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INTRODUCTION

INSTALLATION TOOLS

The BURNDY® Engineered System features the most complete line of installation tools in the electrical industry. Available in various styles: battery actuated, mechanical, full cycle ratchet, self contained hydraulic, remote controlled hydraulic, along with power actuated pumps, hoses and accessories, BURNDY has the options to suit your needs. BURNDY tools are designed to integrate with the complete line of BURNDY connectors. Whether you're a small contractor working with #22 wire or a large utility working with 2500 kcmil conductor, there is a BURNDY tool available to do the job.

The benefits of the BURNDY® Engineered System are many, however, probably the most significant benefit is reliability. There is nothing more important to the electrical industry today than reliability. It represents the one area that leads to economical installations that will endure for the life of the installation.

TOOL CENTER

An important element of the BURNDY® Engineered System is the BURNDY Tool Center, located at 150 Burndy Road, Littleton, NH 03561 (800-426-8720). This center provides advice and information on the operation, maintenance and repair of BURNDY tools. The repair center is staffed with specialized technicians who provide the best possible service for all BURNDY tools, pumps and accessories.

BURNDY designed and produced the first self contained hydraulic compression electrical connector installation tool in 1934. In our continuing efforts to provide the highest quality and highest value connection systems, we offer the current BURNDY tool policy.

LIMITED WARRANTY

The full line of BURNDY tools are warranted to be free of defects in materials and workmanship for a period of five (5) years from the date of shipment. If inspection by a certified tool technician shows the trouble is caused by defective workmanship or material, BURNDY will repair or (at our option) replace the tool.

This Warranty does not apply where:

- Repairs or alterations have been made or attempted by others
- Repairs are required because of normal wear and tear
- The tool has been abused, misused or improperly maintained
- The use of any non-BURNDY product has resulted in damage to the tool

STANDARD LIMITED WARRANTY AND LIMITATION OF LIABILITY

BURNDY warrants that the goods and services stated on the face hereof, when furnished to the Buyer by BURNDY, conform with the current written specifications and drawings (or with those of the Buyer specifically accepted by BURNDY in writing), and will be free of defects in materials and workmanship. The sole obligation of BURNDY (and Buyer's sole and exclusive remedy) for any breach of warranty under the foregoing warranty shall be to repair (at location designated by BURNDY) or, at the option of BURNDY: To replace FOB the original point of delivery any goods which are non-conforming or defective and are so specified by Buyer in a written certified mail notice to an officer of BURNDY within the applicable warranty period. BURNDY expressly disclaims any and all express or implied warranties other than the warranty of its title to goods and the warranty hereinabove set forth. Such disclaimer includes, without limitation, warranty of fitness for a particular purpose and warranty of merchantable quality.

Limitation of Liability: BURNDY will not, under any circumstances, be liable for the cost of removal or reinstallation of goods or the cost of disassembly or reassembly of equipment in connection therewith, or for loss of the use of Buyer's equipment or facilities, or for loss of business or goodwill or profits, or for cost of inspection or storage, or for any incidental or consequential damages of any nature or description whatever which may arise from the sale of BURNDY goods to Buyer.

REPAIR POLICY

All non-warranty repaired tools are completely reconditioned and receive a limited 1-year warranty. Non-warranty repair returns tools to like new condition at a maximum cost of 40% of a new tool. A nominal service charge of \$5.00 is applied to all repairs to cover shop supplies, oil disposal and other miscellaneous services not covered as part of the standard repair.

If the decision is made not to repair, a handling charge of \$25.00 will be applied plus return freight costs.

RETURN PROCEDURE

All tools sent to the BURNDY Tool Center or an authorized repair center must be accompanied by a purchase order with detailed bill to and ship to address authorizing repair. Requests for repair charges before work is done must be stated on the purchase order. All tools sent to the BURNDY Tool Center or an authorized repair center as a warranty claim must be accompanied by a proof of purchase such as a BURNDY invoice or invoice from any BURNDY distributor.

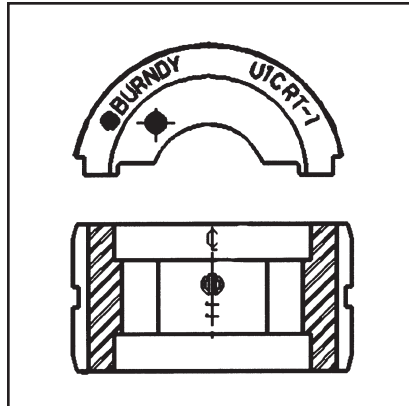
All tools must be shipped at the owner's expense, prepaid. BURNDY pays for the return freight, same surface freight as received. Airfreight returns will be returned same way collect for non-warranty repair and prepaid for warranty repairs.

This warranty and repair policy supercedes all previous policies and is in effect as of January 1, 2005.

12-TON U DIES*

BURNDY® Die Sets

Fits Y35, Y39, Y750 Series,
PAT750 Series,
PAT46 Series
(with PUADP-1 Adapter)



U die case Part# PT29291, holds up to 15 U dies or U-Wide die sets.

Wire Size	Copper	Copper Wide Die**	Aluminum
#8 AWG	U8CRT	U8CRTW	U8CABT
#6 AWG	U5CRT	U5CRTW	U6CABT
#4 AWG	U4CRT	U4CRTW	U4CABT
#3 AWG	U3CRT	U3CRTW	N/A
#2 AWG	U2CRT	U2CRTW	U2CABT
#1 AWG	U1CRT-1	U1CRT-1W	U1CART
1/0 AWG	U25RT	U25RTW	U25ART
2/0 AWG	U26RT	U26RTW	U26ART
3/0 AWG	U27RT	U27RTW	U27ART
4/0 AWG	U28RT	U28RTW	U28ART
250 kcmil	U29RT	N/A	U29ART
300 kcmil	U30RT		U30ART
350 kcmil	U31RT		U31ART
400 kcmil	U32RT		U32ART
500 kcmil	U34RT		U34ART
535 Flex kcmil	U38XRT		N/A
600 kcmil	U36RT		U36ART
750 kcmil	U39RT		U39ART-2
777 Flex	U44XRT		N/A

N-5

* Non-tension U-type 12 ton dies for YA, YS, YA-A, YS-A style connectors.

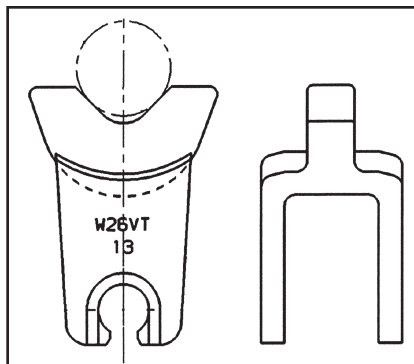
** Wide dies are intended for use on long barrel terminals and splices (YA / YS) only.

NOTE: N/A = not applicable.

W DIES

BURNDY® Die Sets

Fits Tools MD6, MD7,
Y500CTHS, PAT600 Series,
PATMD6 Series



W die case Part# CASEWDIES, holds up to 24 dies

Wire Size	Copper	Copper	Aluminum
Small #8	W8CVT	W8CRT	X8CART
#6	W5CVT	W5CRT	W161
#4	W4CVT	W4CRT	W162
#3	W3CRT	W3CRT	N/A
#2	W2CVT	W2CRT	W239
#1	W1CVT	W1CRT-1	W163
1/0	W25VT	W25RT	W241
2/0	W26VT	W26RT	W245
3/0	W27VT	W27RT	W166
4/0	W28VT	W28RT	W660
250	*W29VT	W29RT	W249
300	*W30VT	W30RT	N/A
350	*W31VT	W31RT	*W31ART
400	*W32VT	W32RT	N/A
450	W33VT	W33RT	N/A
500	*W34VT	W34RT	N/A
Large 600	**W36RT	W36RT	N/A

* These sizes (250-500) for Y500CTHS, MD7-34(R), PAT600, Y500CTHS only.

** For PAT600-18V only.

NOTE: N/A = not applicable.

Suitable for use on YA, YS, YA-A, YS-A type non-tension connectors.

**UDIEKITCU,
UDIEKITCUW,
UDIEKITAL,
UDIEKITHYGRD**

BURNDY® U DIE KITS

The UDIEKITCU and UDIEKITAL die kit includes 15 sets of "U" dies, type U-RT and U-ART respectively, and the PT29291 die case. These stainless steel color coded dies are for crimping BURNDY® YA, YS, YA-A and YS-A type HYLUG™ color coded terminals and splices ranging from #6 AWG through 750 kcmil.

The UDIEKITCUW includes 9 sets of wide stainless steel, color coded "U" dies are for crimping BURNDY® long barrel YA type HYLUG™ and YS type HYLINK™ color coded terminals and splices ranging from #8 AWG through 4/0 AWG. The wide "U" dies require only one crimp compared to two crimps when using standard width dies on long barrel YA type terminals and YS type splices up to 4/0 AWG.

The UDIEKITHYGRD kit includes 8 die sets. Seven dies sets are used to install the BURNDY® HYGROUND® irreversible compression grounding connectors, and the U2CABT die set for pre-crimping 1/2", 5/8" and 3/4" ground rods for increased rotational resistance.

BURNDY® "U" dies are used in the Y35, Y39, Y750 series, PAT750-18V series, Y46 and PAT46-18V (with PUDAP-1 adapter) tools.



UDIEKITHYGRD Includes
Catalog Number
UC
UO
U997
PU998
U1011
U1104
U1105
U2CABT (Ground rod pre-crimp die)
PT29291 (Die case)

Wire Size	UDIEKITCU Includes	UDIEKITCUW Includes	UDIEKITAL Includes
#8 AWG	not in kit	U8CRTW	not in kit
#6 AWG	U5CRT	U5CRTW	U6CABT
#4 AWG	U4CRT	U4CRTW	U4CABT
#2 AWG	U2CRT	U2CRTW	U2CABT
#1 AWG	U1CRT-1	U1CRT-1W	U1CART
1/0 AWG	U25RT	U25RTW	U25ART
2/0 AWG	U26RT	U26RTW	U26ART
3/0 AWG	U27RT	U27RTW	U27ART
4/0 AWG	U28RT	U28RTW	U28ART
250 kcmil	U29RT	N/A	U29ART
300 kcmil	U30RT		U30ART
350 kcmil	U31RT		U31ART
400 kcmil	U32RT		U32ART
500 kcmil	U34RT		U34ART
600 kcmil	U36RT		U36ART
750 kcmil	U39RT		U39ART-2
Die Case	PT29291	PT29291	PT29291

N-7

FORCEGAUGE12-15

Force Test Gauge

The BURNDY® FORCEGAUGE12-15 is a force gauge designed to assure users that their BURNDY® tool is supplying sufficient force to crimp connectors properly. This force gauge is a precision, self-contained load cell which converts the tool's output force into a pointer motion on a calibrated dial. The calibrated dial has two different green ranges that make it easy to identify the correct output force for either a 12 ton or 15 ton output force BURNDY tool. The gauge is designed to work specifically on the BURNDY® PATRIOT® PAT46 and PAT750 family as well as the Y750 and Y35 self-contained family of tools. For remote head tools, BURNDY® recommends the use of our inline pressure gauge, PT11018.

The FORCEGAUGE12-15 includes two blank "U" dies, force test gauge, Safety Operating and Maintenance Instructions (SOMI) and a high impact molded carry case. The gauge comes with a 1-year limited warranty.



Features and Benefits

- Custom "U" die blanks with detent
 - ◊ Provides secure aligned fit into the force gauge
- Accommodates 12 ton or 15 ton tools
 - ◊ Just one gauge can accommodate a larger family of tools
- Custom Carry Case
 - ◊ Protects the gauge, "U" die blanks and SOMI in a durable, compact polymer based case

Specifications

Gauge

Length:	8.3"
Width:	4.3"
Height:	1.5"
Weight:	2.7 lbs

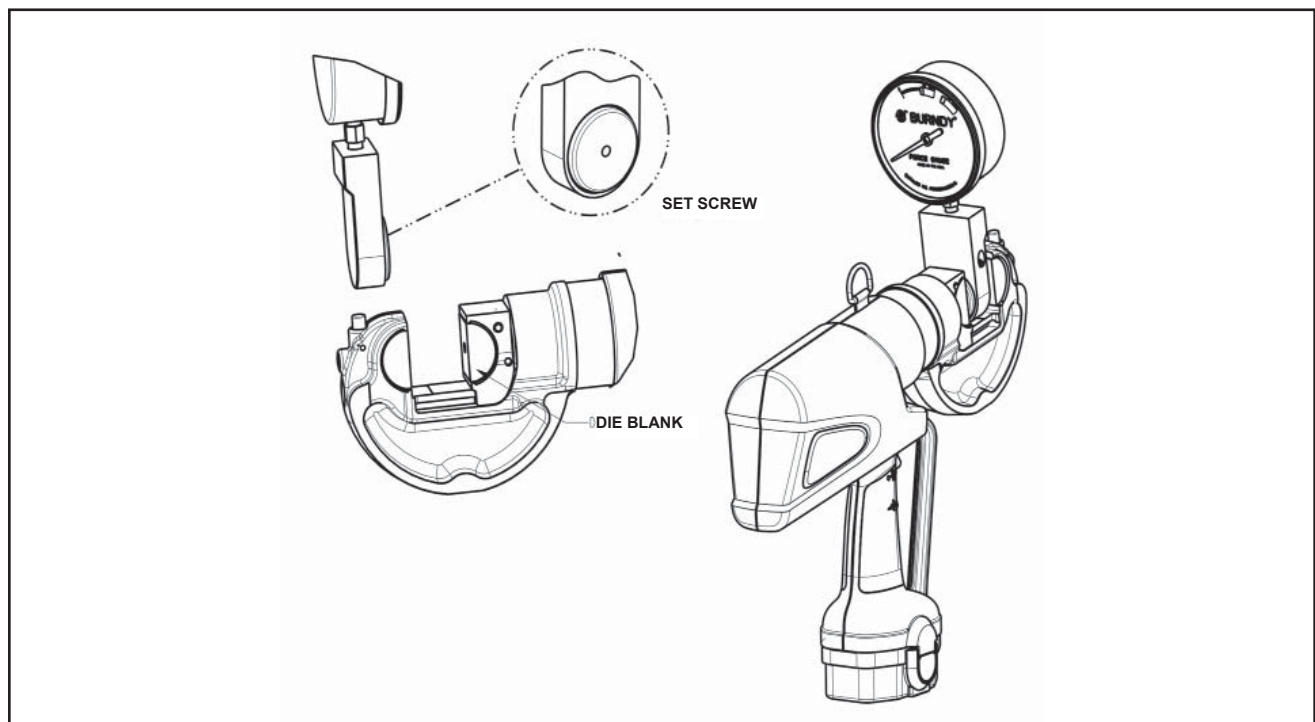
Kit

Weight:	4.5 lbs
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For Use On

The following series of tools: PAT46*, PAT750, Y750 and Y35

* The BURNDY® PUADP-1 adaptor will be required to accommodate the "U" die blanks in the 15 ton PAT46 tool.



