5	✓	✓	✓
7212SP-1-1/4D	09281	Die, 1-1/4" Conduit, Speed Punch	1-1/4"	1-11/16"	1.701	43.2	10	3.5	✓	✓	✓
7212SP-1-1/2D	00956	Die, 1-1/2" Conduit, Speed Punch	1-1/2"	1-15/16"	1.951	49.6	10	3.5	✓	✓	✓
7212SP-2D	00957	Die, 2" Conduit, Speed Punch	2"	2-3/8"	2.416	61.5	10	3.5	✓	✓	✓
SP-LOCK	09277	Speed Lock							✓	✓	✓
7212SP11	10002	Draw Stud, 3/4" X 4.77", Speed Punch							✓	✓	✓
7212SP12*	00979	Draw Stud, 3/4" X 5.63", Speed Punch									
34403	34403	Kwik-Stepper #3 Step Bit							✓	✓	✓
-	-	Plastic Case								✓	✓
33786	33786	Quick Draw 90 Punch Driver								✓	
52178	52178	120V Charger							✓		
52177	52177	18V 1.5 Ah Li-Ion Battery							✓		
LS50LB	01131	LS50 Punch Driver and Case Only (No Battery, Charger, or accessories)							✓		
KK50LFLEX	00185	LS50 Plastic Case Only							✓		

\*For use with 746 Hydraulic RAM

# ELECTRIC & BATTERY-POWERED KNOCKOUT KITS

Knockouts

## LS50L Battery-Powered Knockout Punch Driver

**NEW PRODUCT**  
**AVAILABLE AS BARE TOOL**



- Punch holes from any angle with the 360° rotating head.
- Punches up to 6" holes in 14 gauge mild steel and 2" holes in 14 gauge stainless steel.
- Slim, compact and lightweight design for reduced fatigue and easy control.
- Automatic retraction prevents damage to punch and die.
- One trigger controls all tool functions, no additional manual work required.
- Non-slip rubber grip for firm and comfortable hold.
- LED light illuminates dark work areas.

### SPECIFICATIONS

<b>Weight (driver with battery)</b>	5.05 lbs (2.29kg)
<b>Maximum Punch Force</b>	6 Tons (60kN)
<b>Charging Time</b>	22 min (RAL2/BL1380) or 15 min (RAL1/BL1815)
<b>Battery Voltage</b>	18V

CAT. NO.	UPC NO.	DESCRIPTION
LS50L11A	04951	Punching Tool Kit Includes: LS50L Battery Driver, (1) 18V Li-ion Battery, (1) 120V Battery Charger, (1) Spacer (1924AA), (1) 3/4-16 x 4 Drawstud (31872). (1) 3/8 x 4.8 Drawstud (209633)
LS50L11B	04956	Punching Tool Kit Includes: LS50L Battery Driver, (1) 18V Li-ion Battery, (1) 120V Battery Charger, (1) Spacer (1924AA), (1) 3/4-16 x 4 Drawstud (31872). (1) 3/8 x 4.8 Drawstud (209633), Slugbuster punches and dies for (1/2", 3/4", 1", 1-1/4", 1 1/2" and 2") conduit
<b>B</b> LS50LB	01131	LS50 punch driver and case only (no battery, charger, or accessories).



A PRODUCT VIDEO IS AVAILABLE. SCAN THIS QR CODE OR VISIT:  
[www.youtube.com/GreenleeDEMO](http://www.youtube.com/GreenleeDEMO)

## Battery-Powered Knockout Punch Driver Kits Parts List

	CAT NO.	UPC NO.	DESCRIPTION	HOLE SIZE				KIT CAT./UPC NO.	
				CONDUIT & PIPE SIZE	ACTUAL			LS50L11A LS60LA11 LS60LA120	LS50L11B LS60LB11 LS60LB120
					Ø INCH	Ø MM	Ø MM		
PUNCHES AND DIES	721-1/2	31756	1/2" Conduit Size Slug-Buster® Punch	1/2"	7/8	0.885	22.5		✓
	14722	14722	1/2" Conduit Size Die	1/2"	7/8	0.885	22.5		✓
	721-3/4	31757	3/4" Conduit Size Slug-Buster® Punch	3/4"	—	1.115	28.3		✓
	124AV	06972	3/4" Conduit Size Die	3/4"	—	1.115	28.3		✓
	721-1	31758	1" Conduit Size Slug-Buster® Punch	1"	—	1.362	34.6		✓
	126AV	04011	1" Conduit Size Die	1"	—	1.362	34.6		✓
	721-1-1/4	31759	1-1/4" Conduit Size Slug-Buster® Punch	1-1/4"	1-11/16	1.701	43.2		✓
	128AV	04013	1-1/4" Conduit Size Die	1-1/4"	1-11/16	1.701	43.2		✓
	721-1-1/2	31760	1-1/2" Conduit Size Slug-Buster® Punch	1-1/2"	1-15/16	1.951	49.6		✓
	440AV	04061	1-1/2" Conduit Size Die	1-1/2"	1-15/16	1.951	49.6		✓
DRAW STUDS AND MISC.	721-2	31761	2" Conduit Size Slug-Buster® Punch	2"	2-3/8	2.416	61.5		✓
	442AV	04063	2" Conduit Size Die	2"	2-3/8	2.416	61.5		✓
	1614SS	30043	Draw Stud - 3/8" x 2-13/16"					✓	✓
	31872	31872	Draw Stud - 3/4" x 4-1/8"					✓	✓
	1924AA	03248	Spacer Short					✓	✓
	33967	33967	Stud Adapter - 3/8"					✓	✓



# SLUG-SPLITTER SC™ KNOCKOUT KITS

## Slug-Splitter SC™ Ram and Hand Pump Hydraulic Driver Punch Kits

Designed for stainless steel applications



7506 Punch Kit



7307 Punch Kit  
(driver not included)



744 Punch Kit  
(driver not included)

**All Kits Feature:**

- Slug-Splitter SC™ (Self Centering) knockout punches with capacities up through 10 gauge (3.5 mm) stainless steel. Refer to individual punch capacity ratings.
- Self-centering punch aligns itself on pilot hole. (Slug-Splitter SC™)
- No need to draw crosshairs or line up die alignment marks. (Slug-Splitter SC™)

**7506 Kit Features**

- Fast, easy and simple to operate.
- Compact design makes this a perfect choice for use on construction sites and maintenance jobs.
- Will also drive 751 Cable Cutter head.
- Powerful 11-ton hydraulic ram.
- 3-foot hose.

**SPECIFICATIONS**

**Operation** 7307/29528 - Quick Draw®, Quick Draw 90° and Quick Draw® Flex Hydraulic Drivers, Battery-Powered Drivers, 7646 and 7625 Ram-Type Drivers.  
744/29619 - Quick Draw®, Quick Draw 90° and Quick Draw® Flex Hydraulic Drivers, Battery-Powered Drivers, 7646 and 7625 Ram-Type Drivers.  
7506/30385 - Hydraulic Ram and Hand Pump included.

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT	
			LBS.	KG.
744	29619	1/2" through 1-1/4" Conduit Size Slug-Splitter SC Knockout Punch Kit	5	2.3
7307	29528	1/2" through 2" Conduit Size Slug-Splitter SC™ Knockout Punch Kit	10.4	4.7
7506	30385	1/2" through 2" Conduit Size Slug-Splitter SC™ Knockout Punch Kit with Hydraulic Ram and Hand Pump	32	14.5

NOTE: See Slug-Splitter SC™ knockout punch units on pages 226-227 for list of individual punches, dies and draw studs.

**N** = NEW PRODUCT**R** = REPLACEMENT PART**A** = ACCESSORY**B** = BARE TOOL

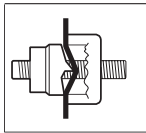
CAT. NO.	UPC NO.	DESCRIPTION	HOLE SIZE				CAPACITY		KIT CAT./UPC NO.		
			CONDUIT & PIPE SIZE	ACTUAL			STAINLESS STEEL		744/	7307/	7506/
				Ø INCH	Ø MM	GA	MM	29619	29528	30385	
28154	28154	1/2" Conduit Size Punch	1/2"	7/8	.885	22.5	10	3.5	✓	✓	✓
28155	28155	1/2" Conduit Size Die	1/2"	7/8	.885	22.5	10	3.5		✓	✓
28156	28156	3/4" Conduit Size Punch	3/4"	—	1.115	28.3	10	3.5	✓	✓	✓
28157	28157	3/4" Conduit Size Die	3/4"	—	1.115	28.3	10	3.5	✓	✓	✓
36490	36490	1-7/32" Punch Oiltight	—	1-7/32	1.210	30.5	10	3.5		✓	
36489	36489	1-7/32" Die Oiltight	—	1-7/32	1.210	30.5	10	3.5		✓	
28158	28158	1" Conduit Size Punch	1"	1-11/32	1.362	34.6	10	3.5	✓	✓	✓
28159	28159	1" Conduit Size Die	1"	1-11/32	1.362	34.6	10	3.5	✓	✓	✓
28160	28160	1-1/4" Conduit Size Punch	1-1/4"	1-11/16	1.701	43.2	10	3.5	✓	✓	✓
28161	28161	1-1/4" Conduit Size Die	1-1/4"	1-11/16	1.701	43.2	10	3.5	✓	✓	✓
28162	28162	1-1/2" Conduit Size Punch	1-1/2"	1-15/16	1.951	49.6	10	3.5		✓	✓
28163	28163	1-1/2" Conduit Size Die	1-1/2"	1-15/16	1.951	49.6	10	3.5		✓	✓
28165	28165	2" Conduit Size Punch	2"	2-3/8	2.416	61.5	10	3.5		✓	✓
28166	28166	2" Conduit Size Die	2"	2-3/8	2.416	61.5	10	3.5		✓	✓
29451	29451	7/16" x 4-1/4" Draw Stud							✓	✓	✓
29452	29452	3/4" x 5-1/2" Draw Stud							✓	✓	✓
29529	29529	Metal Case								✓	
19193	19193	Metal Case									
31068	31068	Metal Case									✓
746SS	30387	Ram (includes 1 each of the following 3 items)									
54167	54167	1/4" Female Coupler									✓
54168	54168	Dust Plug									
15908	15908	Spacer Group (includes 1 each of the following 3 items)									
1924AA	03248	Spacer-Short									
1925AA	03249	Spacer-Medium									✓
1926AA	06904	Spacer-Long									
767	13284	Hydraulic Hand Pump									✓
38316	38316	High Pressure Hose Unit—1/4" x 3' (includes 1 each of the following 3 items)									
54169	54169	1/4" Male Coupler									✓
54170	54170	Dust Cap									
06302	06302	High Pressure Hose—1/4" x 3'									✓