PATRIOT® PAT46-LI

**18 Volt Lithium-Ion
Battery Actuated Tool**

**Hydraulic Self-Contained
15-Ton Crimping Tool**

The BURNDY® PATRIOT® PAT46-LI Lithium-ion tool incorporates the latest engineering technology with a patented high speed hydraulic pump. The redesigned field proven electronics provides the ultimate reliability in the harshest work environments. BURNDY® battery actuated hydraulic tools provide a consistent, reliable connection every time. The PAT46-LI features the BURNDY® Y46 tool head, capable of using all “P” and “U” style dies.

Each PATRIOT® tool uses standard BURNDY® dies and off-the-shelf connectors available worldwide. Supplied with a durable high impact formed carrying case to hold the tool, battery charger, two 18V Lithium-Ion batteries, tool retention lanyard and die compartments to hold both “P” and “U” die sets (dies sold separately). All BURNDY® PATRIOT® tools are provided with a 5-year limited warranty. All PATRIOT® tools feature the BURNDY® INFINITY DRIVE® transmission which has a lifetime warranty.

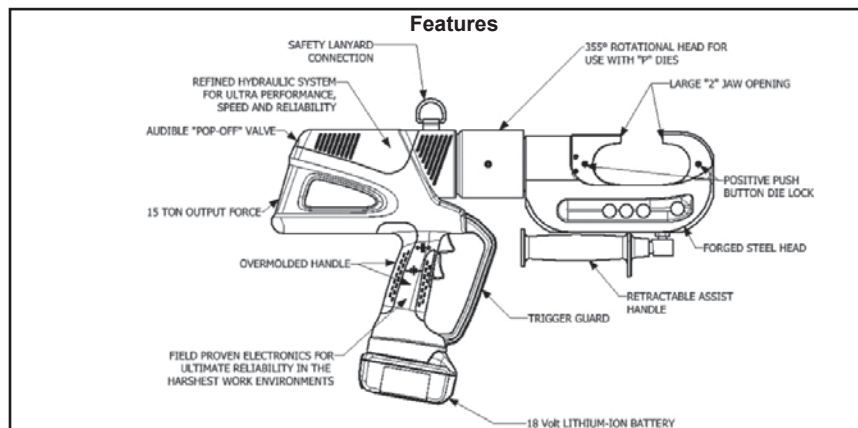
PAT46C-LI — with rubber covered head is available.

Features and Benefits

- The largest BURNDY® battery actuated crimp tool, providing 15-tons of output force with a 2" jaw opening
 - ◇ Allows users to install the largest variety of splices, taps and terminals with one tool. Also provides easy placement and removal from continuous conductor lengths



- Redesigned field proven electronics
 - ◇ Provides the ultimate reliability in the harshest work environments
- Overmolded ergonomic handle
 - ◇ For comfort and improved grip; allows for one handed operation for advance, retract and hold
- 18-volt (3.0 AH) Li-Ion batteries
 - ◇ Batteries provide 2.5 times more charge/discharge cycles than traditional Ni-Cd batteries and 430% more lifetime work
 - ◇ Less “down-time” due to high capacity (3.0 AH), 18 volt Li-Ion battery
 - ◇ No voltage depression (memory issues)
- 30-minute smart charger
 - ◇ Controls current, voltage and temperature to maximize battery life
 - ◇ Forced air cooling fan cools the battery by forcing cool air through the battery’s built-in air vents
- State of the art C-Head crimp design with 355° head rotation
 - ◇ Versatile tool head positioning lets user get into tight areas easier
- Retractable assist handle under head of tool for better handling of tool
 - ◇ Allows for better balance of tool and retractable for getting head into tight areas
- Durable high impact formed carrying case
 - ◇ Provides superior protection and stores all accessories
- 1-year warranty on batteries and charger



SPECIFICATIONS

- Output Force:** 15 tons
(13.6 metric tons)
- Total Weight:** 25.5 lbs. (11.88 kg)
- Length:** 20.77" (52.76 cm)
- Height:** 14.43" (36.65 cm)
- Width:** 3.70" (9.40 cm)
- Operating Voltage:** 18 V-DC
- Recharge Time:** 30 minutes

FOR USE ON

Connector Type	Conductor Range
Copper #8 AWG str. 1500 kcmil Code Cable, Navy Cable, Flexible and Extra Flexible 1/2" - 1" Ground Rods	Terminals, grounding: to 500 kcmil YGA, YGHA, YGF Terminals, uninsulated: #8 to 1500 kcmil: YA, YA-2N, YA-L, YA-LB, YA-TC, YA-2LN, YAB-4N, YAV-L Box, YAV-L, YAV-RS Box, YAV-RS, YA-TC-FX Terminals, insulated: #8 to 2/0 YAEV-L Box, YAEV-L, YAEV-H, YAEV-RS, YAEV-RH Splices: #8 to 1500 kcmil YS, YS-T, YS-L, YS-LB, YST, YSP-T, YGS, YGHS Taps: #14 to 1000 kcmil YH, YCHC to 4/0 AWG YC-C Taps, grounding: to 500 kcmil YGHC-C, YGHP-C, YGHR-C
Aluminum #8 AWG - 1250 kcmil Code Cables	Terminals: YA-A, AYP, AYPO Splices: YS-A, YS-AT, YRB Taps: YFD, YFN, YFO, YFR
ACSR	See BURNDY® Overhead Transmission & Distribution

ACCESSORIES

- Cutter Die:** Cat# P15K
Maximum Dia. 1.2"
- “U” Die Adapter:** Cat# PUADP-1
- Battery:** Cat# BAT18VLI
Hi-capacity Li-Ion
(3.0 AH)
- Chargers:**
120V-AC Cat# PATCHGR-LI
12/24V-DC Cat# PATCHGR-LIDC



PATRIOT® PAT46-18V

BATTERY ACTUATED TOOL

Hydraulic Self-Contained
 15-Ton Crimping Tool

The BURNDY® PATRIOT® PAT46-18V incorporates the latest engineering technology with a patented high speed hydraulic pump. Our battery actuated hydraulic tool provides a consistent, reliable connection every time. The PAT46-18V features the BURNDY® Y46 tool head, capable of using all “P” and “U” style dies.

Each PATRIOT® tool uses standard BURNDY® dies and off-the-shelf connectors available worldwide. Supplied with a durable high impact formed carrying case to hold the tool, battery charger, two batteries, tool retention lanyard, and die compartments to hold both “P” and “U” die sets (dies sold separately). All BURNDY® PATRIOT® PAT46 tools are provided with a 5-year limited warranty. 1-year warranty on battery and charger.

PAT46C-18V — with rubber covered head is available.



Features and Benefits

- The largest BURNDY® battery actuated crimp tool, providing 15-tons of output force with a 2” jaw opening
 - ◊ Allows users to install the largest variety of splices, taps and terminals with one tool. Also provides easy placement and removal from continuous conductor lengths
- State of the art C-Head crimp design with 355° head rotation
 - ◊ Versatile tool head positioning lets user get into tight areas easier
- Retractable assist handle under head of tool for better handling of tool
 - ◊ Allows for better balance of tool and retractable for getting head into tight areas
- Durable high impact formed carrying case
 - ◊ Provides superior protection and stores all accessories
- 18-volt Ni-MH battery eliminates voltage depression (memory issues)
 - ◊ Less “down-time” due to high capacity, high voltage 18-volt battery

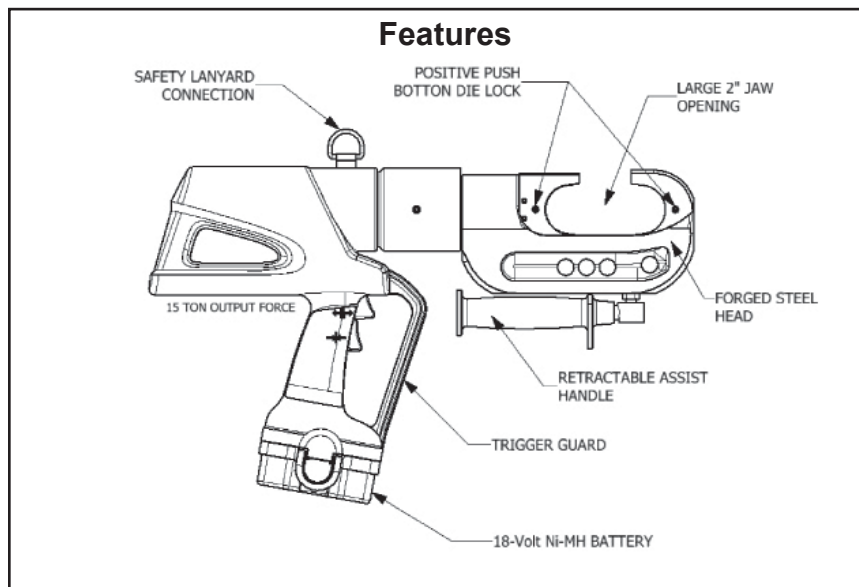
SPECIFICATIONS

- Output Force:** 15 tons
(13.6 metric tons)
- Weight:** 26.2 lbs (11.88 kg)
- Length:** 20.77” (52.76 cm)
- Height:** 14.43” (36.65 cm)
- Width:** 3.70” (9.40 cm)
- Operating Voltage:** 18 V-DC
- Battery Recharge**
- Time:** < 45 mins.

FOR USE ON

Connector Type	Conductor Range
Copper #8 AWG str. 1500 kcmil Code Cable, Navy Cable, Flexible and Extra Flexible 1/2” - 1” Ground Rods	Terminals, grounding: to 500 kcmil YGA, YGHA, YGF Terminals, uninsulated: #8 to 1500 kcmil: YA, YA-2N, YA-L, YA-LB, YA-TC, YA-2LN, YAB-4N, YAV-L Box, YAV-L, YAV-RS Box, YAV-RS, YA-TC-FX Terminals, insulated: #8 to 2/0 YAEV-L Box, YAEV-L, YAEV-H, YAEV-RS, YAEV-RH Splices: #8 to 1500 kcmil YS, YS-T, YS-L, YS-LB, YST, YSP-T, YGS, YGHS Taps: #14 to 1000 kcmil YH, YCHC to 4/0 AWG YC-C Taps, grounding: to 500 kcmil YGHC-C, YGHP-C, YGHR-C
Aluminum #8 AWG - 1250 kcmil Code Cables	Terminals: YA-A, AYP, AYPO Splices: YS-A, YS-AT, YRB Taps: YFD, YFN, YFO, YFR
ACSR	See BURNDY® Overhead Transmission & Distribution

Features



ACCESSORIES

- Cutter Die:** Cat# P15K
Die max. 1.2” dia.
- “U” Die Adapter:** Cat# PUADP-1
- Battery:** Cat# BAT18V
Hi-capacity Ni-MH (2.6AH)
- Chargers:**
- 120V-AC Cat# PATCHGR18V
- 12/24V-DC Cat# BCT/PATDCCHGR
- 240/250V-AC Cat# PATCHGR250V

N-10

PATRIOT® PAT46LW-LI
PATRIOT® PAT46LW-18V

18V Lithium-Ion Battery Crimper
18V Ni-MH Battery Crimper

Hydraulic Self-Contained 15 Ton
Light Weight Crimping Tool

The BURNDY® PAT46LW is a light weight “latch head” style 15 ton crimping tool designed to terminate BURNDY® terminals and splices.

The PAT46LW Series incorporates the latest engineering technology featuring a patented high speed hydraulic pump for very quick actuation. The unique field proven electronics provides the ultimate reliability in the harshest work environments.

The PAT46LWLI and PAT46LW18V are capable of using all BURNDY® “P” and “U” style dies (U dies require PUADP-1 adapter). Every PAT46LW tool is supplied with a durable high impact formed carrying case to hold the tool, battery charger, two (2) 18 volt batteries (Li-ion or Ni-MH) and tool retention lanyard.