# KNOCKOUTS FOR STAINLESS STEEL

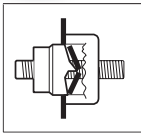
## Slug-Splitter SC™ and Slug-Splitter Knockout Punches



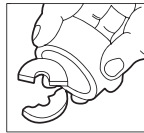
- Slug-Splitter SC™ heavy-duty punches are designed to punch up through 10 gauge (3.5 mm) stainless steel.
- Unique slug-splitting design and tool steel construction easily punch 10 gauge (3.5 mm) mild steel and stainless steel.
- Self-centering punch aligns itself on pilot hole. (Slug-Splitter SC™)
- No need to draw crosshairs or line up die alignment marks. (Slug-Splitter SC™)
- Unique punch profile also splits slugs for easier slug removal.
- Heavy-duty dies and stainless steel draw studs for longer life.
- Excellent abrasion resistance for punching fiberglass and plastic.
- Slug-Splitter SC™ punch units consist of: punch, die and draw stud. Check individual punch for specific capacity.
- Patent Pending for Self-centering Slug-Splitter SC™.



Unique Slug-Splitter SC™ punch design creates slug as the punch is drawn into the die.



Slug is split in half as punching operation is completed.



Split slugs fall free from the die and stud.

### SPECIFICATIONS

<b>Capacity</b>	Stainless steel up through 10 gauge (3.5 mm)
<b>Application</b>	10-gauge stainless steel, mild steel, fiberglass and plastic enclosures.
<b>Hole Sizes</b>	Conduit Sizes - Hole size is outside diameter of US conduit sizes. Example: 1/2" conduit size actually makes a 7/8" hole. Pg Sizes - European standard pipe sizes. ISO Sizes - International Standards Organization pipe sizes.
<b>Operation</b>	Operate with battery, hydraulic or high leverage ratchet driver only.

### SELF CENTERING – SLUG-SPLITTER SC™ KNOCKOUT PUNCHES 0.885" TO 2.416"

PUNCH CAT./UPC NO.	DIE CAT./UPC NO	CONDUIT & PIPE	HOLE SIZE				CAPACITY		DRAW STUDS			
			ACTUAL		PG	ISO	STAINLESS STEEL GA. (MM)	HYDRAULIC DRIVERS		RATCHET DRIVER		
			Ø (INCH)	Ø (MM)				7804/7904	7646/7625		1904	
28154	28155	1/2"	7/8	0.885	22.5	16	-	10	3.5	29451	29451	30227
28156	28157	3/4"	-	1.115	28.3	21	-	10	3.5	31872	29452	12099
36490	36489	-	1-7/32	1.210	30.5	-	-	10	3.5	31872	29452	12099
28158	28159	1"	1-11/32	1.352	34.6	-	-	10	3.5	31872	29452	12099
28160	28161	1-1/4"	1-11/16	1.701	43.2	-	-	10	3.5	31872	29452	12099
28162	28163	1-1/2"	1-15/16	1.951	49.6	-	-	10	3.5	-	29452	12099
28165	28166	2"	2-3/8	2.416	61.5	-	-	10	3.5	-	29452	12099

### STANDARD – SLUG-SPLITTER KNOCKOUT PUNCHES 0.598" TO 2.520"

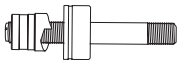
31117	31126	-	-	0.598	15.2	9	-	12	2.5	29451	29451	30227
04599	04598	-	-	0.638	16.2	-	16	12	2.5	29451	29451	30227
31119	31128	-	-	0.732	18.6	11	-	12	2.5	29451	29451	30227
31120	31129	-	-	0.803	20.4	13	20	12	2.5	29451	29451	30227
04602	04601	-	1	1.000	25.4	-	25	10	3.5	31872	29451	30227
04605	04603	-	-	1.280	32.5	-	32	10	3.5	31872	29452	12099
31122	31135	-	-	1.457	37.0	29	-	10	3.5	31872	29452	12099
04608	04607	-	-	1.595	40.5	-	40	10	3.5	31872	29452	12099
31123	31131	-	-	1.850	47.0	36	-	10	3.5	-	29452	12099
04611	04609	-	2	2.000	50.8	-	50	10	3.5	-	29452	12099
31124	31132	-	2 1/8	2.125	54.0	42	-	10	3.5	-	29452	12099
31125	31133	-	-	2.362	60.0	48	-	10	3.5	-	29452	12099
04614	04613	-	-	2.520	64.0	-	63	10	3.5	-	29452	12099

\* 16 ga. stainless steel capacity with ratchet driver.

## Slug-Splitter SC™ and Slug-Splitter Knockout Punches

**Knockouts**

### PUNCH UNITS



### SELF CENTERING – SLUG-SPLITTER SC™ KNOCKOUT PUNCHES 0.885" TO 2.416"

PUNCH UNIT - INCLUDES PUNCH, DIE & DRAW		HOLE SIZE			CAPACITY STAINLESS STEEL		WEIGHT		DRIVER				DRAW STUD
CATALOG NO.	UPC NO	CONDUIT & PIPE SIZE	IN	MM	GA	MM	LBS.	KG	1904	7804/7904	LS60*	7646/7625	
745R-1/2	30384	1/2"	7/8	22.5	16	1.5	.6	.27	x				30227
745H-1/2	29560	1/2"	7/8	22.5	10	3.5	.7	.32		x	x	x	29451
740H-1-7/32 Oil Tight	29563	-	1-7/32	30.5	10	3.5	1.2	.54		x	x	x	29452
745H-3/4	12318	3/4"	1-3/32	28.3	10	3.5	1.26	.57				x	29452
745H-1	12319	1"	1-11/32	34.6	10	3.5	1.51	.68				x	29452
745H-1-1/4	12320	1-1/4"	1-11/16	43.2	10	3.5	1.96	.89				x	29452
745H-1-1/2	12321	1-1/2"	1-15/16	49.6	10	3.5	2.49	1.13				x	29452
745H-2	12322	2"	2-3/8	61.5	10	3.5	3.69	1.67				x	29452

### STANDARD – SLUG-SPLITTER KNOCKOUT PUNCHES 0.598" TO 2.520"

745M-15.2	12323	-	0.598	15.2	12	2.5	.98	.44				x	29451
745M-16.2	12324	-	0.638	16.2	12	2.5	.97	.44				x	29451
745M-18.6	12325	-	0.732	18.6	12	2.5	.98	.45				x	29451
745M-20.4	12326	-	0.803	20.4	12	2.5	.96	.44				x	29451
745M-25.4	12317	-	1.000	25.4	10	3.5	1.05	.48				x	29451
745M-32.5	12327	-	1.280	32.5	10	3.5	1.53	.69				x	29452
745M-37	12328	-	1.457	37	10	3.5	1.68	.76				x	29452
745M-40.5	12329	-	1.595	40.5	10	3.5	1.83	.83				x	29452
745M-47	12330	-	1.850	47	10	3.5	2.3	1.04				x	29452
745M-50.8	12331	-	2.000	50.8	10	3.5	2.91	1.32				x	29452
745M-54	12332	-	2.125	54	10	3.5	2.90	1.31				x	29452
745M-60	12333	-	2.362	60	10	3.5	3.63	1.65				x	29452
745M-64	12334	-	2.520	64	10	3.5	3.87	1.75				x	29452

\* Battery-Powered or Corded Knockout Punch Driver

## Large Diameter Knockouts for Stainless Steel

**NEW PRODUCT**



- Use with 767 or 1725 Hydraulic Driver and 746 Ram.
- Makes clean & accurate holes.
- For conduit sizes 2-1/2", 3", 3-1/2" & 4".
- Rated for punching in up to 10 gauge stainless steel.
- Excellent abrasion resistance for punching fiberglass and plastic.
- Kit includes punches, dies, draw stud and sleeve.
- High-Impact, rugged plastic carrying case (kit only).

CAT NO.	UPC NO.	DESCRIPTION
7308	00617	Kit Includes: Punches and Dies for 2-1/2", 3" & 4" Conduit, Draw Stud (29452), Sleeve (1557SS) and Case
745H-2-1/2	00618	Punch Unit for 2-1/2" Conduit Includes: Punch, Die & Draw Stud (29452)
745H-3	00619	Punch Unit for 3" Conduit Includes: Punch, Die & Draw Stud (29452)
745H-3-1/2	00620	Punch Unit for 3-1/2" Conduit Includes: Punch, Die & Draw Stud (29452)
745H-4	00621	Punch Unit for 4" Conduit Includes: Punch, Die & Draw Stud (29452)
1557SS	00785	Hydraulic Punch Sleeve (SS)
00622	00622	2-1/2" Replacement Punch
00626	00626	2-1/2" Replacement Die
00623	00623	3" Replacement Punch
00627	00627	3" Replacement Die
00624	00624	3-1/2" Replacement Punch
00629	00629	3-1/2" Replacement Die
00625	00625	4" Replacement Punch
00630	00630	4" Replacement Die

# SLUG-BUSTER® HYDRAULIC KNOCKOUT KITS

## Slug-Buster® Ram and Hand Pump Kits (Inch and Metric)



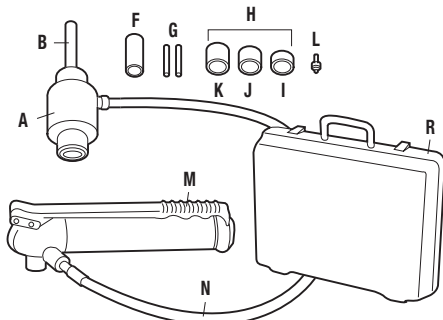
- Fast, easy and simple to operate.
- Compact design for field use on construction sites and maintenance jobs.
- Punches 10 times faster than wrench method.
- Will also drive 751 Cable Cutter head.
- Can be used with most standard round Slug-Buster® and Slug-Splitter SC™ punches (not 1/2", 9/16", 5/8").
- Can be used with non-round punches (adapter may be required).
- 3-foot hose
- Powerful 11-ton hydraulic ram.

CAT NO.	UPC NO.	DESCRIPTION	WEIGHT	
			LBS.	KG.
7646	15906	Driver with Hand Pump, Draw Studs, Spacer and Plastic Case	20	9.1
7306SB	34360	Driver, Hand Pump, Slug-Buster® Punches, Dies and Draw Studs for 1/2" through 2" Conduit, Adapter, Spacers, Kwik Stepper® Step Bit and Plastic Case	24	10.9
7310SB	34361	Driver, Hand Pump, Slug-Buster® Punches, Dies and Draw Studs for 1/2" through 2" and 2-1/2" through 4" Standard Conduit Size Punches, Dies and Draw Studs, Adapter, Spacers, Kwik Stepper® Step Bit and Plastic Case	54	24.5
7646Pg-SB	32799	Metric – Driver, Slug-Buster® Pg Punches, Dies and Draw Studs for 15.2 mm through 60.0 mm, Adapter, Spacers, Kwik Stepper® Step Bit and Plastic Case	24	10.9
38520	38520	Driver, Hand Pump, Slug-Buster® Punches and Draw Studs for 1/2" through 3" and 4" Conduit, Adapter, Spacers, Kwik Stepper® Step Bit and Plastic Case	48	21.8

### STEEL CAPACITIES FOR CONDUIT SIZES

REQUIRED DRAW STUD AND ACCESSORIES	STANDARD PUNCHES AND SLUG-BUSTER®									
	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"
3/4" Stud (2113B), 3/8" Stud (20963) & Spacers										
3/4" Stud (2113B), Long Spacer										
3/4" Stud (2113B), Short Spacer										
3/4" Stud (2113B)										
3/4" Stud (2113B), & Sleeve (03170)										

10 GA. MILD STEEL



### RAM AND HAND PUMP HYDRAULIC DRIVER PARTS IDENTIFICATION

KEY	CAT. NO.	UPC NO.	DESCRIPTION	
R	A	746	17091	Ram (includes Item B)
R	B	2113B	10109	Draw Stud-3/4" x 5 3/8"
R	F	1557AA	03170	Punch Sleeve
R	G	20963	20963	Draw Stud-3/8" x 4.8"
R	H	15908		Spacer Group (includes Items I, J and K)
R	I	1924AA	03248	Spacer-Short
R	J	1925AA	03249	Spacer-Medium
R	K	1926AA	06904	Spacer-Long
R	L	34410		Kwik Stepper® Step Bit 1/2"
R	M	767	13284	Hydraulic Hand Pump
R	N	06302	06302	High Pressure Hose-1/4" x 3'
R	R	52060458		Plastic Case



# Slug-Buster® Ram and Hand Pump Kits Parts List

**Knockouts**

CAT NO.	UPC NO.	DESCRIPTION	HOLE SIZE				KIT CAT./UPC NO.				
			CONDUIT & PIPE SIZE	ACTUAL			7646/15906	7306SB/34360	7310SB/34361	7646PGSB/32799	38520
				Ø INCH		Ø MM					
721-1/2	31756	1/2" Conduit Size Slug-Buster® Punch	1/2"	7/8	0.885	22.5	1	1	1	1	
14722	14722	1/2" Conduit Size Die	1/2"	7/8	0.885	22.5	1	1	1	1	
721-3/4	31757	3/4" Conduit Size Slug-Buster® Punch	3/4"	—	1.115	28.3	1	1		1	
124AV	06972	3/4" Conduit Size Die	3/4"	—	1.115	28.3	1	1		1	
721-1	31758	1" Conduit Size Slug-Buster® Punch	1"	—	1.362	34.6	1	1		1	
126AV	04011	1" Conduit Size Die	1"	—	1.362	34.6	1	1		1	
721-1-1/4	31759	1-1/4" Conduit Size Slug-Buster® Punch	1-1/4"	1-11/16	1.701	43.2	1	1		1	
128AV	04013	1-1/4" Conduit Size Die	1-1/4"	1-11/16	1.701	43.2	1	1		1	
721-1-1/2	31760	1-1/2" Conduit Size Slug-Buster® Punch	1-1/2"	1-15/16	1.951	49.6	1	1		1	
440AV	04061	1-1/2" Conduit Size Die	1-1/2"	1-15/16	1.951	49.6	1	1		1	
721-2	31761	2" Conduit Size Slug-Buster® Punch	2"	2-3/8	2.416	61.5	1	1		1	
442AV	04063	2" Conduit Size Die	2"	2-3/8	2.416	61.5	1	1		1	
1429AV	04175	2-1/2" Conduit Size Punch	2-1/2"	2-7/8	2.914	74.0		1		1	
1430AV	04177	2-1/2" Conduit Size Die	2-1/2"	2-7/8	2.914	74.0		1		1	
1431AV	04180	3" Conduit Size Punch	3"	3-1/2	3.539	89.9		1		1	
1432AV	04183	3" Conduit Size Die	3"	3-1/2	3.539	89.9		1		1	
2982AV	04653	3-1/2" Conduit Size Punch	3-1/2"	4	4.044	102.7		1			
2981AV	04652	3-1/2" Conduit Size Die	3-1/2"	4	4.044	102.7		1			
2984AV	04655	4" Conduit Size Punch	4"	4-1/2	4.544	115.4		1		1	
2983AV	04654	4" Conduit Size Die	4"	4-1/2	4.544	115.4		1		1	
31969	31969	Pg-9 Slug-Buster® Punch	—	—	0.598	15.2				1	
32002	32002	Pg-9 Die	—	—	0.598	15.2				1	
31970	31970	Pg-11 Slug-Buster® Punch	—	—	0.732	18.6				1	
32003	32003	Pg-11 Die	—	—	0.732	18.6				1	
31971	31971	Pg-13 Slug-Buster® Punch	—	—	0.803	20.4				1	
32004	32004	Pg-13 Die	—	—	0.803	20.4				1	
31973	31973	Pg-21 Slug-Buster® Punch	3/4"	—	1.115	28.3				1	
32006	32006	Pg-21 Die	3/4"	—	1.115	28.3				1	
36284	36284	Slug-Buster® Punch	—	1-7/32	1.210	30.5				1	
36279	36279	Die	—	1-7/32	1.210	30.5				1	
31975	31975	Pg-29 Slug-Buster® Punch	—	—	1.457	37.0				1	
32008	32008	Pg-29 Die	—	—	1.457	37.0				1	
31976	31976	Pg-36 Slug-Buster® Punch	—	—	1.850	47.0				1	
32009	32009	Pg-36 Die	—	—	1.850	47.0				1	
31978	31978	Pg-48 Slug-Buster® Punch	—	—	2.362	60.0				1	
32011	32011	Pg-48 Die	—	—	2.362	60.0				1	
746	17091	Ram (includes following item)					1	1	1	1	
2113B	10109	Draw Stud-3/4" x 5 3/8"					1	1	1	1	
1557AA	03170	Punch Sleeve					1	1	1	1	
20963	20963	Draw stud-3/8" x 4.8"					1	1	1	1	
15908	15908	Spacer Group (includes 1 ea. of following 3 items)					1	1	1	1	
1924AA	03248	Spacer-Short					1	1	1	1	
1925AA	03249	Spacer-Medium					1	1	1	1	
1926AA	06904	Spacer-Long					1	1	1	1	
34410	34410	Kwik Stepper® Step Bit 1/2"					1	1	1	1	
767	13284	Hydraulic Hand Pump					1	1	1	1	
06302	06302	High Pressure Hose – 1/4" x 3'					1	1	1		
30206	30206	Plastic Case					1	1		1	
18402	18402	Steel case							1	1	
25094	25094	Tray						1			

PUNCHES AND DIES

DRAW STUDS AND MISC.

## Slug-Buster® Ram and Foot Pump Hydraulic Driver Kits



- Foot operation frees both hands to position punch.
- Punches 10 times faster than wrench method.
- Will also drive 751 Cable Cutter head.
- Powerful 11-ton hydraulic ram.
- Can be used with most standard round, Slug-Buster® and Slug-Splitter SC™ punch sizes. (Not 1/2", 9/16" 5/8")
- Can be used with non-round punches (adapter may be required).