Features and Benefits

- New light weight design only 16.79 lbs (Lithium-Ion) and 17.3 lbs (Ni-MH)
- Available in both Li-ion, and Ni-MH 18-volt battery technology
- Provides 15-tons of output force with 2” jaw opening
- Redesigned field proven electronics
- Overmolded ergonomic handle on Li-ion version
- Rugged forged latching crimp head with 355° head rotation
- 5 year limited warranty on tool
- Lifetime warranty on INFINITY DRIVE®
- 1-year warranty on batteries and charger

SPECIFICATIONS

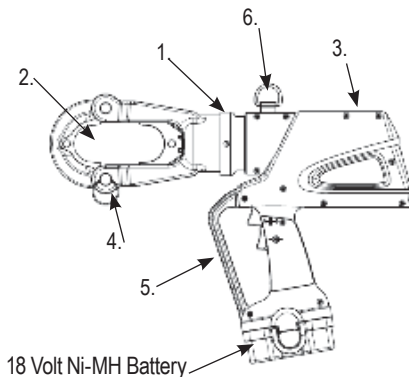
- Output Force:** 15 Tons
- Total Weight:** 16.79 lbs (Li-ion)
17.3 lbs (Ni-MH)
- Length:** 18.65 in (Li-ion)
18.65 in (Ni-MH)
- Height:** 13.75 in (Li-ion)
13.75 in (Ni-MH)
- Operating Voltage:** 18V-DC
- Battery Recharge Time:** 30 minutes (Li-ion)
45 minutes (Ni-MH)
- Head Rotation:** 355° (both)

FOR USE ON

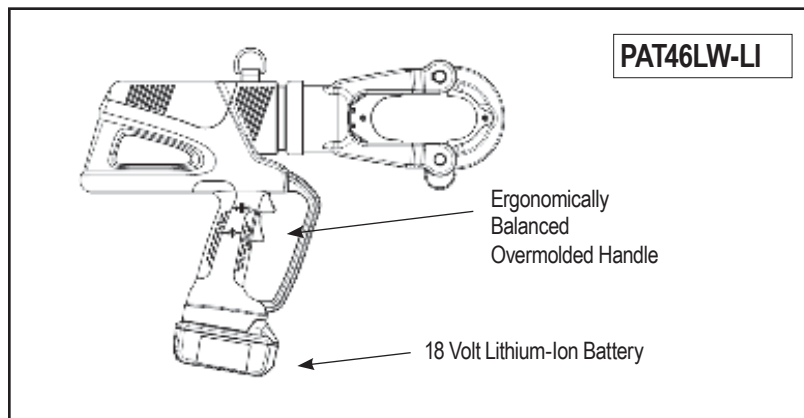
Copper #8 AWG str. 1500 kcmil Code Cable, Navy Cable, Flexible and Extra Flexible 1/2” - 1” Ground Rods	Terminals, grounding: to 500 kcmil YGA, YGHA, YGF Terminals, uninsulated: #8 to 1500 kcmil: YA, YA-2N, YA-L, YA-LB, YA-TC, YA-2LN, YAB-4N YAV-L Box, YAV-L, YAV-RS Box, YAV-RS, YA-TC-FX Terminals, insulated: #8 to 2/0 YAEV-L Box, YAEV-L, YAEV-H, YAEV-RS, YAEV-RH Splices: #8 to 1500 kcmil YS, YS-T, YS-L, YS-LB, YST, YSP-T, YGS, YGHS Taps: YH, YCHC #14 to 1000 kcmil, YC-C to 4/0 AWG Taps, grounding: to 500 kcmil YGHC-C, YGHP-C, YGHR-C
Aluminum #8 AWG -1250 kcmil Code Cables	Terminals: YA-A, AYP, AYPO Splices: YS-A, YS-AT, YRB Taps: YFD, YFN, YFO, YFR
ACSR See BURNDY® Overhead Transmission and Distribution Catalog Module	

Features on both Ni-MH and Li-Ion Styles:

1. 355° Rotation Head for use with P and U dies (with PUADP-1)
2. Large 2” Jaw Opening
3. Audible “Pop Off” Valve
4. Locking Latch Pin
5. Trigger Guard
6. Safety Lanyard Connection



PAT46LW-18V



ACCESSORIES

- Cutter Die:** Cat# P15K
- “U” Die Adapter:** Cat# PUADP-1
- Battery:** Cat# BAT18VLI
Hi-capacity (3.0 AH) Li-Ion
Cat# BAT18V
Hi-capacity (2.6 AH) Ni-MH
- Li-Ion Chargers:**
120V-AC Cat# PATCHGRLI
12/24V-DC Cat# PATCHGR-LIDC
- Ni-MH Chargers:**
120V-AC Cat# PATCHGR18V
12/24V-DC Cat# BCT/PATDCCHGR
240/250V-AC Cat# PATCHGR250V

PATRIOT®
HIGH PERFORMANCE
PAT750-LI

18 Volt Lithium-Ion
Battery Actuated Tool

Hydraulic Self-Contained
 12-Ton Crimping Tool

The BURNDY® PATRIOT® PAT750-LI Lithium-Ion tool is approximately 25% faster than the previous models. In addition to faster crimp cycles, the high performance PAT750-LI has newly designed electronics that are field proven to handle the harshest work environments.

The PAT750-LI incorporates the latest engineering technology with a refined hydraulic system for ultra performance, speed and reliability. The redesigned field proven electronics provides the ultimate reliability in the harshest work environments. All BURNDY® battery actuated hydraulic tools provide a consistent, reliable connection every time. The PAT750-LI features the BURNDY® Y750 tool head, capable of using all "U" style dies, and incorporates a bearing and alignment guide for use on HYGROUND® and other asymmetrical connectors. The crimp head rotates 355° for operation in virtually any position.

Each PATRIOT® tool uses standard BURNDY® dies and off-the-shelf connectors available world-wide. Supplied with a durable high impact formed carrying case to hold the tool, battery charger, two 18 volt Lithium-Ion batteries, tool retention lanyard and die compartment to hold "U" die sets (sold separately). Provided with a 5-year limited warranty. All PATRIOT® tools feature the BURNDY® INFINITY DRIVE® transmission which has a lifetime warranty.



SPECIFICATIONS

Output Force:	12 tons (10.9 metric tons)
Tool Weight:	15.7 lbs (7.12 kg) With Battery
Length:	15.75 in (40 cm)
Width:	3.5 in (8.89 cm)
Height:	13.5 in (34.29 cm)
Operating Voltage:	18 V-DC
Recharge Time:	30 minutes

Features and Benefits

- Refined hydraulic system for ultra performance, speed and reliability
- Field proven electronics for ultimate reliability in the harshest environments
- Over-molded handle for comfort and improved grip; allows for one-handed operation for advance, retract and hold
- 18 volt Lithium-Ion batteries provide 2.5 times more charge/discharge cycles than traditional Ni-Cd batteries and provide 430% more lifetime work
- 30-minute charger controls current, voltage & temperature to maximize battery life, forced air cooling fan cools the battery by forcing cool air through the battery's built-in air vents
- State of the art crimping head design, 355° head rotation lets user get into tight areas easier
- Allows use of standard BURNDY® dies already in use
- Ergonomically balanced tool design eases operation
- Durable high impact formed carrying case provides superior protection and stores all accessories
- PAT750C-LI with rubber covered head is available
- 1-year warranty on batteries and charger

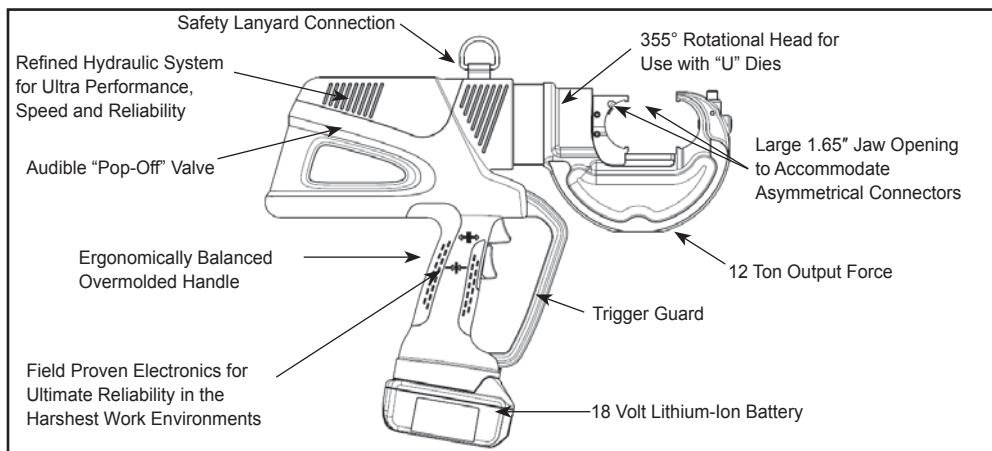
FOR USE ON

Tension Sleeves	
Copper	#8 sol. - 500 kcmil
Aluminum	#8 sol. - 587.2 kcmil
ACSR	#4 - 556.5 kcmil
Taps	
Copper	#14 sol. - 500 kcmil
Aluminum	#8 - 500 kcmil
Aerial Cable	
Copper	#6 - 500 kcmil
Terminals & Splices	
Aluminum	#8 - 750 kcmil
Copper	#8 - 750 kcmil
ACSR	#4 - 556 kcmil
HYGROUND®	
Copper	#8 - 500 kcmil (cable/ground rod)
Ground Rods	
	1/2" - 1" Diameter

ACCESSORIES

Battery:	Cat# BAT18VLI Hi-capacity (3.0 AH)
Chargers:	120V-AC Cat# PATCHGRLI 12/24V-DC Cat# PATCHGR-LIDC
Lanyard:	Cat# PT208620

N-12



PATRIOT®
HIGH PERFORMANCE
PAT750XT-18V

BATTERY ACTUATED TOOL

Hydraulic Self-Contained
12-Ton Crimping Tool

The BURNDY® PATRIOT® High Performance PAT750XT-18V tool is 25% faster than previous models. In addition to faster crimp cycles, the High Performance PAT750XT-18V has newly designed electronics that are field proven for ultimate reliability and proven to handle the harshest work environments.

The High Performance PAT750XT-18V incorporates the latest engineering technology with a refined hydraulic system for ultra performance, speed and reliability. All PATRIOT® tools feature the BURNDY® INFINITY DRIVE® transmission which has a lifetime warranty.

The High Performance PAT750XT-18V features the BURNDY® Y750 tool head, capable of using all "U" style dies, and incorporates a bearing and alignment guide for use on HYGROUND® and other asymmetrical connectors. Features reliable head rotation design for operation in virtually any position. All PATRIOT® battery actuated hydraulic tools provide a consistent, reliable connection every time.

Each PATRIOT® tool uses standard BURNDY® dies and off-the-shelf connectors available world-wide. Supplied with a durable high impact formed carrying case to hold the tool, battery charger, two batteries, tool retention lanyard, and die compartment to hold "U" die sets. (Dies sold separately.) All BURNDY® PATRIOT® 18V series tools are provided with a 5-year limited warranty.



Features and Benefits

- Refined hydraulic system for ultra performance, speed and reliability
- Field proven electronics for ultimate reliability in the harshest environments
- True one-handed operation for advance, retract, and hold
- 12 tons of output force for use on virtually all compression applications
- State of the art crimping head design, 355° head rotation lets user get into tight areas easier
- Allows use of standard BURNDY® "U" dies already in use
- Ergonomically balanced tool design eases operation and helps lessen fatigue
- Durable high impact formed carrying case provides superior protection and stores all accessories
- PAT750CXT-18V — with rubber covered head is available
- 18 volt Ni-MH battery eliminates voltage depression (memory issues)
- 1-year warranty on batteries and charger

SPECIFICATIONS

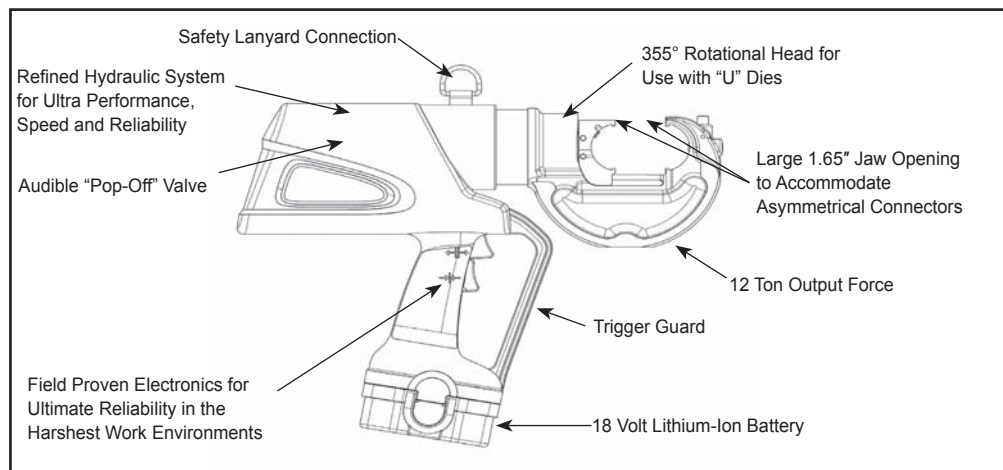
- Output Force:** 12 tons (10.9 metric tons)
- Tool Weight:** 16.5 lbs (7.5 kg) With Battery
- Length:** 15.75 in (40 cm)
- Width:** 3.5 in (8.89 cm)
- Height:** 13.5 in (34.29 cm)
- Operating Voltage:** 18 V-DC
- Recharge Time:** < 45 minutes

FOR USE ON

- Tension Sleeves**
 - Copper #8 sol. - 500 kcmil
 - Aluminum #8 sol. - 587.2 kcmil
 - ACSR #4 - 556.5 kcmil
- Taps**
 - Copper #14 sol. - 500 kcmil
 - Aluminum #8 - 500 kcmil
- Aerial Cable**
 - Copper #6 - 500 kcmil
- Terminals & Splices**
 - Aluminum #8 - 750 kcmil
 - Copper #8 - 750 kcmil
 - ACSR #4 - 556 kcmil
- HYGROUND®**
 - Copper #8 - 500 kcmil (cable/ground rod)
- Ground Rods** 1/2" - 1" Diameter

ACCESSORIES

- Battery:** Cat# **BAT18V**
Hi-capacity (2.6 AH)
- Chargers:**
 - 120V-AC Cat# **PATCHGR18V**
 - 12/24V-DC Cat# **BCT/PATDCCHGR**
 - 240/250V-AC Cat# **PATCHGR250V**
- Lanyard:** Cat# **PT208620**



PATRIOT®

PAT750K-LI (Li-Ion)

PAT750K-18V (Ni-MH)

BATTERY ACTUATED TOOL

Hydraulic Self-Contained
12-Ton Crimping Tool

The BURNDY® PATRIOT® tools can be operated with only one hand, making them the most ergonomic, one-handed battery powered crimping and cutting tools available in the world today.

The PAT750K series of tools incorporate the latest engineering technology with the patented high speed hydraulic pump. Our battery actuated hydraulic tools provides a consistent, reliable connection every time. The PAT750K series tools are capable of using KEARNEY™ WH1 and WH2 and BURNDY® “U” style dies with the KUADP adapter. The PAT750K head rotates 355° for operation in virtually any position.

Each PATRIOT® tool uses standard BURNDY® dies and off-the-shelf connectors available worldwide. The PAT750K tools are supplied with a durable high impact formed carrying case to hold the tool, battery charger, two batteries, tool retention lanyard, and die compartment to hold “U” die sets. (Dies sold separately.) All BURNDY® PATRIOT® series tools are provided with a 5-year limited warranty.