CAT NO.	UPC NO.	DESCRIPTION	WEIGHT	
			LBS.	KG.
7625	25097	Driver, Foot Pump, Steel Case	37	17
7606SB	07173	Driver, Foot Pump, Slug-Buster® Punches, Dies and Draw Studs for 1/2" through 2" Conduit, Steel Case	42	19
7610SB	07174	Driver, Foot Pump, Slug-Buster® Punches, Dies & Draw Studs for 1/2" through 2" Conduit, Slug-Buster® Punches and 2 1/2" through 4" Conduit Standard Round Punches	60	27

### STEEL CAPACITIES FOR CONDUIT SIZES

REQUIRED DRAW STUD AND ACCESSORIES	STANDARD PUNCHES AND SLUG-BUSTER®						STANDARD				SLUG-SPLITTER SC™					
	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
3/4" Stud (2113B), 3/8" Stud (20963) & Spacers	10 GA. MILD STEEL															
3/4" Stud (2113B), Long Spacer		10 GA. MILD STEEL	10 GA. MILD STEEL	10 GA. MILD STEEL												
3/4" Stud (2113B), Short Spacer					10 GA. MILD STEEL											
3/4" Stud (2113B)						10 GA. MILD STEEL										
3/4" Stud (2113B), & Sleeve (03170)								10 GA. MILD STEEL								
7/16" Stud (29451)											10 GA. STAINLESS STEEL					
3/4" Stud (29452)													10 GA. STAINLESS STEEL	10 GA. STAINLESS STEEL	10 GA. STAINLESS STEEL	10 GA. STAINLESS STEEL

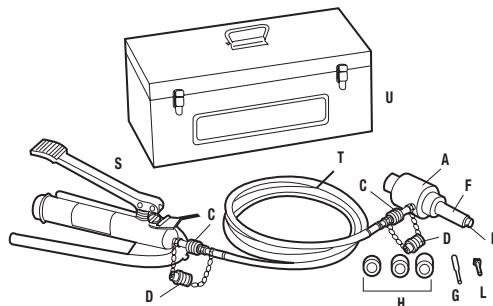
10 GA. MILD STEEL

10 GA. STAINLESS STEEL

# Ram and Foot Pump Kits Parts List

CAT NO.	UPC NO.	DESCRIPTION	HOLE SIZE				KIT CAT./UPC NO.			
			CONDUIT & PIPE SIZE	ACTUAL			7625/ 25097	7606SB/ 07173	7610SB/ 07174	
				Ø INCH	Ø MM					
PUNCHES AND DIES	721-1/2	31756	1/2" Conduit Size Slug-Buster® Punch	1/2"	7/8	0.885	22.5	1	1	
	14722	14722	1/2" Conduit Size Die	1/2"	7/8	0.885	22.5	1	1	
	721-3/4	31757	3/4" Conduit Size Slug-Buster® Punch	3/4"	—	1.115	28.3	1	1	
	124AV	06972	3/4" Conduit Size Die	3/4"	—	1.115	28.3	1	1	
	721-1	31758	1" Conduit Size Slug-Buster® Punch	1"	—	1.362	34.6	1	1	
	126AV	04011	1" Conduit Size Die	1"	—	1.362	34.6	1	1	
	721-1-1/4	31759	1-1/4" Conduit Size Slug-Buster® Punch	1-1/4"	1-11/16	1.701	43.2	1	1	
	128AV	04013	1-1/4" Conduit Size Die	1-1/4"	1-11/16	1.701	43.2	1	1	
	721-1-1/2	31760	1-1/2" Conduit Size Slug-Buster® Punch	1-1/2"	1-15/16	1.951	49.6	1	1	
	440AV	04061	1-1/2" Conduit Size Die	1-1/2"	1-15/16	1.951	49.6	1	1	
	721-2	31761	2" Conduit Size Slug-Buster® Punch	2"	2-3/8	2.416	61.5	1	1	
	442AV	04063	2" Conduit Size Die	2"	2-3/8	2.416	61.5	1	1	
	1429AV	04175	2-1/2" Conduit Size Punch	2-1/2"	2-7/8	2.914	74.0		1	
	1430AV	04177	2-1/2" Conduit Size Die	2-1/2"	2-7/8	2.914	74.0		1	
	1431AV	04180	3" Conduit Size Punch	3"	3-1/2	3.539	89.9		1	
	1432AV	04183	3" Conduit Size Die	3"	3-1/2	3.539	89.9		1	
	2982AV	04653	3-1/2" Conduit Size Punch	3-1/2"	4	4.044	102.7		1	
	2981AV	04652	3-1/2" Conduit Size Die	3-1/2"	4	4.044	102.7		1	
	2984AV	04655	4" Conduit Size Punch	4"	4-1/2	4.544	115.4		1	
	2983AV	04654	4" Conduit Size Die	4"	4-1/2	4.544	115.4		1	
DRAW STUDS AND MISC.	746	17091	(A) Ram (includes 1 ea. of items B, C, and D)					1	1	1
	2113B	10109	(B) Draw Stud—3/4" x 5 3/8"					1	1	1
	54167	54167	(C) Female Coupler—1/4"					1	1	1
	54168	54168	(D) Dust Plug					1	1	1
	1557AA	03170	(F) Punch Sleeve					1	1	1
	20963	20963	(G) Draw stud—3/8" x 4.8"					1	1	1
	15908	15908	(H) Spacer Group (includes 1 ea. of items I, J, and K)					1	1	1
	1924AA	03248	(I) Spacer-Short					1	1	1
	1925AA	03249	(J) Spacer-Medium					1	1	1
	1926AA	06904	(K) Spacer-Long					1	1	1
	34410	34410	(L) Kwik Stepper® Step Bit 1/2"					1	1	1
	1725	31353	(S) Hydraulic Foot Pump (includes 1 ea. – 54167 female coupler and 54168 dust plug)					1	1	1
	37729	37729	(T) High Pressure Hose Unit – 1/4" x 10'; filled with hydraulic oil; (includes the following 2 items)					1	1	1
	54169	54169	Couplers					2	2	2
	54170	54170	Dust Caps					2	2	2
23955	23955	(U) Steel case					1	1	1	
25094	25094	Tray					1	1	1	

**RAM AND FOOT PUMP HYDRAULIC DRIVER PARTS IDENTIFICATION**  
(Match letters above to drawing.)



# Quick Draw® Hydraulic Punch Driver and Kits

7706SB  
Flex Driver Kit



7806SB  
Quick Draw® Kit



7906SB  
Quick Draw 90° Kit



- The Quick Draw®, Quick Draw 90®, and Quick Draw® Flex feature:
- Compact, lightweight design for portability and fast, easy one-person operation.
  - Develops 8 tons of hydraulic force for easy punching, even in 10-gauge stainless steel, depending on individual punch capacities.
  - Quick Draw® is perfect for fast, straight-on front panel punching.
  - Quick Draw 90®'s right angle driver head rotates over 180 degrees for maximum flexibility in tight working areas.
  - Quick Draw® Flex allows unlimited driver orientation to simplify access to work area.
  - Can be used with non-round punches within the capacity of the tool (adapter may be required).
  - U.S. Patent #6,772,521.

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT	
			LBS.	KG.
7704SB	10475	Quick Draw® Flex Driver, 2 Draw Studs, 1 Adapter, 1 Spacer and Case	12.1	5.5
7706SB	10476	Standard – Quick Draw® Flex Driver, 1/2" through 2" Slug-Buster® Conduit Size Punches and Dies, 2 Draw Studs, 1 Adapter, 1 Spacer and Case	17.3	7.9
7804SB	34292	Quick Draw® Driver, 2 Draw Studs, 1 Adapter, 1 Spacer and Case	10	4.5
7806SB	34293	Standard – Quick Draw® Driver, 1/2" through 2" Slug-Buster® Conduit Size Punches and Dies 2 Draw Studs, 1 Adapter, 1 Spacer and Case	14	6.4
7804E	34291	Metric – Quick Draw® Driver, 2 Draw Studs, 1 Adapter, 1 Spacer and Case	9.4	4.3
7804ESB	35611	Metric – Quick Draw® Driver, Slug-Buster® Pg Punches and Dies 15.2 mm through 30.5 mm, 2 Draw Studs, 1 Adapter, 1 Spacer and Case	10.3	4.7
7804ISO	35614	Metric – Quick Draw® Driver, Slug-Buster® ISO Punches and Dies 16.2 mm through 40.5 mm, 2 Draw Studs, 1 Adapter, 1 Spacer and Case	11.4	5.2
7904SB	33794	Quick Draw 90° Driver, 2 Draw Studs, 1 Adapter, 1 Spacer and Case	10	4.5
7906SB	34300	Quick Draw 90° Driver, 1/2" through 2" Slug-Buster® Conduit Size Punches and Dies, Draw Studs, 1 Adapter, 1 Spacer and Case	14	6.4
7904E	34299	Metric – Quick Draw 90° Driver, 2 Draw Studs, 1 Adapter, 1 Spacer and Case	11	5.0
7904ESB	35615	Metric – Quick Draw 90° Driver, Slug-Buster® Pg Punches and Dies 15.2 mm through 30.5 mm, 2 Draw Studs, 1 Adapter, 1 Spacer and Case	11	5.0
7904ISO	35616	Metric – Quick Draw 90° Driver, Slug-Buster® ISO Punches and Dies 16.2 mm through 40.5 mm, 2 Draw Studs, 1 Adapter, 1 Spacer and Case	12.2	5.5
R 34983	34983	Plastic Case		

## STEEL CAPACITIES FOR CONDUIT SIZES

REQUIRED DRAW STUD AND ACCESSORIES	STANDARD PUNCHES AND SLUG-BUSTER®						SLUG-SPLITTER SC™				
	1/2"	3/4"	1-7/32" OILTIGHT	1"	1-1/4"	1-1/2"	2"	1/2"	3/4"	1-7/32" OILTIGHT	1-1/4"
3/8" Draw Stud	10 GA. MILD STEEL										
Spacer & 7/16" Draw Stud								10 GA. STAINLESS STEEL			
Spacer & 3/4" Draw Stud		10 GA. MILD STEEL	10 GA. MILD STEEL	10 GA. MILD STEEL	10 GA. MILD STEEL	10 GA. MILD STEEL			10 GA. STAINLESS STEEL	10 GA. STAINLESS STEEL	10 GA. STAINLESS STEEL
3/4" Draw Stud						10 GA. MILD STEEL	10 GA. MILD STEEL				

10 GA. MILD STEEL     
 10 GA. STAINLESS STEEL

# Parts List for Quick Draw®, Quick Draw 90® and Quick Draw® Flex Kits

**Knockouts**

CAT NO.	UPC NO.	DESCRIPTION	HOLE SIZE				KIT CAT./UPC NO.											
			CONDUIT & PIPE SIZE	ACTUAL			7704SB/10475	7706SB/10476	7804E/34291	7804ESB/35611	7804ISO/35614	7804SB/34292	7806SB/34293	7904E/34299	7904ESB/35615	7904ISO/35616	7904SB/33794	7906SB/34300
				Ø INCH	Ø MM													
721-1/2	31756	1/2" Conduit Size Slug-Buster® Punch	1/2"	7/8	0.885	22.5	✓		✓		✓		✓				✓	
14722	14722	1/2" Conduit Size Die	1/2"	7/8	0.885	22.5	✓		✓		✓		✓				✓	
721-3/4	31757	3/4" Conduit Size Slug-Buster® Punch	3/4"	—	1.115	28.3	✓				✓						✓	
124AV	06972	3/4" Conduit Size Die	3/4"	—	1.115	28.3	✓				✓						✓	
721-1	31758	1" Conduit Size Slug-Buster® Punch	1"	—	1.362	34.6	✓				✓						✓	
126AV	04011	1" Conduit Size Die	1"	—	1.362	34.6	✓				✓						✓	
721-1-1/4	31759	1-1/4" Conduit Size Slug-Buster® Punch	1-1/4"	1-11/16	1.701	43.2	✓				✓						✓	
128AV	04013	1-1/4" Conduit Size Die	1-1/4"	1-11/16	1.701	43.2	✓				✓						✓	
721-1-1/2	31760	1-1/2" Conduit Size Slug-Buster® Punch	1-1/2"	1-15/16	1.951	49.6	✓				✓						✓	
440AV	04061	1-1/2" Conduit Size Die	1-1/2"	1-15/16	1.951	49.6	✓				✓						✓	
721-2	31761	2" Conduit Size Slug-Buster® Punch	2"	2-3/8	2.416	61.5	✓				✓						✓	
442AV	04063	2" Conduit Size Die	2"	2-3/8	2.416	61.5	✓				✓						✓	
31696	31696	Pg-9 Slug-Buster® Punch	—	—	0.598	74.0			✓				✓					
32002	32002	Pg-9 Die	—	—	0.598	74.0			✓				✓					
31970	31970	Pg-11 Slug-Buster® Punch	—	—	0.732	89.9			✓				✓					
32003	32003	Pg-11 Die	—	—	0.732	89.9			✓				✓					
31971	31971	Pg-13 Slug-Buster® Punch	—	—	0.803	102.7			✓	✓			✓	✓				
32004	32004	Pg-13 Die	—	—	0.803	102.7			✓	✓			✓	✓				
31973	31973	Pg-21 Slug-Buster® Punch	3/4"	—	1.115	115.4			✓				✓					
32006	32006	Pg-21 Die	3/4"	—	1.115	115.4			✓				✓					
36284	36284	30.5 mm Slug-Buster® Punch	—	1-7/32	1.210	30.5			✓				✓					
36279	36279	30.5 mm Die	—	1-7/32	1.210	30.5			✓				✓					
35163	35163	ISO-16 Slug-Buster® Punch	—	—	0.638	16.2				✓								
35162	35162	ISO-16 Die	—	—	0.638	16.2				✓					✓			
35165	35165	ISO-25 Slug-Buster® Punch	—	1	1.000	25.4				✓								
35164	35164	ISO-25 Die	—	1	1.000	25.4				✓					✓			
35169	35169	ISO-32 Slug-Buster® Punch	—	—	1.280	32.5				✓								
35168	35168	ISO-32 Die	—	—	1.280	32.5				✓					✓			
35158	35158	ISO-40 Slug-Buster® Punch	—	—	1.595	40.5				✓								
35159	35159	ISO-40 Die	—	—	1.595	40.5				✓					✓			
34288	34288	Quick Draw® Hydraulic Punch Driver							✓	✓	✓	✓	✓					
33786	33786	Quick Draw 90® Hydraulic Punch Driver											✓	✓	✓	✓	✓	
10383	10383	Quick Draw® Flex Driver					✓	✓										
1614SS	30043	Draw Stud - 3/8" x 2-13/16"					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
31872	31872	Draw Stud - 3/4" x 4-1/8"					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
1924AA	03248	Spacer - Short					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
33967	33967	Stud Adapter - 3/8"					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
35202	35202	Plastic Case						✓	✓	✓		✓	✓	✓				
34983	34983	Plastic Case								✓	✓				✓	✓		
10391	10391	Plastic Case					✓	✓										

**OPTIONAL ACCESSORIES FOR 7806SB, 7804E, 7804ESB, 7804ISO, 7906SB, 7904E, 7904ESB AND 7904ISO KITS (NOT INCLUDED IN KITS)**

CAT. NO.	UPC NO.	DESCRIPTION
29451	29451	7/16" (11.1 mm) Stainless Steel Draw Stud



# STUD PUNCHES

## ESP710L Stud Punch

**NEW PRODUCT**



- This tool punches 1-11/32" (34.1 mm) diameter holes in 16 and 18 gauge structural studs.
- Has the ability to punch holes in under 5 seconds
- The ESP710L can take both time and hard work out of the stud punching process.
- 4" Throat Depth from center of punch.

CAT. NO.	UPC NO.	DESCRIPTION
ESP710L11	52165	Punch, Stud Bat 120V Charger





### BATTERY-POWERED STUD PUNCH

CAT. NO.	UPC NO.	ACTUAL HOLE SIZE		WEIGHT		LENGTH		HEIGHT		CAPACITY		BATTERY	CHARGER
		IN.	MM	LBS.	KG	IN.	MM	IN.	MM	GA	MM		
ESP710L11	52165	1-11/32	34.1	9.2	4.2	15	381	11-3/4	298	16	1.5	3.0Ah 18V, Li-Ion	120 Volt

## Metal Stud Punches



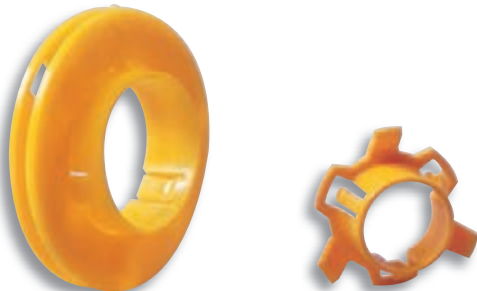
- Punch up through 20 gauge (0.9 mm) steel studs in one stroke.
- Aluminum head provides strength with minimum weight, reducing operator fatigue.
- Contoured handle design gives better operator leverage and makes it possible to punch in tight places.
- Self-stripping design eliminates punch hang-ups.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

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT	
			LBS.	KG.
709	22280	7/8" (22.2 mm) Diameter Stud Punch	7	3.2
710	21285	1-11/32" (34.1 mm) Diameter Stud Punch	7.5	3.5
30968	30968	Conversion Kit – Upgrades Early Model 709 or 710 from 24 to 20 Gauge Maximum Capacity		
 121AV	04006	Punch for 709		
 22286	22286	Die for 709		
 24823	24823	Punch for 710		
 21297	21297	Die for 710		
06015	06015	Pin Kit		
36617	36617	Link		
05932	05932	Link and Pin Kit (709/710)		
21557	21557	Compression Spring		

### SPECIFICATIONS

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

## Bushings for Metal Stud Punches



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

CAT. NO.	UPC NO.	DESCRIPTION	WEIGHT	
			LBS.	KG.
711C	22288	100 Bushings for Hole Punched by 709 for 7/8" (22.2 mm) Diameter Hole	.5	.23
711M	22289	1,000 Bushings for Hole Punched by 709 for 7/8" (22.2 mm) Diameter Hole	3.7	1.7
712A100	05927	100 Bushings for Pre-Punched Hole or 1-11/32" (34.1 mm) Diameter Hole Punched by 710	1.4	.64
712A1000	05928	1,000 Bushings for Pre-Punched Hole or 1-11/32" (34.1 mm) Diameter Hole Punched by 710	15.5	7.0

# C-FRAME PUNCHES

## 1731 & 1732 Portable C-Frame Punch Drivers



CAT. NO.	UPC NO.	DESCRIPTION	HOLE SIZE			KIT CAT./UPC NO.			
			IN	MM	PG	1731/ 15911	1731H767/ 20486	1731F1725/ 25169	1732/ 27361
		C-Frame with Ram				✓	✓	✓	✓
13266	13266	Punch Adapter - 3/8" Ø x 1/2" (9.5 mm)							✓
13267	13267	Punch Adapter - 3/4" Ø x 1" (19.0 mm)							✓
13276	13276	Punch Adapter - 3/8" Ø x 1/2" (9.5 mm)				✓	✓	✓	
13277	13277	Punch Adapter - 3/4" Ø x 1" (19.0 mm)				✓	✓	✓	
13268	13268	Punch Adapter - 1-1/8" Ø (28.6 mm)							✓
121AV	04006	1/2" Conduit Size Punch	1/2	16	22.5	✓	✓	✓	
123AV	04008	3/4" Conduit Size Die	3/4	21	28.3	✓	✓	✓	
125AV	04010	1" Conduit Size Punch	1	—	34.6	✓	✓	✓	
12087	12087	C-Frame 1/2" Conduit Size Die	1/2	16	22.5	✓	✓	✓	
12086	12086	C-Frame 3/4" Conduit Size Die	3/4	21	28.3	✓	✓	✓	
12085	12085	C-Frame 1" Conduit Size Die	1	—	34.6	✓	✓	✓	
1725	1725	1725 Hydraulic Foot Pump						✓	
16634	16634	Steel Case				✓	✓	✓	
38316	38316	High Pressure Hose Unit - 1/4" x 3' (includes 1 each of the following 3 items)							
54169	54169	1/4' Male Coupler							
54170	54170	Dust Cap							
06302	06302	High Pressure Hose 1/4" x 3'							
11797	11797	Die Adapter - 3/8" Ø (9.5 mm)							✓
11790	11790	Die Adapter - 3/4" Ø (19.0 mm)							✓
11789	11789	Die Adapter - 1-1/8" Ø (28.6 mm)							✓
767	767	Hydraulic Hand Pump					✓		
755	755	Hydraulic Hand Pump							
37729	37729	Hydraulic Hose - 1/4" x 10' (3 m)						✓	
11289	11289	Hydraulic Hose - 3/8" x 6' (9.5 mm x 1.8)							
27335	27335	Metal Case							✓
50642	50642	Nut - 3/4" - 10 (19.0 mm)							✓
12079	12079	Frame							
15631	15631	Ram							
37614	37614	Quick Disconnect							
11903	11903	C-Frame							
13814	13814	Packing Kit							

- Fast, one-shot punching, no predrilling of pilot holes.
- Throat measures 8" (203 mm) deep.