Features and Benefits

- True one-handed operation for advance, retract, and hold
- 12 ton output force
- State of the art crimping head design with 355° rotation
- Positive lock die buttons to secure dies or die adapter
- Allows use of standard BURNDY® “U” dies with KUADP adapter, and KEARNEY™ WH1 and WH2 dies
- Smoother, quieter, more efficient tool operation
- **PAT750CK-18V** (Ni-MH) with rubber covered head is available
- Ergonomically balanced tool design to help lessen operator fatigue
- Durable high impact formed carrying case
- Lifetime warranty on INFINITY DRIVE®
- 1-year warranty on battery and charger

SPECIFICATIONS

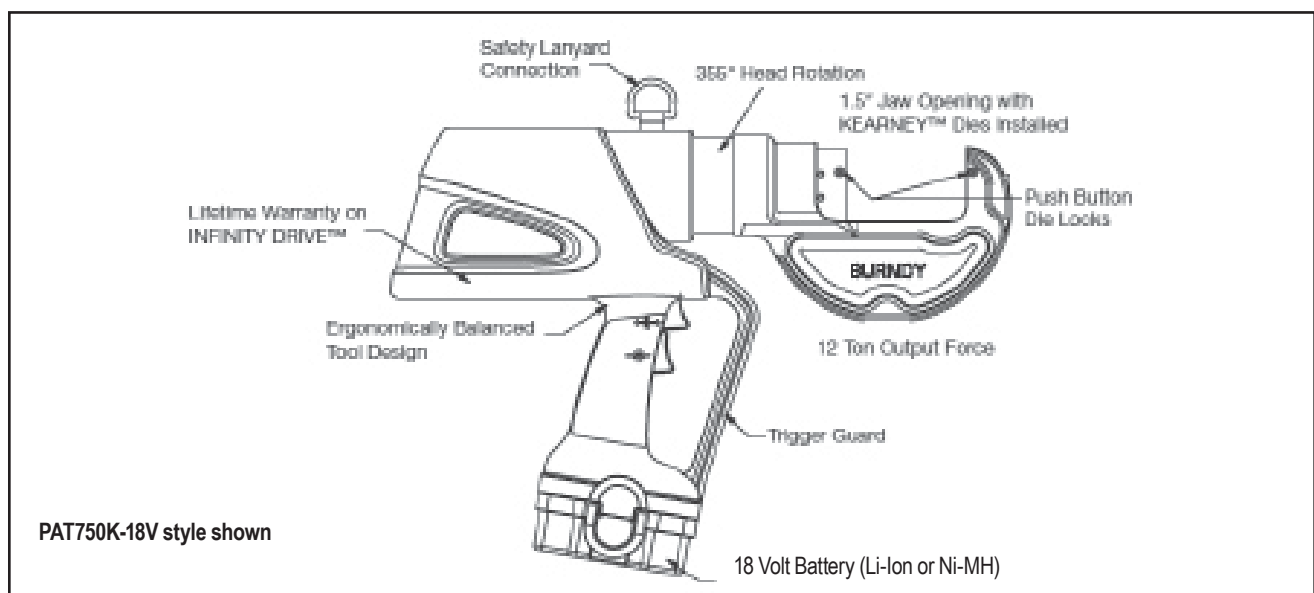
Output Force:	12 tons (10.9 metric tons)
Tool Weight:	18.4 lbs (8.3 kg) With Battery
Length:	17.5 in (44.45 cm)
Height:	3.5 in (8.89 cm)
Width:	13.5 in (34.29 cm)
Operating Voltage:	18 V-DC
Recharge Time:	<30 minutes (Li-Ion) < 45 minutes (Ni-MH)

FOR USE ON

Tension Sleeves :	up to 477 ACSR kcmil
Taps :	through 500 kcmil
Terminals :	up to 1033 kcmil

ACCESSORIES

“U” Die Adapter:	KUADP
Li-Ion Battery:	BAT18VLI (Li-Ion) Hi-capacity (3.0 AH)
Li-Ion Charger:	120V-AC PATCHGRLI 12/24V-DC PATCHGR-LIDC
Ni-MH Battery:	BAT18V (Ni-MH) Hi-capacity (2.6 AH)
Ni-MH Charger:	120V-AC PATCHGR18V 12/24V-DC BCT/PATDCCHGR 240/250V-AC PATCHGR250V
Lanyard:	PT208620



PATRIOT®
HIGH PERFORMANCE
PAT644-LI

18 Volt Lithium-Ion
Battery Actuated Tool

Hydraulic Self-Contained
11-Ton Dieless Crimping Tool

The BURNDY® PATRIOT® PAT644-LI Lithium-Ion tool is approximately 25% faster than the previous models. In addition to faster crimp cycles, the high performance PAT644-LI has newly designed electronics that are field proven for ultimate reliability and proven to handle the harshest work environments.

The PAT644-LI incorporates the latest engineering technology with a refined hydraulic system for ultra performance, speed and reliability. The redesigned field proven electronics provides the ultimate reliability in the harshest work environments. All BURNDY® battery actuated hydraulic tools provide a consistent, reliable connection every time. The PAT644-LI features the BURNDY® Y644 dieless latch head which eliminates the need to purchase and maintain dies. The crimp head rotates 355° for operation in virtually any position.

The PAT644-LI is supplied with a durable high impact formed carrying case to hold the tool, battery charger, two 18 volt Lithium-Ion batteries and tool retention lanyard. Most BURNDY® PATRIOT® 18V series tools provided with a 5-year limited warranty. 1-year warranty on batteries and charger. All PATRIOT® tools feature the BURNDY® INFINITY DRIVE® transmission which has a lifetime warranty.

PAT644-LI Range Taking Capabilities:

Refer to the individual connector pages for detailed information on the PAT644-LI range taking capabilities.



Features and Benefits

- Overmolded handle for comfort and improved grip; allows for one-handed operation for advance, retract and hold
- 18-volt Lithium-Ion batteries provide 2.5 times more charge/discharge cycles than traditional Ni-Cd batteries and provide 430% more life time work
- 30-minute charger controls current, voltage & temperature to maximize battery life
- Forced air cooling fan cools the battery by forcing cool air through the battery's built-in air vents
- Dieless system eliminates the need to purchase and maintain dies
- Dieless system allows connectors and splices to become range taking
- State of the art crimping head design, 355° head rotation lets user get into tight areas easier
- Ergonomically balanced tool design eases operation
- Durable high impact formed carrying case provides superior protection and stores all accessories

SPECIFICATIONS

Output Force: 11 tons (10 metric tons)
Tool Weight: 16.3 lbs (7.39 kg)
With Battery
Length: 15.6" (39.60 cm)
Width: 3.2" (8.10 cm)
Height: 14.1" (35.80 cm)
Operating Voltage: 18 V-DC
Recharge Time: 30 minutes

FOR USE ON

Copper
#6-1000 kcmil

Aluminum
#6-750 kcmil

Aluminum
#6-750 kcmil

Terminals:
YA-L, YA-2LN, YA, YA-2N, YA-L-2TC, YAB-4N, YA-L-TC, YA-2L, YA-4N

Splices:
YS-L, YS, YS-T

Terminals:
YA-A, YA-A-TN

Splices:
YS-A

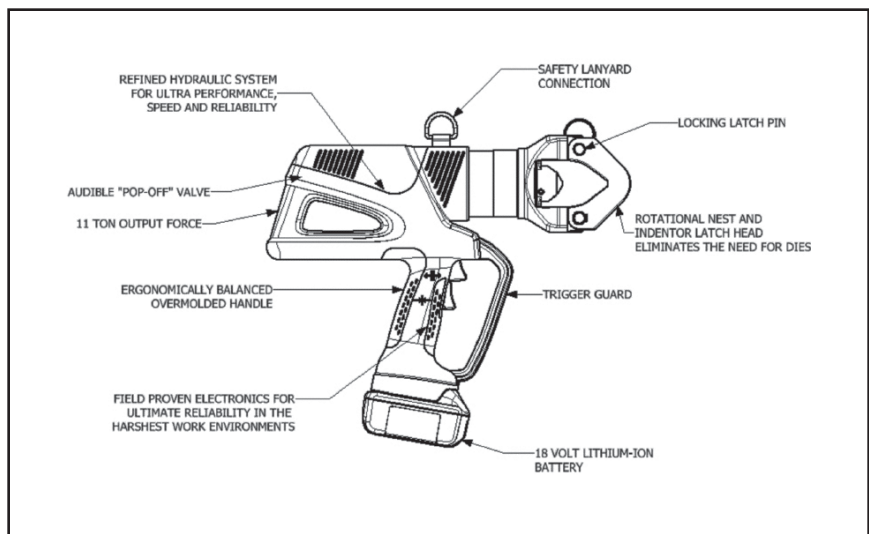
HYPLUG™
AYP, AYPO

ACCESSORIES

Battery: Cat# **BAT18VLI**
(3.0 AH) Hi-capacity

Chargers:
120V-AC Cat# **PATCHGR-LI**
12/24V-DC Cat# **PATCHGR-LIDC**

Lanyard: Cat# **PT208620**



PATRIOT®
PAT644XT-18V

BATTERY ACTUATED TOOL

Hydraulic Self-Contained
 11 Ton Dieless Crimping Tool

The BURNDY® PATRIOT® series of battery actuated tools can be operated with only one hand, which allows the other hand to be free to position the connector and conductor prior to crimping.

The BURNDY® PATRIOT® PAT644XT-18V incorporates the latest engineering technology with patent pending pump, transmission and piston component designs. Our self-contained hydraulic tool provides a consistent reliable connection every time. The PAT644XT-18V features the BURNDY® Y644 dieless latch head tool which eliminates the need to purchase and maintain dies. Features reliable head rotation design for operation in virtually any position.

Each PATRIOT® tool uses standard BURNDY® off-the-shelf connectors available world-wide. Supplied with a durable high impact formed carrying case to hold the tool, battery charger, two batteries, and tool retention lanyard. All BURNDY® PATRIOT® 18V series tools are provided with a 5-year limited warranty.

PAT644XT-18V Range Taking Capabilities:
 Please refer to the individual connector pages for detailed information on the PAT644XT-18V range taking capabilities.



Features and Benefits

- Dieless system
- True one-handed operation for advance, retract, and hold
- 11-ton output force
- State of the art crimping head design, 355° head rotation
- Audible "pop-off" indicates properly completed crimps
- Ergonomically balanced tool design
- Durable High Impact Formed carrying case
- Ni-MH battery eliminates voltage depression (memory issues)
- 1-year warranty on batteries and charger
- Eliminates the need to purchase and maintain dies
- Easier tool operation.
- Versatile tool head positioning lets user get into tight areas easier
- Less "down-time" due to high capacity, high voltage 18 volt battery

SPECIFICATIONS

- Crimp Force:** 11 tons
(10.9 metric tons)
- Tool Weight:** 17 lbs (7.7 kg)
- Length:** 14.9" (37.8 cm)
- Height:** 14" (35.6 cm)
- Width:** 3.7" (9.4 cm)
- Operating Voltage:** 18 V-DC
- Recharge Time:** < 45 mins.

Features and Benefits
 (Continued)

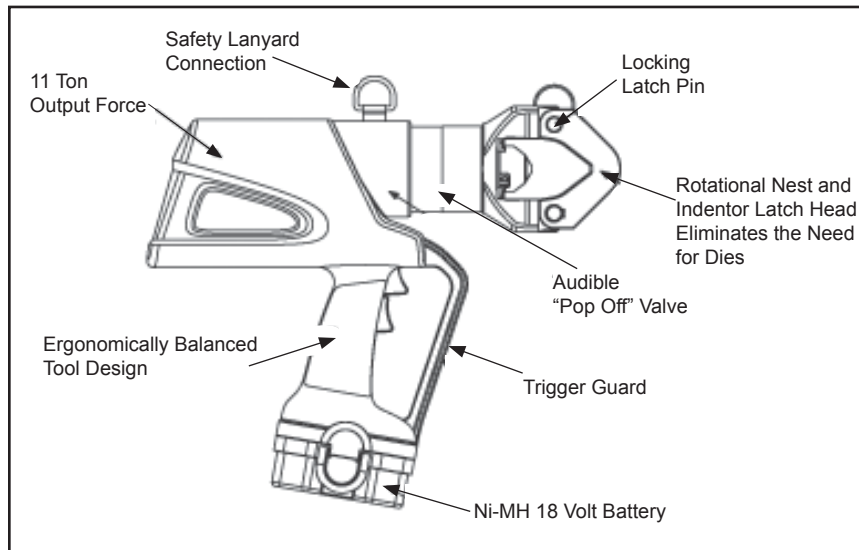
- Assures proper crimps with both audible and visual indicators, leaving no doubt for the tool user
- Ergonomically balanced tool eases operation and helps lessen fatigue
- Smoother, quieter, more efficient tool operation
- Durable high impact formed case provides superior protection and stores all accessories

FOR USE ON

- Copper**
#6-1000 kcmil
- Aluminum**
#6-750 kcmil
- Aluminum**
#6-750 kcmil
- Terminals:**
YA-L, YA-2LN, YA, YA-2N, YA-L-2TC, YAB-4N, YA-L-TC, YA-2L, YA-4N
- Splices:**
YS-L, YS, YS-T
- Terminals:**
YA-A, YA-A-TN
- Splices:**
YS-A
- HYPLUG™**
AYP, AYPO

ACCESSORIES

- Battery:** Cat# **BAT18V**
Hi-capacity Ni-MH (2.6 AH)
- Chargers:**
120V-AC Cat# **PATCHGR18V**
12/24V-DC Cat# **BCT/PATDCCHGR**
240/250V-AC Cat# **PATCHGR250V**
- Lanyard:** Cat# **PT208620**



4-POINT® PATRIOT®
PAT81KFT-LI

18 Volt Lithium-Ion
Battery Actuated Tool

Hydraulic Self-Contained 6-Ton
 4-POINT® Dieless Crimping Tool

The BURNDY® PAT81KFT-LI Lithium-Ion tool incorporates the latest engineering technology with a refined hydraulic system for ultra performance, speed and reliability. The redesigned field proven electronics provide the ultimate reliability in the harshest work environments. All BURNDY® battery actuated hydraulic tools provide a consistent, reliable connection every time. The PAT81KFT-LI features a dieless latch head design which eliminates the need to purchase and maintain dies. The crimp head rotates 360° for operation in virtually any position.