### 1731

- 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" (22.5 mm – 34.6 mm) conduit size and accessory sizes only.

### 1732

- Use with 1/2" through 4" conduit size and other round sizes only.
- Use with Greenlee standard round punches and dies (optional).

### SPECIFICATIONS

**Capacity** 1731: Up through 10 gauge (3.0 mm) mild steel with Greenlee special C-Frame dies and standard punches; 1/2" through 1" conduit and 15.2 mm through 30.5 mm  
 1732: Up through 10 gauge (3.0 mm) mild steel with Greenlee Standard punches and dies; 1/2" through 4" conduit and 15.2 mm through 115.4 mm.

CAT NO.	UPC NO.	DESCRIPTION	WEIGHT	
			LBS.	KG.
1731	15911	Driver with Ram, 1/2" Through 1" Conduit (22.5 mm through 34.6 mm) Punches and Dies	32	15
1732	27361	Driver with Ram, 3/8", 3/4" and 1-1/8" Punch and Die Adapters	59	27
1731H767	20486	Same as 1731 with 767 Hydraulic Hand Pump	36	17
1731F1725	25169	Same as 1731 with 1725 Hydraulic Foot Pump	43	20
21316	21316	Pg-9 (15.2 mm) Punch (optional)		
18557	18557	Pg-9 (15.2 mm) Die (optional)		
17700	17700	Pg-11 (18.6 mm) Punch (optional)		
18558	18558	Pg-11 (18.6 mm) Die (optional)		
17697	17697	Pg-13 (20.4 mm) Punch (optional)		
18559	18559	Pg-13 (20.4 mm) Die (optional)		
36282	36282	1-7/32" (30.5 mm) Oil Tight Punch (optional)		
37103	37103	1-7/32" (30.5 mm) Oil Tight Die (optional)		

# STORAGE Chests



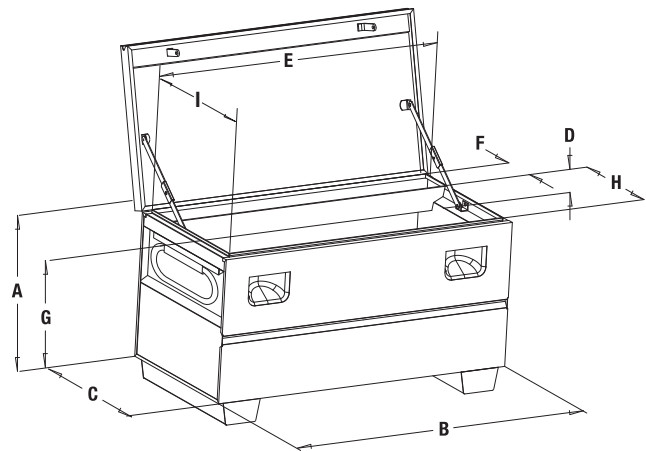
2460



Optional casters available for increased mobility. See page 242 for options

- Recessed and concealed lock protectors for maximum security against drilling and cutting lock. (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.
- Recommend #1 and #5 Masterlock® 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 lbs. (35 kg)	101 lbs. (46 kg)	124 lbs. (56 kg)	159 lbs. (72 kg)	184 lbs. (83 kg)	200 lbs. (91 kg)	214 lbs. (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"	60"	24"	4"	57.5"	4"	19"	15.5"	21.75"
2460X	25"	60"	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"

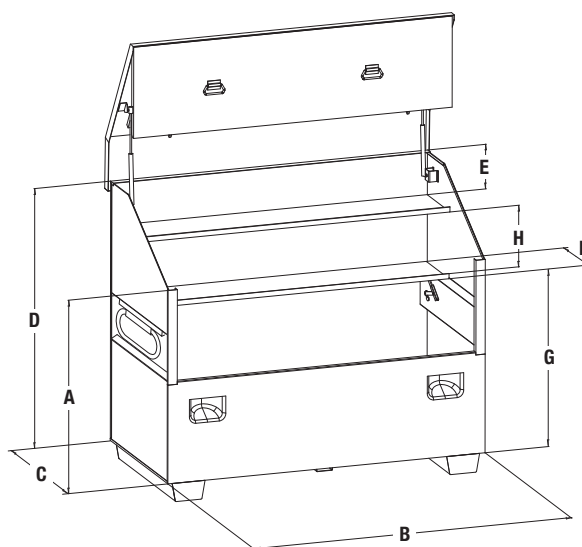
CAT. NO.	UPC NO.	DESCRIPTION
1332	38717	Storage chest without tray
1636	38718	Storage chest without tray
2142	31651	Storage chest without tray
2448	23273	Storage chest
2448X	00852	Storage Chest without tray
2460	23363	Storage chest
2460X	00858	Storage Chest without tray
3048	23362	Storage chest
3048X	00859	Storage Chest without tray
2472	07483	Storage chest
2472X	00853	Storage Chest without tray

## Slant-Top Boxes



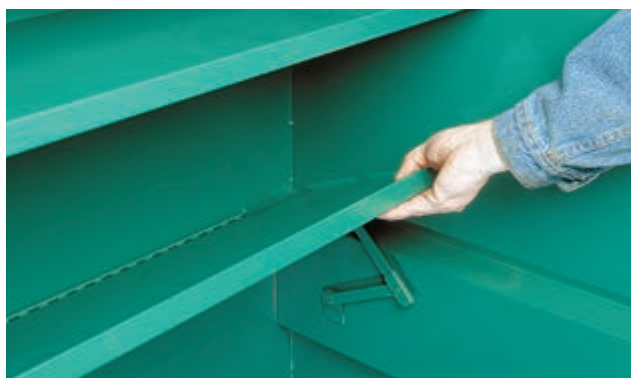
- Large capacity storage with traditional slant-top design.
- Recessed and concealed lock protectors provide maximum security against drilling and cutting locks.
- Channel reinforcements on lid, lock side panels into lid for added security when closed.
- Hinged lower shelf enables storage of larger items.
- 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.
- Recommend #1 and #5 Masterlock® padlocks or equivalent.

SPECIFICATIONS	2260	3648	3660
Capacity FT <sup>3</sup>	32	34	44
Weight	273 lbs. (124 kg)	270 lbs. (123 kg)	314 lbs. (142 kg)



### DIMENSIONS

	A	B	C	D	E	F	G	H
<b>2260</b>	32"	22"	32"	36"	12"	12"	21"	—
<b>3648</b>	34"	36"	30"	48"	5"	12"	27"	11"
<b>3660</b>	44"	36"	30"	48"	5"	12"	27"	11"



Hinged Lower Shelf



Optional casters available for increased mobility.  
See page 242 for options

CAT. NO.	UPC NO.	DESCRIPTION
2260	23270	Slant-top box
3648	23276	Slant-top box
3660	23196	Slant-top box



## Flat-Top Boxes



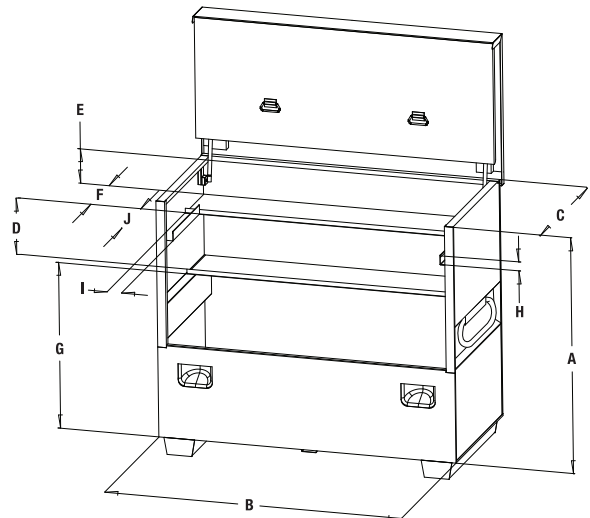
Hinged Lower Shelf



Optional casters available for increased mobility.  
See page 242 for options

- Flat-top design provides more storage capacity for tall, bulky items, plus a large work surface for jobsite plans.
- Recessed and concealed lock 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.
- Recommend #1 and #5 Masterlock® padlocks or equivalent.

SPECIFICATIONS	3360	4848	4860	4872
Capacity FT <sup>3</sup>	34.5	40	50	60
Weight	256 lbs. (116 kg)	283 lbs. (128 kg)	358 lbs. (162 kg)	373 lbs. (169 kg)



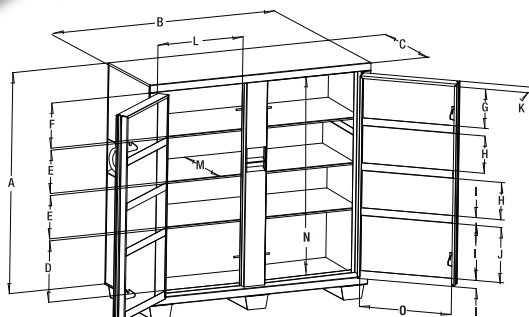
### DIMENSIONS

	A	B	C	D	E	F	G	H	I	J
<b>3360</b>	33"	60"	30"	—	12.5"	12"	20"	—	—	—
<b>4848</b>	48"	48"	30"	11"	7"	12"	27"	2"	3"	17"
<b>4860</b>	48"	60"	30"	11"	7"	12"	27"	2"	3"	17"
<b>4872</b>	48"	72"	30"	11"	7"	12"	27"	2"	3"	17"

CAT. NO.	UPC NO.	DESCRIPTION
3360	38719	Flat-Top box
4848	35043	Flat-Top box
4860	35057	Flat-Top box
4872	07487	Flat-Top box



## Utility Cabinets



### DIMENSIONS

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
5660L	56"	60"	24"	15"	10.5"	11.5"	10"	10"	2"	14"	3"	23.5"	20.5"	50.5"	24"
5660LH	56"	60"	24"	15"	10.5"	11.5"	10"	10"	2"	14"	3"	23.5"	20.5"	50.5"	24"
5760TD	56"	60"	30"	15"	10.5"	11.5"	10"	10"	2"	14"	3"	23.5"	26.5"	50.5"	24"

- Recessed and concealed lock 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.
- Recommend #1 and #5 Masterlock® padlocks or equivalent.

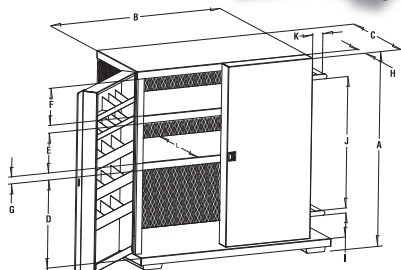
SPECIFICATIONS	5660L	5660LH	5760TD
Capacity FT <sup>3</sup>	46	46	59.3
Weight	389 lbs. (176 kg)	375 lbs. (170 kg)	441 lbs. (200 kg)

CAT. NO.	UPC NO.	DESCRIPTION
5660L	38659	Utility cabinet
5660LH	07486	Utility cabinet
5760TD	07969	Utility cabinet



Optional casters available for increased mobility. See page 242 for options

## Mesh Cabinet



- High-visibility mesh screen on three (3) sides.
- Forty-eight (48) smaller, individual compartments, enabling storage of smaller tools and accessories.
- 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).
- Recommend #1 and #5 Masterlock® padlocks or equivalent.

### SPECIFICATIONS

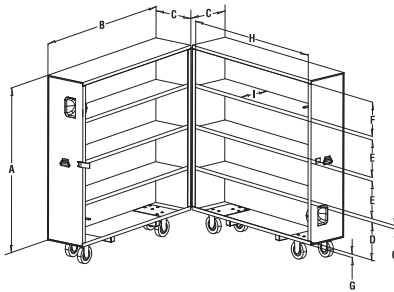
Capacity FT <sup>3</sup>	37.3
Weight	401 lbs. (182 kg)

CAT. NO.	UPC NO.	DESCRIPTION
5060MESH	04460	Mesh cabinet

### 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"

## Bi-Fold Cabinet



- Maximum storage capacity with minimum floor space requirements.
- Four (4) individual 15" d. x 14-1/2" h. x 60" 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).
- Recommend #1 and #5 Masterlock® padlocks or equivalent.

### SPECIFICATIONS

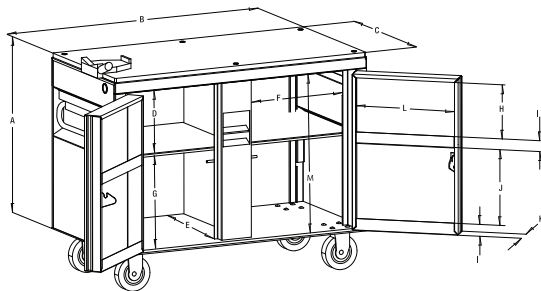
Capacity FT <sup>3</sup>	60.4
Weight	549 lbs. (249 kg)

### DIMENSIONS

A	B	C	D	E	F	G	H	I
58"	60"	15"	13"	13"	12"	1"	57"	14.5"

CAT. NO.	UPC NO.	DESCRIPTION
5860	35068	Bi-fold cabinet
04339	04339	Latch Repair Kit (5860)
54997	54997	Latch (5860)
54998	54998	Strike (5860)
55124	55124	Latch Threaded Rod (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 handles.
- Recommend #1 and #5 Masterlock® padlocks or equivalent.
- Includes heavy-duty chain vise (3548 only)

### SPECIFICATIONS

Capacity FT <sup>3</sup>	20
Weight	293 lbs. (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	31229	Mobile workbench
3548x	????	Mobile workbench - no vise

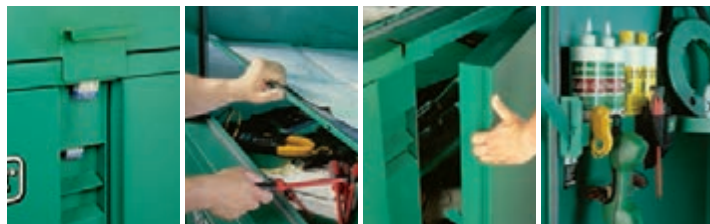
## Field Office



- 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.
- 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 Masterlock padlocks or equivalent.
- Welded 16-gauge steel construction for durability.
- Transportable with forklift.
- Optional casters available for increased mobility.

### SPECIFICATIONS

Capacity FT <sup>3</sup>	60.4
Weight	549 lbs. (249 kg)



Tamper-proof lock protectors (for upper and lower doors).

Slanted work surface with lockable, concealed storage area.

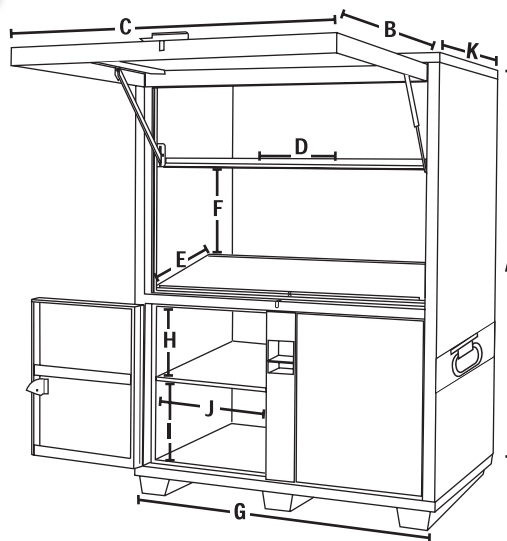
Door grooves provide a gripping surface for convenient opening.

Top door opens with a gas spring and is supported by a locking arm.

(Tools sold separately)



Optional casters available for increased mobility. See page 242 for options

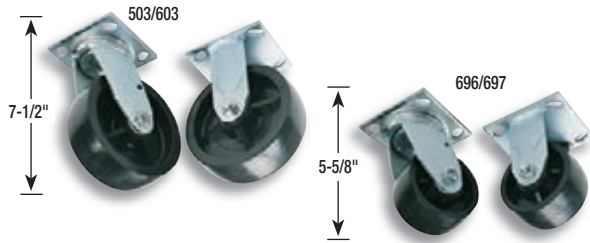


### DIMENSIONS

A	B	C	D	E	F	G	H	I	J	K
80"	41.6"	55.6"	20.6"	26.8"	19.2"	60"	14"	15.5"	24"	42"

CAT. NO.	UPC NO.	DESCRIPTION
8060-DLX	04719	Field Office

## Replacement Parts



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)	2 in. (51 mm)	2 in. (51 mm)	2 in. (51 mm)	2 in. (51 mm)
<b>Capacity</b>	2000 lbs. (907 kg)	2000 lbs. (907 kg)	2000 lbs. (907 kg)	1600 lbs. (726 kg)	1600 lbs. (726 kg)
<b>Ship Weight</b>	22 lbs. (10 kg)	20 lbs. (9 kg)	20 lbs. (9 kg)	13 lbs. (6 kg)	15 lbs. (7 kg)

\*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.  
 Note: Screw/washer kit p/n 50062913 is necessary for mounting 703 casters on boxes other than 3548.

CAT. NO.	UPC NO.	DESCRIPTION
503*	28044	4 Swivel
603*	23405	2 Rigid, 2 Swivel
703†	08420	2 Rigid, 2 Locking Swivel
696*	15341	2 Rigid, 2 Swivel
697*	89189	4 Swivel
52025978	20965	Lid Support – (L) Side
52025979	20966	Lid Support – (R) Side
08428	08428	10 mm Gas Spring Ball Stud Replacement Kit (all Slant/Flat-Tops)
53950	53950	Gas Springs for 2260
53951	53951	Gas Springs for 3360 only
08427	08427	13 mm Gas Spring Ball Stud Replacement Kit (8060 DLX)
55294	55294	Replacement Gas Spring Kit – Shock and (2) Clips (8060 DLX)
01886	01886	Replacement Gas Spring Kit for 4872, 4848, 4860, 3648 & 3660

- Caster bolt pattern 2-7/8" x 3-1/4".
- Polyolefin-injected molded hard casters: stain-resistant, chemical-resistant, and non-marking.

### CASTER SELECTION CHART

STORAGE BOX CAT. NO.	CASTER CAT NO.			
	503	603	703	696
1332	✓	✓	✓	✓
1636	✓	✓	✓	✓
2142	✓	✓	✓	✓
2448	✓	✓	✓	✓
2460	✓	✓	✓	✓
3048	✓	✓	✓	✓
2472	✓	✓	✓	✓
1230				
1531				
5060MESH	✓	✓	✓	Included
3360	✓	✓	✓	✓
4848	✓	✓	✓	✓
4860	✓	✓	✓	✓
4872	✓	✓	✓	✓
2260	✓	✓	✓	✓
3648	✓	✓	✓	✓
3660	✓	✓	✓	✓
5660L	✓	✓	✓	✓
5660LH	✓	✓	✓	✓
5760TD	✓	✓	✓	✓
5860	Included	Included	✓	
3548	✓	✓	Included	
8060DLX	✓	✓	✓	✓

## Greenlee Green Spray Touch-up Paint



- Closely matches Greenlee painted products.