Supplied with durable high impact formed carrying case to hold tool, battery charger and (2) 18V Lithium-Ion batteries, and tool retention lanyard. Provided with 5-year limited warranty on the tool and 1-year warranty on batteries and charger. All PATRIOT® tools features the BURNDY® INFINITY DRIVE® which has a lifetime warranty.

PAT81KFT-LI Range Taking Capabilities:

The PAT81KFT-LI provides range taking capabilities that are UL Listed and CSA Certified for copper (code, compact and flex) and aluminum (code and compact) conductors when used in conjunction with BURNDY® HYLUG™ terminals and HYLINK™ splices.



Features and Benefits

- Refined hydraulic system for ultra performance, speed and reliability
- Field proven electronics for ultimate reliability in the harshest environments
- Overmolded handle for comfort and improved grip; allows for one-handed operation for advance, retract and hold
- 18-volt Lithium-Ion batteries provide 2.5 times more charge/discharge cycles than traditional Ni-Cd batteries and provide 430% more lifetime work
- 30-minute charger controls current, voltage and temperature to maximize battery life
- Forced air cooling fan cools the battery by forcing cool air through the battery's built in air vents
- Dieless system allows connectors and splices to become range taking
- State of the art crimping head design, 360° head rotation lets user get into tight areas easier
- Ergonomically balanced tool design eases operation and helps lessen fatigue

SPECIFICATIONS

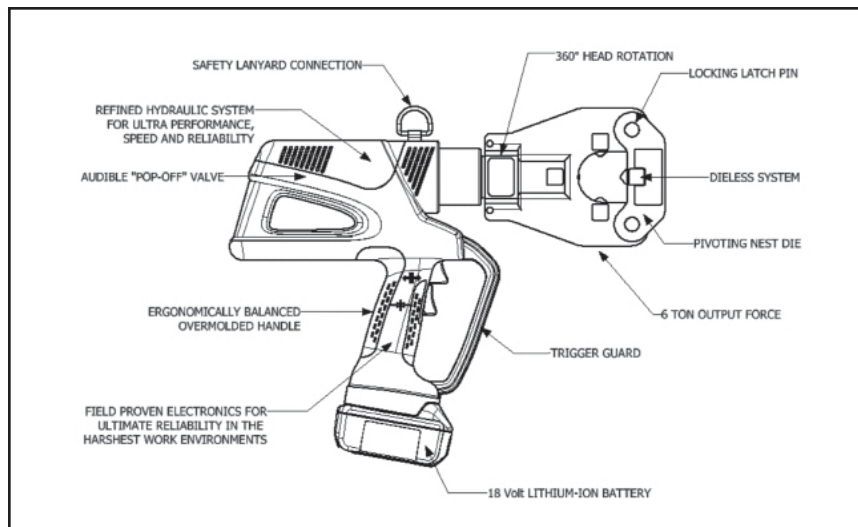
Output Force:	6 tons (5.4 metric tons)
Tool Weight:	13.2 lbs (5.90 kg) With Battery
Length:	15.6" (39.60 cm)
Width:	3.2" (8.10 cm)
Height:	14.1" (35.8 cm)
Operating Voltage:	18 V-DC
Recharge Time:	30 minutes

FOR USE ON

Copper #8-1000 kcmil	Terminals: YA, YA-L Splices: YS-L, YS, YS-T, Y-R
Copper Flex #8-777.7 kcmil Flex (750 Nominal)	Terminals: YA-FX, YAV, YA-L-FX Splices: YS, YSV-FXB
Aluminum #8-750 kcmil	Terminals: YA-A, YA-A-TN Splices: YS-A
Aluminum #8-750 kcmil	HYPLUG™ AYP, AYP0

ACCESSORIES

Battery:	Cat# BAT18VLI (3.0 AH) Hi-capacity
Chargers:	120V-AC 12/24V-DC Cat# PATCHGR-LI Cat# PATCHGR-LIDC
Lanyard:	Cat# PT208620



4-POINT® PATRIOT® PAT81KFT-18V

BATTERY ACTUATED TOOL

Hydraulic Self-Contained
Crimping Tool

#8-1000 kcmil Copper HYLUG™ Terminals
and HYLINK™ Splices

#8-750 kcmil Aluminum HYLUG™ Terminals
and HYLINK™ Splices

The BURNDY® PAT81KFT-18V is a battery powered crimping tool that provides a powerful 6 tons of crimping force. It is compact, fast, easy to use and incorporates the latest in battery tool technology. The ergonomic design allows for one hand operation so that the other is free to position the connectors and conductor prior to crimping. The PAT81KFT-18V features a dieless latch head design which eliminates the need to purchase and maintain dies. Featuring 360° head rotation, the PAT81KFT-18V is designed for easy operation in virtually any position.

The PAT81KFT-18V is supplied with a high impact carrying case, battery charger, lanyard and two batteries. The PAT81KFT-18V comes complete with a 5-year limited warranty on the tool and 1-year limited warranty on the batteries.

PAT81KFT-18V Dieless HYPRESS™ Range Taking Capabilities: The PAT81KFT-18V provides range taking capabilities that is UL and CSA Listed for Copper (Code, Compact and Flex) and Aluminum (Code and Compact) conductors when used in conjunction with BURNDY® HYLUG™ terminals and HYLINK™ splices. See chart for connector, conductor and range taking combinations.



Features and Benefits

- Dieless installation system
- Audible pressure “pop-off” valve and die embossment providing 360° inspectability
- Battery powered crimp technology
- Advanced high speed pump design
- 360 Degree head rotation
- Versatile tool head positioning lets the user get into tight areas easier
- Ram holds position when trigger is released
- Mechanical ram release
- Audible pressure “pop-off” value

SPECIFICATIONS

Output Force:	6 tons (5.4 metric tons)
Tool Weight:	14 lbs (6.35 kg)
Length:	17.6" (447 mm)
Height:	13.9" (354 mm)
Width:	3.7" (94 mm)
Operating Voltage:	18 V-DC
Recharge Time:	<45 minutes

FOR USE ON

Copper, Aluminum, Compressed, Compact, Stranded, Solid and Flex Conductors

Installs Splices, Taps and Terminations:

#8 - 1000 kcmil Copper
(YA, YA-L, YS, YS-L, YS-T, Y-R)

#8 - 777.7 (750 Nominal Flex Wire Size)
kcmil Flex (YA-FX, YAV, YA-L-FX, YS, YSV-FXB)

#8 - 750 kcmil Aluminum (YA-A, YS-A)

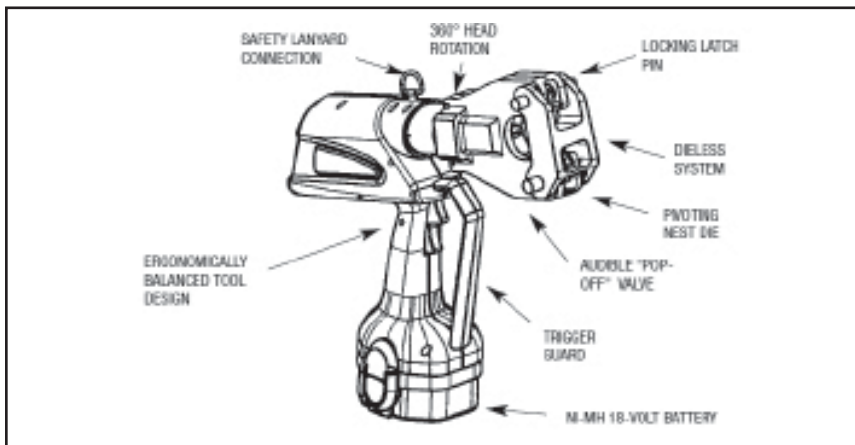
#8 - 750 kcmil Aluminum Pin Adapters (AYP, AYPO)

ACCESSORIES

Battery: Cat# **BAT18V**
(2.6 AH) Hi-capacity Ni-MH

Chargers:
120V-AC Cat# **PATCHGR18V**
12/24V-DC Cat# **BCT/PATDCCHGR**
240/250V-AC Cat# **PATCHGR250V**

Lanyard: Cat# **PT208620**



N-18

4-POINT® PATRIOT®
PAT4PC834-LI

18 Volt Lithium-Ion
Battery Actuated Tool

Hydraulic Self-Contained 6-Ton
4-POINT® Dieless Crimping Tool

The BURNDY® PAT4PC834-LI 4-POINT® dieless C-head Lithium-Ion tool incorporates the latest engineering technology with a refined hydraulic system for ultra performance, speed and reliability. The redesigned field proven electronics provide the ultimate reliability in the harshest work environments. All BURNDY® battery actuated hydraulic tools provide a consistent, reliable connection every time. The PAT4PC834-LI features a C-shaped head design making it ideal for crimping in tight areas and can be easily removed from continuous conductor runs. The dieless capability of this tool eliminates the need to purchase and maintain dies. The crimp head rotates 360° for operation in virtually any position.

The PAT4PC834-LI is supplied with a durable high impact formed carrying case to hold the tool, battery charger, two 18 volt Lithium-Ion batteries and tool retention lanyard. All BURNDY® PATRIOT® 18V series tools are provided with a 5-year limited warranty on the tool and a 1-year warranty on batteries and chargers. All PATRIOT® tools feature the BURNDY® INFINITY DRIVE® transmission which has a lifetime warranty.

PAT4PC834-LI Range Taking Capabilities:

The PAT4PC834-LI provides range taking capabilities that are UL and CSA certified for copper (code, compact and flex) and aluminum (code and compact) conductors when used in conjunction with BURNDY® HYLUG™ terminals and HYLINK™ splices.



Features and Benefits

- Refined hydraulic system for ultra performance, speed and reliability
- Field proven electronics for ultimate reliability in the harshest environments
- Overmolded handle for comfort and improved grip; allows for one-handed operation for advance, retract and hold
- 18-volt Lithium-Ion batteries provide 2.5 times more charge/discharge cycles than traditional Ni-Cd batteries and provide 430% more lifetime work
- 30-minute charger controls current, voltage and temperature to maximize battery life
- Forced air cooling fan cools the battery by forcing cool air through the battery's built in air vents
- Dieless system eliminates the need to purchase and maintain dies
- Dieless system allows connectors and splices to become range taking
- C-shaped head design rotates 360° and allows for easy removal on continuous conductors
- Ergonomically balanced tool design eases operation and helps lessen fatigue

SPECIFICATIONS

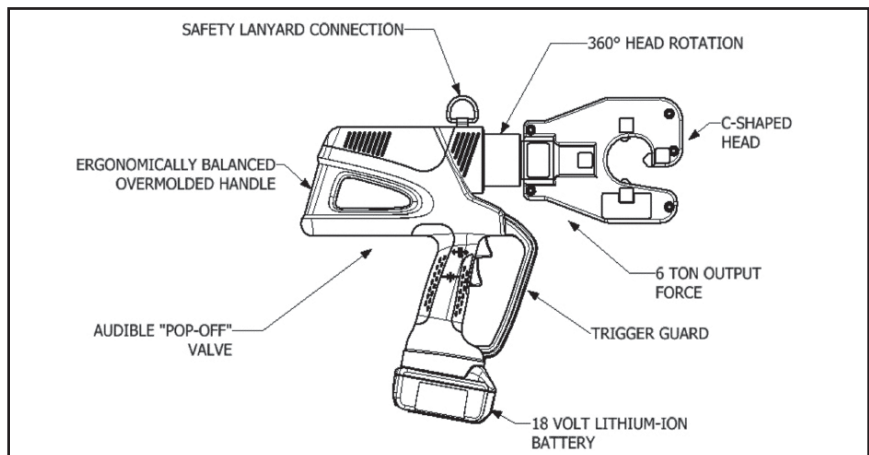
Output Force:	6 ton (5.4 metric tons)
Tool Weight:	13 lbs (5.9 kg) With Battery
Length:	15.6" (39.6 cm)
Width:	3.2" (8.1 cm)
Height:	14.1" (35.8 cm)
Operating Voltage:	18 V-DC
Recharge Time:	30 minutes

FOR USE ON

Copper #8-1000 kcmil	Terminals: YA, YA-L
	Splices: YS-L, YS, YS-T, Y-R
Copper Flex #8-777.7 kcmil Flex (750 Nominal)	Terminals: YA-FX, YAV, YA-L-FX
	Splices: YS, YSV-FXB
Aluminum #8-750 kcmil	Terminals: YA-A, YA-A-TN
	Splices: YS-A
Aluminum #8-750 kcmil	HYPLUG™ AYP, AYPO

ACCESSORIES

Battery:	Cat# BAT18VLI (3.0 AH) Hi-capacity
Chargers: 120V-AC 12/24V-DC	Cat# PATCHGR-LI Cat# PATCHGR-LIDC
Lanyard:	Cat# PT208620



4-POINT® PATRIOT® PAT4PC834-18V

BATTERY ACTUATED TOOL

Hydraulic Self-Contained
6-Ton Dieless Crimping Tool

The BURNDY® PATRIOT® 4-POINT® C-shaped head dieless HYPRESS™ is a battery actuated 6 ton hydraulic crimping tool for use on a wide variety of tap, terminate, and splice compression applications. The dieless capability of this tool eliminates the need to purchase or maintain additional dies. It is compact, fast, easy to use and incorporates the latest in battery tool technology. The ergonomic design allows for one hand operation so that the other is free to position the connector and conductor prior to crimping. The PAT4PC834-18V incorporates a C-shaped head design making it ideal for crimping in tight areas and can be easily removed from continuous conductor runs. The head rotates 360° and is mated to a patented rapid advance pump. The PAT4PC834-18V weighs only 13.8 pounds and delivers 6 tons of crimping force. The result allows for easy tap, termination and splicing of compression connectors.

The PAT4PC834-18V is supplied with a molded high impact carry case, battery charger, lanyard, and two batteries. The PAT4PC834-18V comes with a 5-year limited warranty.

The PAT4PC834-18V provides range taking capabilities that are UL Listed and CSA Certified for Copper (Code, Compact and Flex) and Aluminum (Code and Compact) conductors when used in conjunction with BURNDY® HYLUG™ terminals and HYLINK™ splices.



Features and Benefits

- Dieless installation system
- UL Listed and CSA Certified with range taking capabilities
- C-shaped head Design
- Audible pressure "pop-off" valve and die embossment providing 360° inspectability
- Handle Trigger release
- Advanced high speed pump design
- 360° head rotation
- Durable high impact formed carrying case
- 5-year limited warranty

ACCESSORIES

Battery: Cat# **BAT18V**
(2.6 AH) Hi-capacity Ni-MH

Chargers:
120V-AC Cat# **PATCHGR18V**
12/24V-DC Cat# **BCT/PATDCCHGR**
240/250V-AC Cat# **PATCHGR250V**

Lanyard: Cat# **PT208620**

SPECIFICATIONS

Output Force: 6 ton (5.4 metric tons)
Tool Weight: 13.85 lbs (6.28 kg)
With Battery

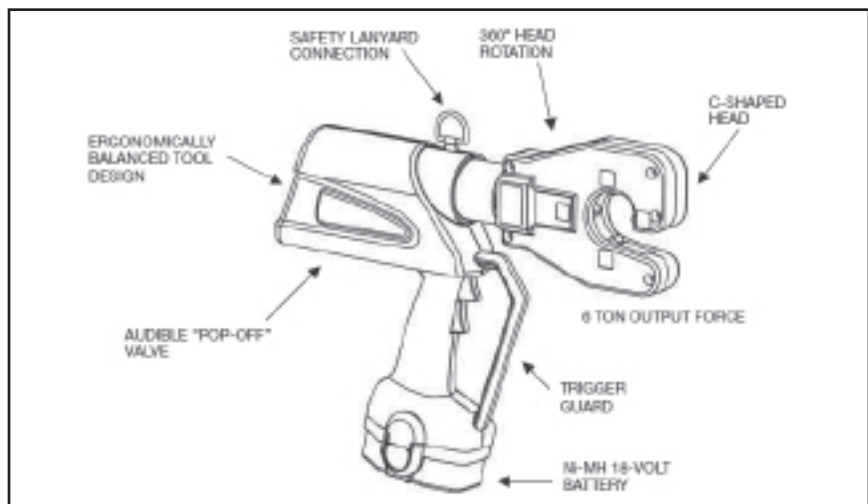
Length: 17.6 in (448 mm)
Height: 13.9 in (354 mm)
Width: 3.7 in (94 mm)
Operating Voltage: 18 V-DC
Recharge Time: <45 minutes

FOR USE ON

Copper, Aluminum, Compressed, Compact, Stranded, Solid and Flex Conductors

Installs Splices, Taps and Terminations:

- #8 - 1000 kcmil Copper (YA, YA-L)
- #8 - 500 kcmil Copper (YS, YS-T, YS-L, Y-R)
- #8 - 777 (750 Nominal Flex Wire Size) kcmil Flex (YA-FX, YAV, YA-L-FX)
- #8 - 535 (500 kcmil nominal flex wire size) kcmil flex (YS, YS-LB, YSV-FXB)
- #8 - 750 kcmil Aluminum (YA-A)
- #8 - 350 kcmil Aluminum (YS-A)
- #8 - 750 kcmil Aluminum Pin Adapters (AYP, AYPO)



PATRIOT® PAT600-LI

**18 Volt Lithium-Ion
Battery Actuated Tool**

Hydraulic Self-Contained
6-Ton Crimping Tool

The BURNDY® PAT600-LI Lithium-Ion tool incorporates the latest engineering technology with a refined hydraulic system for ultra performance, speed and reliability. The redesigned field proven electronics provide the ultimate reliability in the harshest work environments. All BURNDY® battery actuated hydraulic tools provide a consistent, reliable connection every time.

The PAT600-LI battery actuated tool provides 6 tons of crimping force and completes a crimp in approximately 3 seconds. The PAT600-LI incorporates a specialized latch style head with enhanced working stroke and clearance capabilities. The latch-style head allows interference-free closure on tap connections up to the BURNDY® YHD-400 size.

Die selection with the PAT600-LI includes “W”, “X” and “W-VT” style dies which seat in the permanent “D3” crimp groove. Installation applications include #8 AWG to 600 kcmil copper lugs and splices (YA and YS), #8AWG, to 350 kcmil aluminum lugs and splices (YA-A and YS-A) and up to 4/0 aluminum tap connections.

The PAT600-LI is supplied with a durable high impact formed carrying case to hold the tool, battery charger, two 18 volt Lithium-Ion batteries and tool retention lanyard. All BURNDY® PATRIOT® 18V series tools are provided with a 5-year limited warranty on the tool and a 1-year warranty on batteries and chargers. All PATRIOT® tools features the BURNDY® INFINITY DRIVE® transmission which has a lifetime warranty.



Features and Benefits

- Refined hydraulic system for ultra performance, speed and reliability
- Field proven electronics for ultimate reliability in the harshest environments
- Overmolded handle for comfort and improved grip; allows for one-handed operation for advance, retract and hold
- 18-volt Lithium-Ion batteries provide 2.5 times more charge/discharge cycles than traditional Ni-Cd batteries and provide 430% more lifetime work
- 30-minute charger controls current, voltage and temperature to maximize battery life
- Forced air cooling fan cools the battery by forcing cool air through the battery’s built in air vents
- Specialized latch design allows interference free closure on tap connections
- Permanent “D3” crimp grooves accepts “W”, “X” and “W-VT” dies
- **PAT600C-LI** with covered head is available
- State of the art crimping head design, 180° head rotation lets user get into tight areas easier
- Ergonomically balanced tool design eases operation and helps lessen fatigue

SPECIFICATIONS

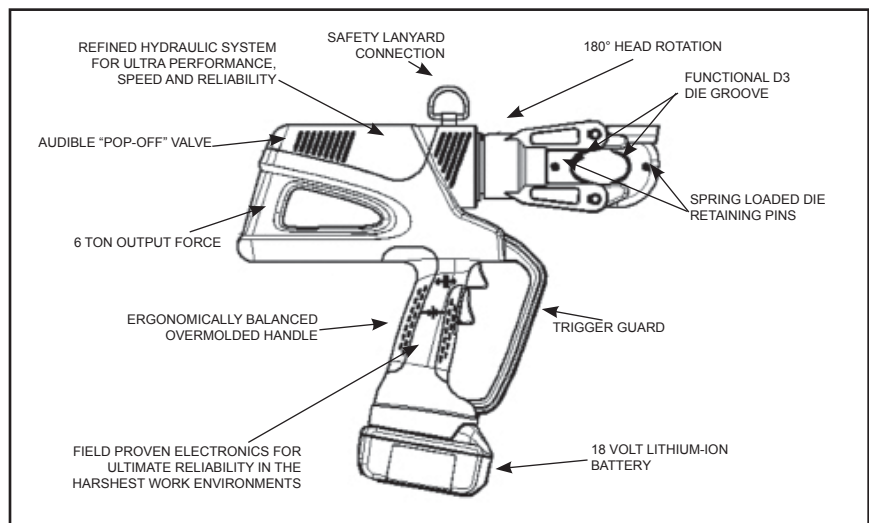
- Output Force:** 6 tons (5.4 metric tons)
- Tool Weight:** 10.1 lbs (4.5 kg)
With Battery
- Length:** 14.5" (36.8 cm)
- Width:** 3.5" (8.9 cm)
- Height:** 13.7" (34.9 cm)
- Operating Voltage:** 18 V-DC
- Recharge Time:** 30 minutes

FOR USE ON

- Copper**
#8-600 kcmil
Terminals: YA, YA-L
Splices: YS-L, YS, YS-T, Y-R
- Copper Flex**
#8-350 kcmil Flex
Terminals: YA-FX, YAV, YA-L-FX
Splices: YS, YSV-FXB
- Aluminum**
#8-350 kcmil
Terminals: YA-A, YA-A-TN
Splices: YS-A

ACCESSORIES

- Battery:** Cat# **BAT18VLI**
(3.0 AH) Hi-capacity
- Chargers:** 120V-AC Cat# **PATCHGR-LI**
12/24V-DC Cat# **PATCHGR-LIDC**
- W Die Holder** Cat# **WDIETREE**
- Lanyard:** Cat# **PT208620**



PATRIOT® PAT600-18V

BATTERY ACTUATED TOOL

Hydraulic Self-Contained
 6-Ton Crimping Tool

The BURNDY® PAT600-18V battery powered crimping tool provides a powerful 6 tons of crimping force and completes a crimp in approximately 3 seconds. The PAT600-18V is compact, easy to use and incorporates the latest in battery tool technology. The PAT600-18V tool incorporates a specialized latch style head with enhanced working stroke and clearance capabilities. The specialized head allows interference-free closure on tap connections up to the BURNDY® YHD-400 size including 350 kcmil aluminum connectors. Die selection with this tool includes all BURNDY® “W” and “W-VT” style dies which seat in the permanent “D3” crimping groove. Installation applications include #8 AWG to 600 kcmil copper lugs and splices (YA and YS), #8 AWG to 350 kcmil aluminum lugs and splices (YA-A and YS-A), and up to 4/0 aluminum tap connections. The permanent “D3” groove and 180 degree rotatable head are standard on the PAT600-18V.

Each PAT600-18V tool uses BURNDY® dies and off-the-shelf connectors available worldwide. The PAT600-18V comes equipped with a high impact formed carrying case to hold the tool, a battery charger and two batteries. The case houses up to 10 “W” dies (dies purchased separately). The PAT600-18V uses industry standard batteries and chargers. The PAT600-18V comes complete with a 5-year limited warranty and 1-year on batteries and charger.



Features and Benefits

- Battery powered crimp technology
- Advance design high speed pump completes crimp in approximately 3 seconds
- Ergonomic design allows one hand operation for ram advance and ram retraction
- Variable speed trigger
- Ram holds position when trigger is released
- Mechanical ram release
- Specialized latch head design for enhanced clearance on tap connectors
- 180 degree head rotation
- Uses 18 volt Ni-MH batteries
- Audible pressure “pop-off” valve
- Permanent D3 crimp groove accepts all “W-Dies”
- **PAT600C-18V** with covered head is available
- Durable high impact formed carrying case
- 5-year limited warranty on tool, 1-year on batteries and charger

SPECIFICATIONS

Crimp Force:	6 tons (5.4 metric tons)
Tool Weight:	10.9 lbs (4.9 kg) With Battery
Length:	14.5 in (36.8 cm)
Width:	3.5 in (8.9 cm)
Height:	13.75 in (34.9 cm)
Operating Voltage:	18 V-DC
Crimp Time:	Approx. 3 seconds
Recharge Time:	< 45 minutes

FOR USE ON

Copper, Aluminum, ACSR. Steel, Copperweld, Alumoweld, 6201, 5005, Compressed, Compact, Stranded & Solid

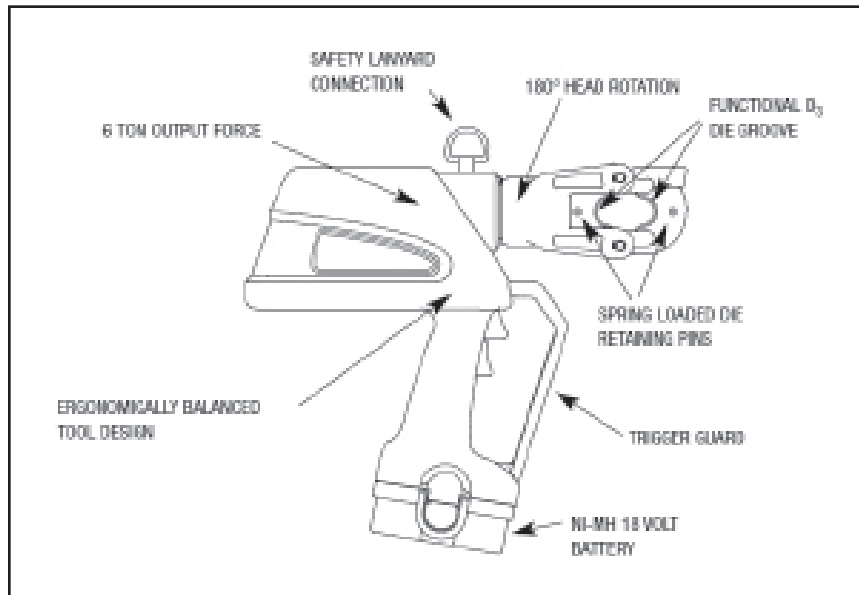
Installs Splices, Taps and Terminations:

- #8 - 600 kcmil Copper Stranded (YA, YA-L, YS, YS-L)
- #8 - 350 kcmil Flex
- #8 - 350 kcmil Aluminum (YA-A, YS-A)

ACCESSORIES

Battery:	Cat# BAT18V (2.6 AH) Hi-capacity Ni-MH
W Die Holder	Cat# WDIETREE
Chargers:	120V-AC Cat# PATCHGR18V 12/24V-DC Cat# BCT/PATDCCHGR 240/250V-AC Cat# PATCHGR250V
Lanyard:	Cat# PT208620

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**PATRIOT® IN-LINE®
HIGH PERFORMANCE
PATMD6-LI SERIES**

**18 Volt Lithium-Ion
Battery Actuated Tool**

Hydraulic Self Contained
6-Ton Crimping Tool

The BURNDY® PATRIOT® High Performance IN-LINE® series of tools are approximately 80% faster than previous models. In addition to faster crimp cycles, the high performance IN-LINE® PATMD6-LI series is offered with 18 volt Lithium-Ion technology.

The BURNDY® High Performance IN-LINE® tools are battery actuated and can be operated with one hand allowing for advance, retract and hold functions for easier operation. One hand operation allows the operator one free hand to position the connector and conductor while crimping. The PATMD6-LI series of tools complete a crimp (YS28 4/0 copper cable) in approximately 2 seconds. This design provides a consistent, reliable connection every time.

The High Performance IN-LINE® tools feature interchangeable MD6 series jaws, capable of using “W” and “X” style dies in the permanent D3 groove. The PATMD6-K-LI accepts KEARNEY™ type “O” dies and BURNDY® “W” and “X” style dies with KWADP adapter. When ordering choose the tool that best suits your crimping needs. The IN-LINE® tools feature 350° rotatable heads for operation in virtually any position.

Each High Performance IN-LINE® tool uses standard BURNDY® dies and off-the-shelf connectors available world-wide. IN-LINE® tools are supplied with a durable vinyl tool bag, battery charger and two batteries.