### SPECIFICATIONS

**Weight** 1.2 lbs. (.5 kg)

CAT. NO.	UPC NO.	DESCRIPTION
22618	22618	13 oz. (384 ml) Aerosol Can of Greenlee Green Spray Paint
10378	10378	13 oz. (384 ml) Aerosol Can of Greenlee Flat Green Spray Paint*

NOTE: The color green is a registered trademark for Test Instruments, Job Boxes, Benders and Pulling Equipment.  
 \*For Storage Boxes

# WIRE AND CABLE HANDLING

## Conduit and Pipe Storage Rack



- Easily stacks for storage and transportation of multiple units
- High strength steel frame holds up to 1000 lbs of material
- Heavy-Duty 6" casters (2 rigid, 2 swivel)
- Foldable material trees
- Stacking block securely fits in tree stock to prevent tumbling

### SPECIFICATIONS

<b>Capacity</b>	1000 lbs. (454 kg)
<b>Dimensions</b>	58-1/2" (1486 mm) long × 34" (864 mm) wide × 63-1/2" (1613 mm) high
<b>Folded Down</b>	58-1/2" (1486 mm) long × 34" (864 mm) wide × 19" (483 mm) high
<b>Weight</b>	113 lbs. (51 kg)

CAT. NO.	UPC NO.	DESCRIPTION
668	15343	Mobile Conduit and Pipe Rack with 603 casters
<b>A</b> 503	28044	6" (152 mm) Diameter Caster Set, 4 Swivel
<b>R</b> 603	23405	6" (152 mm) Diameter Caster Set, 2 Swivel and 2 Rigid

## Screw-Type Reel Stands



683

- 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

<b>Size</b>	683 - 24" × 21" (610 × 533 mm) base; 54" (1372 mm) maximum height 687 - 15" × 15" (381 × 381 mm) base; 28" (711 mm) maximum height
<b>Capacity</b>	683 - 2,500 lbs. (1134 kg) each, 46" - 96" (1168 × 2438 mm) reel diameter 687 - 2,500 lbs. (1134 kg) each, 28" - 56" (711 × 1422 mm) reel diameter
<b>Weight</b>	683 - 42 lbs. (19 kg) 687 - 22 lbs. (10 kg)

CAT. NO.	UPC NO.	DESCRIPTION
683	15372	Reel Stand 22" - 54" (559 - 1372 mm)
687	17076	Reel Stand 13" - 27" (330 - 711 mm)
<b>A</b> 684	15375	Spindle for 683 Reel Stand
<b>A</b> 647	15321	Spindle for 687 Reel Stand
<b>R</b> 25591	25591	Stop Pin (683 - 2; 687 - 1)



## 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" × 23" (622 mm × 584 mm) base; 46-5/8" (1184 mm) maximum height
<b>Capacity</b>	3,750 lbs. (2268 kg) each 58" - 90" (1473 mm - 2286 mm) reel diameter
<b>Weight</b>	87 lbs. (39 kg)

CAT. NO.	UPC NO.	DESCRIPTION
656	21979	Ratchet Reel Stand 28" - 46-5/8" (711 mm - 1184 mm)
<b>A</b> 657	21980	Spindle for 656 Reel Stand
<b>R</b> 30291	30291	Handle with Grip

## Reel Stand Spindles



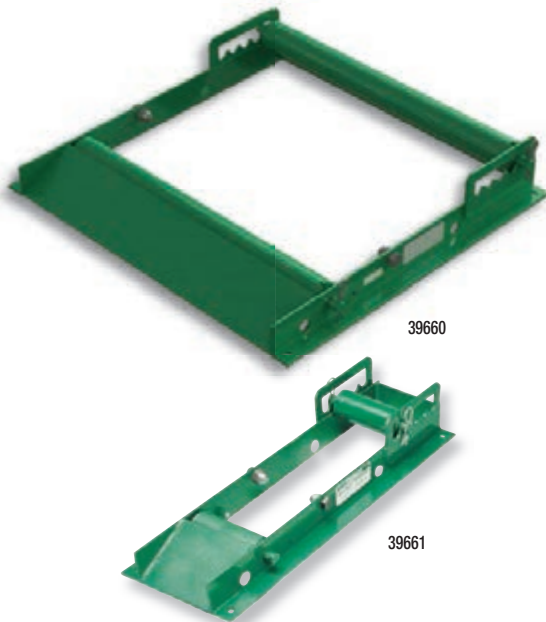
- Steel spindles with grooves to fit reel stand rollers.

### SPECIFICATIONS

<b>Size</b>	647 - 2-3/8" diameter x 62" (60 x 1575 mm) 657 - 3-1/2" diameter x 100" (89 x 2540 mm) 684 - 2-3/8" diameter x 76" (60 x 1930 mm)
<b>Capacity</b>	647 - 5,000 lbs. (2268 kg) 59" (1500 mm) between grooves 657 - 7,500 lbs. (2388 kg) 94" (2540 mm) between grooves 684 - 5,000 lbs. (2268 kg) 73" (1854 mm) between grooves
<b>Weight</b>	647 - 42 lbs. (19 kg) 657 - 124 lbs. (56 kg) 684 - 50 lbs. (23 kg)

CAT. NO.	UPC NO.	DESCRIPTION
647	15321	Spindle for 687 Reel Stand
657	21980	Spindle for 656 Reel Stand (only)
684	15375	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.

### SPECIFICATIONS

<b>Size</b>	39660 - 32" (813 mm) L × 34" (864 mm) W, 87 lbs. (39 kg) 39661 - 32" (813 mm) L × 11" (279 mm) W, 45 lbs. (20 kg) 39664 - 48" (1067 mm) L, 9 lbs. (4 kg) 39666 - 32" (813 mm) L × 48" (1219 mm) W, 99 lbs. (45 kg)
<b>Capacity</b>	39660 - 2,500 lbs. (1134 kg) 30" (762 mm) max reel width 39661 - 2,000 lbs. (902 kg) per pair, 42" (1067 mm) max reel width 39666 - 2,000 lbs. (902 kg) 42" (1067 mm) max reel width

CAT. NO.	UPC NO.	DESCRIPTION
39660	39660	Reel Roller, single platform roller
39661	39661	Reel Roller, single (two required)
39664	39664	Spreader Kit, two 48" spreader bars
39666	39666	Reel Roller Kit, (includes two 39661 rollers and one 39664 spreader kit)

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# LIFETIME WARRANTY



Greenlee Textron Inc. warrants to the original purchaser of these goods for use, that these products will be free from defects in workmanship and material for their useful life, excepting normal wear and abuse. This warranty is subject to the same terms and conditions contained in Greenlee Textron Inc.'s standard one-year limited warranty.

\*See below for information regarding product returns.

Greenlee Textron Inc. extends the following warranty to the original purchaser of these goods for use, subject to the qualifications indicated. Greenlee Textron Inc. warrants to the original purchaser for use that the products sold by it will be free from defects in workmanship and material for a period of one year (three years for Gator® battery-powered and corded tools, not including batteries) from the date of purchase, provided such goods are installed, operated, maintained, and used in accordance with Greenlee Textron Inc.'s written instructions.

Ordinary wear and tear, and damage from abuse, neglect or alterations are not covered by this warranty. This warranty is null and void if instructions and operating procedures are not followed.

**Greenlee Textron Inc.'s sole liability and Purchaser's sole remedy for a failure of goods under this limited warranty, and for any and all claims arising out of the purchase and use of the goods, shall be limited to the repair or replacement of the goods that do not conform to this warranty, and shall be in lieu of any other liability or remedy, including, without limitation, any causes of action in negligence and strict liability.**

To obtain repair or replacement service under this limited warranty, the purchaser must return the product to a Greenlee Authorized Service Center, transportation prepaid. Do not send any warranty/repair product directly to Greenlee, as it will be returned to the sender. Only Test Instruments will be warranted, repaired, replaced, or calibrated at Greenlee with prior authorization.

Tools found defective will be replaced or repaired at no charge and returned. There are no express warranties covering these goods other than as set forth above. The implied warranties of merchantability and fitness for a particular purpose are specifically excluded. Greenlee Textron Inc. assumes no liability in connection with the installation or use of this product, except as stated in this limited warranty. **Greenlee Textron Inc. will in no event be liable for incidental or consequential damages.**

This limited warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow either limitations on implied warranties, or exclusions from incidental or consequential damages, so the above limitation and exclusion may not apply to you.

Any questions pertaining to this limited warranty should be addressed to:  
Greenlee / A Textron Company  
4411 Boeing Drive, Rockford, IL 61109-2988 USA

Greenlee Textron Inc. has elected not to make available the informal dispute settlement mechanism which is specified in the Magnuson-Moss Warranty Act.

*Note: Rental units and demonstrators used for income producing purposes are warranted for 90 days. Rental units and demonstrators which are resold are not covered under warranty by Greenlee Textron Inc. Any warranty, whether expressed or implied, rests solely with the seller.*

**Lifetime Limited Warranty on Greenlee Electrical Test Instruments, Hand Benders, select Hand Tools and Paladin® branded items.**

Greenlee Textron Inc. warrants to the original purchaser of these goods for use that these products will be free from defects in workmanship and material for their useful life, excepting normal wear and abuse. This warranty is subject to the same terms and conditions contained in Greenlee Textron Inc.'s standard one year limited warranty.

#### **Greenlee Electrical Test Instrument Repair and Calibration**

For all Greenlee Electrical Test Instrument repairs, contact Customer Service at 1-800-435-0786 and request a Return Authorization. An approved Authorization including shipping label and instructions will be sent.

For items not covered under warranty (such as items dropped, abused, etc.), a repair cost quote is available upon request.

*Note: Prior to returning any test instrument, please check replaceable batteries or make sure the battery is at full charge.*

Many end user customers require assurance of product performance. Proof of accuracy and precision of an instrument is often required. This requirement may be a result of ISO procedures or customer quality audit requirements. Greenlee Textron Inc. can provide calibration service for specifically marked hand-held electrical test equipment. Calibration assures the customer that the instrument has been checked and/or calibrated using equipment that is checked and calibrated to standards that are traceable to the National Institute for Standards and Technology (NIST). Products currently included are all clamp meters, professional series Digital Multimeters and megohmmeters. A certificate will be provided.

To obtain this calibration service, call Customer Service at 1-800-435-0786 and request a Return Authorization.

[www.greenleeutility.com](http://www.greenleeutility.com)

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