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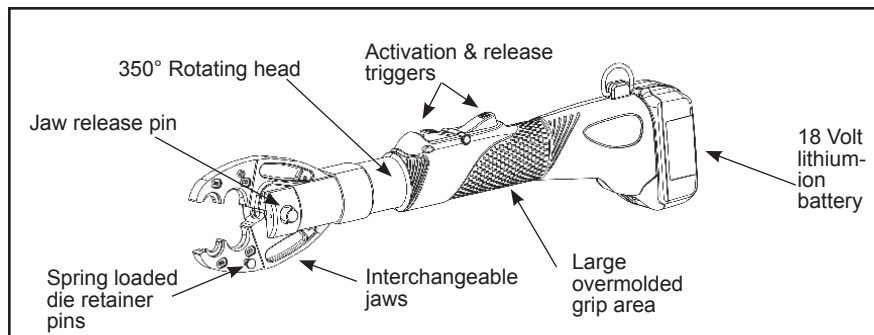


Features and Benefits

- 18 volt Lithium-Ion batteries provide 2.5 times more charge/discharge cycles than traditional Ni-Cd batteries and provide 430% more lifetime work
- Overmolded handle for comfort and improved grip even when wearing gloves
- 30-minute battery charger controls current, voltage and temperature to maximize battery life
- True, one handed operation for advance, retract and hold
- Pressure “pop-off” valve indicates completion of crimp
- Interchangeable scissor action crimp jaws allow easier access to tight spaces
- Ram holds position when trigger is released to allow the operator to check alignment prior to crimping
- Ergonomically balanced tool design helps lessen operator fatigue
- High capacity 3.0 AH batteries provide more crimps per charge
- 5-year limited warranty on tool
- Lifetime warranty on INFINITY DRIVE®
- 1-year warranty on batteries and charger

**PATRIOT® IN-LINE® Cut/Crimp Kits:
All with Cutter Jaws, 2 Batteries and Charger**

PATMD6LICUTKIT1	BG & D3 Grooves, hard case
PATMD68LICUTKIT1	O & D3 Grooves, hard case
PATMD66LICUTKIT1	D3 Groove (snub), hard case
PATMD6LIWCJ	BG & D3 Grooves, soft case
PATMD68LIWCJ	O & D3 Grooves, soft case
PATMD66LIWCJ	D3 Groove (snub), soft case



SPECIFICATIONS

Output Force:	6 tons (5.4 metric tons)
Tool Weight:	7.8 lbs (3.5kg) With Battery
Length:	20.91" (53.11 cm)
Width:	3.69" (9.37 cm)
Height:	5.48" (13.91 cm)
Operating Voltage:	18 V-DC
Recharge Time:	30 minutes

FOR USE ON

Copper, Aluminum, ACSR, Steel, Copperweld, Alumoweld, 6201, 5005, Compressed, and Compact conductors
Copper Taps: #10 solid - 2/0 stranded
Aluminum and ACSR Taps: #14 solid - 4/0 ACSR
Stirrups: #6 - 4/0 ACSR
Overhead Full Tension Deadends, Full Tension Splices and Terminals: #10 stranded - 4/0 ACSR
Installs splices, taps or terminations:
 #8 - 500 kcmil Copper Stranded (YA, YA-L, YS, YS-L)
 #8 - 350 kcmil Copper Flex
 #8 - 350 kcmil Aluminum (YA-A, YS-A)

Interchangeable Jaw Assemblies:

PATJAWSMD6	BG and D3 Grooves
PATJAWSMD6-8	O and D3 Grooves
PATJAWSMD6-6	D3 Groove only (snub-nose)
PATJAWSMD6K	KEARNEY™ Groove (snub)
PATJAWSCUT	Cutter Jaw Set

Jaw Covers: **PATMD6JC, PATMD66JC, PATMD6KJC**

ACCESSORIES

Battery:	Cat# BAT18VLI (3.0 AH) Hi-capacity LI
Chargers:	120V-AC Cat# PATCHGR-LI 12/24V-DC Cat# PATCHGR-LIDC
Cutter Dies:	Cat# W28K For cutting 4 - 4/0 Copper, Aluminum and ACSR

PATRIOT® IN-LINE® VARIATIONS:

PATMD6-LI	BG and D3 Grooves
PATMD6-8-LI	O and D3 Grooves
PATMD6-6-LI	D3 Groove only (snub-nose)
PATJMD6-K-LI	KEARNEY™ Groove (snub) (KEARNEY™ O dies; BURNDY® W and X with KWADP adapter)

PATRIOT® IN-LINE® PATMD6-14V SERIES HIGH PERFORMANCE

BATTERY ACTUATED TOOL

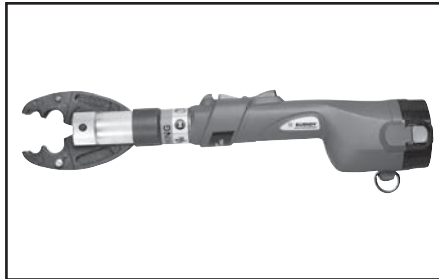
Hydraulic Self Contained
6-Ton Crimping Tool

The BURNDY® PATRIOT® High Performance PATMD6-14V series of tools are approximately 80% faster than previous models. In addition to faster crimp cycles, the High Performance PATMD6-14V series tools have newly designed electronics that are field proven for ultimate reliability to handle the harshest work environments.

The BURNDY® High Performance IN-LINE® tools are battery actuated and can be operated with one hand allowing for advance, retract and hold functions for easier operation. One hand operation allows the operator one free hand to position the connector and conductor while crimping. The High Performance PATMD6-14V series of tools incorporate a high speed hydraulic pump generating 6 tons of crimping force and completes a crimp (YS28 4/0 copper cable) in approximately 2 seconds. This design provides a consistent, reliable connection every time.

The High Performance IN-LINE® tools feature interchangeable MD6 series jaws, capable of using "W" and "X" style dies in the permanent D3 groove. The PATMD6-K-14V accepts KEARNEY™ type "O" dies and BURNDY® "W" and "X" style dies with KWADP adapter. The IN-LINE tools feature 350° rotatable heads for operation in virtually any position.

Each High Performance IN-LINE® tool uses standard BURNDY® dies and off-the-shelf connectors available world-wide. IN-LINE® tools are supplied with carrying case, battery charger, two batteries and die compartment to hold dies. (Dies are sold separately.)



Features and Benefits

- Refined hydraulic system for ultra performance, speed and reliability.
- Field proven electronics for ultimate reliability in the harshest environments.
- Pressure "pop-off" valve indicates completion of crimp.
- Interchangeable scissor action crimp jaws allow easier access to tight spaces.
- Ram holds position when trigger is released to allow the operator to check alignment prior to crimping.
- Large hand grip area allows easier operation with gloves.
- Ergonomically balanced tool design helps lessen operator fatigue.
- Durable high impact formed carrying case.
- High capacity 2.6 AH batteries provide more crimps per charge.
- 5-year limited warranty on tool.
- Lifetime warranty on INFINITY DRIVE®
- 1-year warranty on batteries and charger

KEARNEY™ is a registered trademark of COPPER TECHNOLOGIES COMPANY.

PATRIOT® IN-LINE® VARIATIONS:

- | | |
|----------------------|--|
| PATMD6-14V | BG and D3 Grooves |
| PATMD6-8-14V | O and D3 Grooves |
| PATMD6-6-14V | D3 Groove only (snub-nose) |
| PATJMD6-K-14V | KEARNEY™ Groove (snub) (KEARNEY™ O dies; BURNDY® W and X with KWADP adapter) |

SPECIFICATIONS

Output Force:	6 tons (5.4 metric tons)
Tool Weight:	7.8 lbs (3.5kg) With Battery
Length:	20.91" (53.11 cm)
Width:	3.69" (9.37 cm)
Height:	5.48" (13.91 cm)
Operating Voltage:	14.4 V-DC
Recharge Time:	< 45 minutes

FOR USE ON

Copper, Aluminum, ACSR, Steel, Copperweld, Alumoweld, 6201, 5005, Compressed, and Compact conductors
Copper Taps: #10 solid - 2/0 stranded
Aluminum and ACSR Taps: #14 solid - 4/0 ACSR
Stirrups: #6 - 4/0 ACSR
Overhead Full Tension Deadends, Full Tension Splices and Terminals: #10 stranded - 4/0 ACSR
Installs splices, taps or terminations:
 #8 - 500 kcmil Copper Stranded (YA, YA-L, YS, YS-L)
 #8 - 350 kcmil Copper Flex
 #8 - 350 kcmil Aluminum (YA-A, YS-A)

ACCESSORIES

Battery: Cat# **BAT14V**
(2.6 AH) Hi-capacity Ni-MH

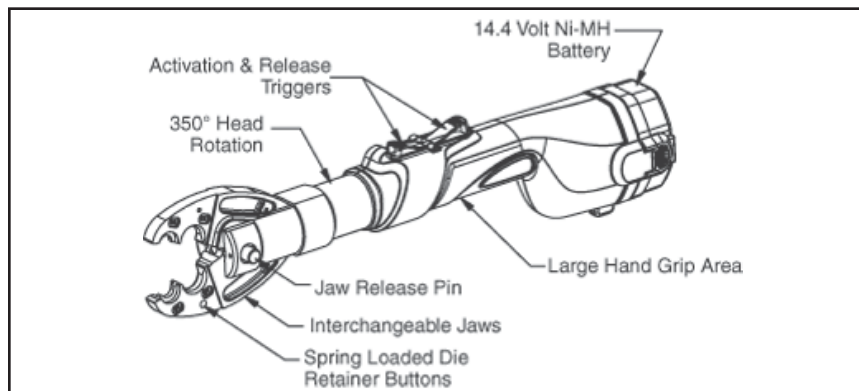
Chargers:
 120V-AC Cat# **PATCHGR18V**
 12/24V-DC Cat# **BCT/PATDCCHGR**
 240/250V-AC Cat# **PATCHGR250V**

Cutter Dies: Cat# **W28K**
For cutting 4 - 4/0 Copper, Aluminum and ACSR

Interchangeable Jaw Assemblies:

PATJAWSMD6	BG and D3 Grooves
PATJAWSMD6-8	O and D3 Grooves
PATJAWSMD6-6	D3 Groove only (snub-nose)
PATJAWSMD6K	KEARNEY™ Groove (snub)
PATJAWSCUT	Cutter Jaw Set

Jaw Covers: **PATMD6JC, PATMD66JC, PATMD6KJC**



**Y750HSXT AND
Y750CHSXT RUBBER
COVERED HEAD**

750 REVOLVER HYPRESS™

Hydraulic Hand Operated Tool
12-Ton Crimp Force

Conductor Range:
#14 - 750 kcmil Cu/Al
#4 - 556.5 kcmil ACSR

The BURNDY® Y750HSXT Series HYPRESS™ is a wide mouth (1.65") hand operated hydraulic 12 ton crimping tool for use on virtually all compression applications. The C-shaped head rotates 355° relative to the handle and is mated to a patented rapid advance pump. The Y750HSXT provides easy tapping, splicing, and terminating of overhead lines, the full line of HYGROUND® compression grounding connectors, NEC cable connections, and N30 - N650 Navy cable connections.

The Y750HSXT accepts all BURNDY® "U" dies for use on conductor ranges of #14 - 750 kcmil AL/CU and #4 - 556.5 kcmil ACSR conductors.

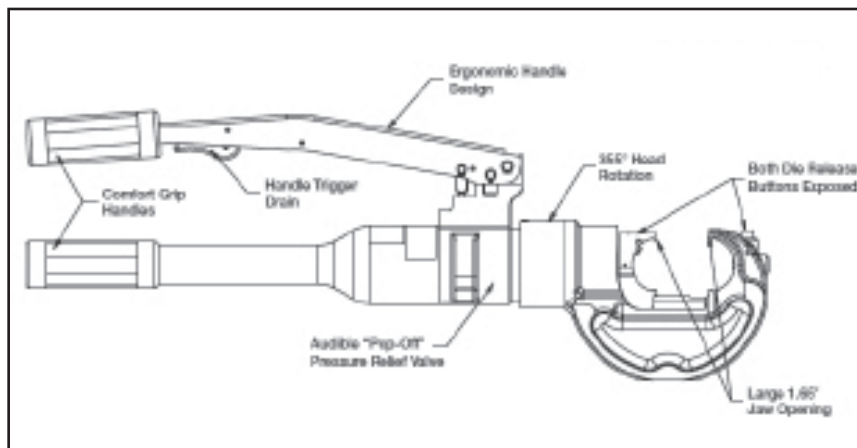
The Y750CHSXT HYPRESS™ has a rubber covered head and handles for tool impact protection.

Each Y750HSXT uses standard BURNDY® dies and off-the-shelf connectors available worldwide. Supplied with a durable high impact formed carrying case to hold the tool, and die compartment to hold "U" die sets. (Dies sold separately.) All BURNDY® Y750HSXT series tools are provided with a 5-year limited warranty.



Features and Benefits

- Covers a wide range of applications with a lightweight, self-contained system and provides easy tool removal from continuous conductors with its C-shaped head
- Easy tool positioning with its 355° head rotation
- Patented rapid advance pump for faster crimps
- Exposed positive die lock buttons for easy die change out and die retention
- Handle trigger drain for convenient ram retraction
- Quality assurance is provided with an audible "Pop-Off" pressure relief valve
- Comfort grip handles help ease operator fatigue with continuous use
- Long life expectancy from the company that provided the industry with the first self-contained hydraulic tool in 1934
- Rubber covered head and handles on **Y750CHSXT** for tool impact protection
- Supplied with high impact plastic carrying case
- 5-year limited warranty



SPECIFICATIONS

Force developed:	12 tons
Weight:	14.5 lbs (6.6 kg)
Length:	23.96" (608 mm)
Height:	2.86" (78 mm)
Width:	8.71" (222 mm)
Jaw opening:	1.65" (42 mm)

FOR USE ON

- Tension Sleeves

Copper	#8 sol. - 500 kcmil
Aluminum	#8 sol. - 556.5 kcmil
ACSR	#4 - 556.5 kcmil
- Taps

Copper	#14 sol. - 500 kcmil
Aluminum	#8 - 500 kcmil
- Aerial Cable

Copper	#6 - 500 kcmil
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- Terminals & Splices

Aluminum	#8 - 750 kcmil
Copper	#8 - 750 kcmil
ACSR	#4 - 556 kcmil
- HYGROUND® (Compression Grounding)

Copper	#8 - 500 kcmil (cable/ground rod)
Ground Rods	1/2" - 1" Diameter

ACCESSORIES:

<u>Cat. No.</u>	<u>Description</u>
Y750HSCASE	Plastic Carrying Case for Y750HSXT or Y750CHSXT.
FORCEGAUGE12-15	Force test gauge for accurate visual reading of output force.
PT29291	Die Case Steel case for storage and protection of "U" dies.
WIREMIKE	Provides quick and easy identification of commonly used conductors.

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Y35 AND Y35-2

HYPRESS™

Hand-Operated Hydraulic Tool

The Y35 HYPRESS™ Tool incorporates a C-shaped, rotatable head for overhead line work and compression grounding applications. The hook style head with extensive ram travel provides for easy tapping and splicing of overhead lines as well as HYGROUND® compression grounding systems.

The Y35-2 HYPRESS™ head, body and handles are covered with 3/16" rubber for tool impact protection.

Order the hot-line handle assembly, "U" dies and accessories separately. 5-year limited warranty.

Features and Benefits

- Compact "C" shaped head allows easy placement and removal from continuous conductor lengths
- Easy to position tool for work with 180° head rotation
- Versatile and economical-tool works with all commonly used copper, aluminum and ACSR conductors from #6 str. to #556.5 26/7 stranding
- Body and handles covered with 3/16" molded rubber for tool impact protection
- Easy die change accomplished with push button die locks
- Quality assurance is provided with automatic 10,000 PSI blow-off pressure release valve for positive crimping



(Continued)

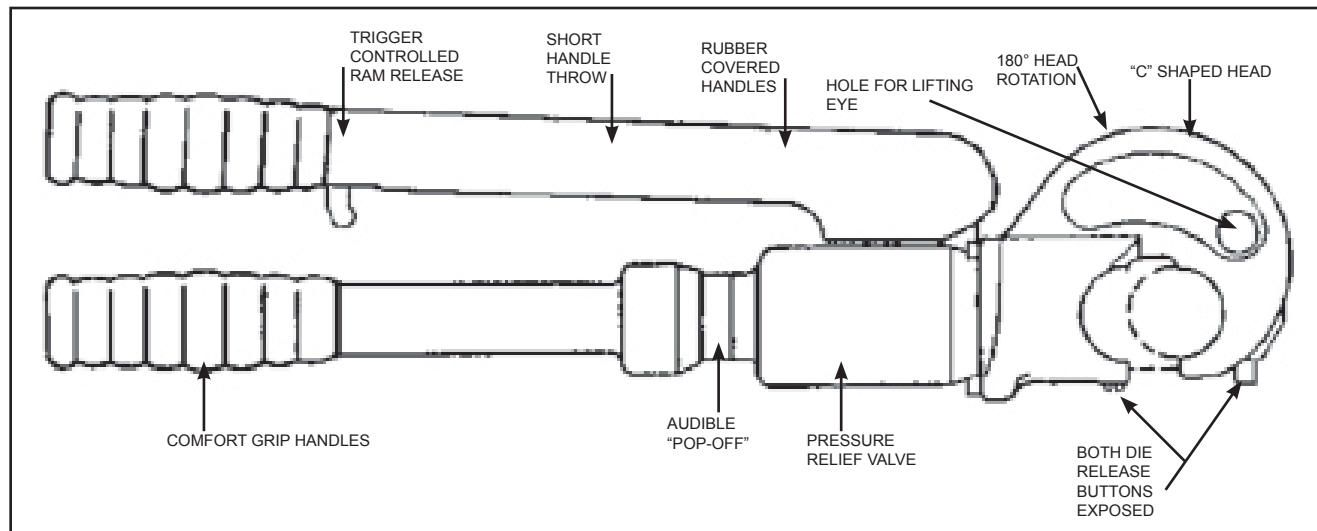
- Rapid ram advance reduces installation time by eliminating need to pump handles to advance ram to connector
- Saves installation time with trigger controlled return release which returns ram to its preset starting point
- Long continuous usage is aided with comfort grip handles
- Compression terminal and splice connectors are UL Listed and CSA Certified when installed with recommended die set
- 5-year limited warranty

SPECIFICATIONS

	<u>Y35</u>	<u>Y35-2</u>
Force developed:	12 tons	12 tons
Operating pressure:	10,000 PSI	10,000 PSI
Weight (less case):	13 lbs.	13-1/2 lbs
Overall length:	23-1/4"	24"
Head width:	4-3/4"	6"
Molded Covering:	Body & Handles	Head, Body and Handles

FOR USE ON

Copper #8 str.-500 kcmil Code Cables	Terminals-grounding YGH, YGHA, YGF Splices-grounding YGS, YGHS
Copper #8 str.-500 kcmil and up to 3/4" ground rod	Taps-grounding YGHC-C, YGHP-C YGHR-C
Copper #8 str.-750 kcmil Code Cables N30-N500 Navy Cables Flexible and Extra Flex	Terminals Uninsulated YA, YA-2N, YA-L, YA-LB YA-2LN Terminals Insulated YAEV-L Box, YAEV-L YAEV-H, YAEV-RS, YAEV-RH Splices To Size 400 kcmil YS, YS-T, YS-L YS-LB, YSV-L Box YSV-L, YSM
Aluminum #8 str.-750 kcmil Code Cables	Terminals YA-A AYP, AYPO Splices To Size 350 kcmil YSA, YRB, YS-AT
ACSR	See Burndy Overhead Transmission and Distribution Catalog Module



Y35 SERIES
ACCESSORIES

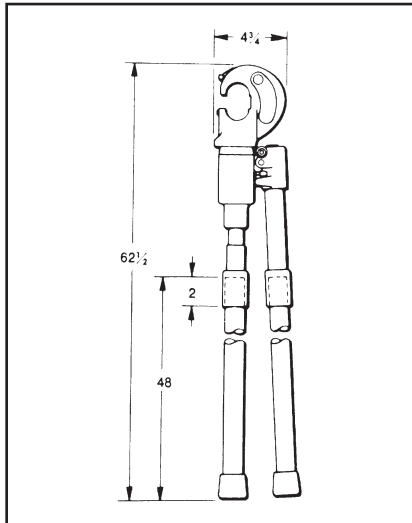


PT 29279-2
Force Test Gauge

The PT 29279-2 Force Test Gauge is designed to provide an accurate visual reading of the output force produced by the hand-hydraulic Y35, Y35-2, Y39 and Y750 HYPRESS™ tools. It is not recommended for any remote powered HYPRESS™ heads such as the Y35BH. The PT29279-2 Force Test Gauge is factory calibrated and inspected to very stringent tolerances providing the customer accuracy and an excellent means for quality assurance control. Supplied with padded storage case.

Features and Benefits

- Easy to read dial
- Provides means for quality assurance control
- Blank (test) "U" dies are provided for testing procedure
- Tool output force is applied to load cell for visual read out of the resulting force on the dial
- An easy to read operating and maintenance manual is included



Cat. No. HH5-RL48
Hot-Line Handle Assembly

The HH5-RL48 is a 48" long fiberglass handle assembly that easily attaches to a standard Y35 HYPRESS™ tool. Rotation of the handles controls the rapid ram advance and release mechanisms. The handles are rated at 100KV per foot for five minutes. The Catalog Number does not include the Y35. For factory assembled unit order Catalog Number Y35-16.



Cat. No. PT6733
Hot-Line Tool (Heavy-Duty)
Carrying Bag

The PT6733 is a heavy-duty, adjustable canvas bag for the storage and protection of hot-line tools. The bag accommodates 48" through 72" variations of the Y35 and MD6 hot-line tools.



Cat. No. PT29291
Die Case

Steel case designed for storage and protection of "U" dies used with the Y35 and other BURNDY® tools. Holds 15 die sets. Length 9-1/2", width 6", height 1-1/2". Dies sold separately.

Y34B Indentor Adaptor:

To use Y34 indentors in a Y35, Y39, or Y750 tool.

Cat. No. Y35P3

Seal Repair Kit:

Cat. No. Y35/Y39 REP KIT A

Steel Carrying Cases:

Cat. No. PT2972 for Y35

Cat. No. PT29360 for Y35-2

Y39

HYPRESS™

Hand-Operated Hydraulic Tool

The versatile, lightweight Y39 weighs 13 lbs. and its small 3-1/8" wide head rotates 180° for convenience and flexibility. The tool provides 12 tons of crimping power, while its built-in overload valve automatically releases pressure when the crimp is completed.

The Y39 is designed for easy die insertion and removal without ball checks or set screws. Its rapid ram advance and trigger-controlled release eliminate unnecessary pumping after every crimp. 5-year limited warranty.



SPECIFICATIONS

Force developed:	12 tons
Operating force:	10,000 PSI
Weight-less case:	12 lbs
Overall length:	23"
Max. head width:	3-1/8"
Die accommodation:	U-dies

FOR USE ON

Copper

#6 AWG -750 kcmil str.
Code Cable
N30 - N650 Navy Cable
Flexible and Extra Flexible
Terminals -Uninsulated
YA, YA-L, YA-LB, YGH, YGHA
Splices & Tees - Uninsulated
YS, YS-L, YS-LB, YS-T, YSP-T, YST

Copper- AN or AIR

#6 AWG-#4/0 str. Code Cable
AN6-AN #4/0 Aircraft Cable
Flexible and Extra Flexible
Terminals - Uninsulated
YAV-L Box, YAV-L, YAV-RS Box, YAV-RS
Splices - Uninsulated
YSV-L Box, YSV-L

Copper-Insulated Terminals

#8 AWG - #2/0 str. Code Cable
AN8 - AN #2/0 Aircraft Cable
Flexible and Extra Flexible
Terminals-Insulated
YAEV-L Box, YAEV-L, YAEV-RS Box,
YAEV-RS, YAEV-RH

Copper-Taps

#12 AWG Solid-250 kcmil
Taps: YC-C, YGHC -C, YGHP -C, YGHR -C

Aluminum

#8 AWG-750 kcmil str.
Code Cable
Terminals: YA-A
Splices: YS-A, YS-AT, YRB

Aluminum

#6 str.-500 kcmil
Taps: YFD, YFN, YFO

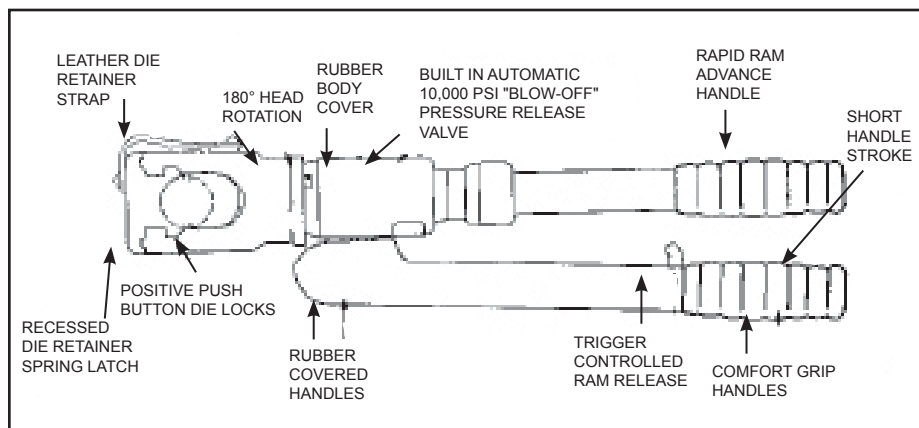
Features and Benefits

- Easy to work in small tight spaces with only a 3-1/8" wide compression head and short handle throw
- Easy to position tool for work with 180° head rotation
- Versatile and economical tool works on all commonly used copper and aluminum conductors from #6 str. to 750 kcmil
- Body and handles covered with 3/16" rubber
- Easy to locate and hold dies in position with the positive push button die locks plus die changing is accomplished easily without ball checks or set screws
- Easy to remove or lock into position die holder with recessed spring latch plus leather strap to prevent loss
- Quality assurance is provided with automatic 10,000 psi "blow off" pressure release valve for positive crimping

(Continued)

- Rapid ram advance eliminates requirement for pumping handles to advance ram to connector
- Trigger release allows ram to return to preset position
- Long continuous usage is aided with comfort grip handles
- Compression terminal, tap and splice connectors are UL Listed and CSA Certified when installed with the Y39 tool and recommended die set
- 5-year limited warranty

N-28



Y644HSXT
DIELESS HYPRESS™

THE “1” CRIMP
RANGE TAKING TOOL

Hydraulic Hand Operated Tool
11-Ton Crimp Force

#6 - 1000 kcmil Copper
HYLUG™ Terminals and
HYLINK™ Splices

#6 - 750 kcmil Aluminum
HYLUG™ Terminals and
HYLINK™ Splices

The Y644HSXT dieless HYPRESS™ is a hand operated 11 ton hydraulic crimping tool. Only 1 crimp is required for each wire termination for both long and standard length barrels on HYLUG™ terminals and HYLINK™ splices.

The Y644HSXT has a latch style head which provides easy tool removal from continuous conductor runs. The head rotates 355° relative to the handles and is mated to a patented rapid advance pump. The Y644HSXT weighs only 15 pounds and delivers 11 tons of crimping force. The result is easy terminating and splicing using BURNDY® HYLUG™ and HYLINK™ terminals and splices.



Features and Benefits

- Dieless system, eliminates the need to purchase and maintain dies
- Patented rapid advance pump for faster crimps
- Pressure relief “Pop-Off” valve provides audible indication that crimp is complete
- Handle trigger drain for convenient ram retraction
- 355° head rotation for versatile tool head positioning in tight areas
- Easy inspection and positive identification is provided with the BURNDY® “S” logo
- Comfort grip handles help ease fatigue with continuous use
- Supplied with high impact plastic carrying case
- 5-year limited warranty

SPECIFICATIONS

Output Force: 11 tons
Tool Weight: 15 lbs (5.6 kg)
Length: 23.20" (589 mm)
Height: 3.00" (76 mm)
Width: 7.04" (179 mm)

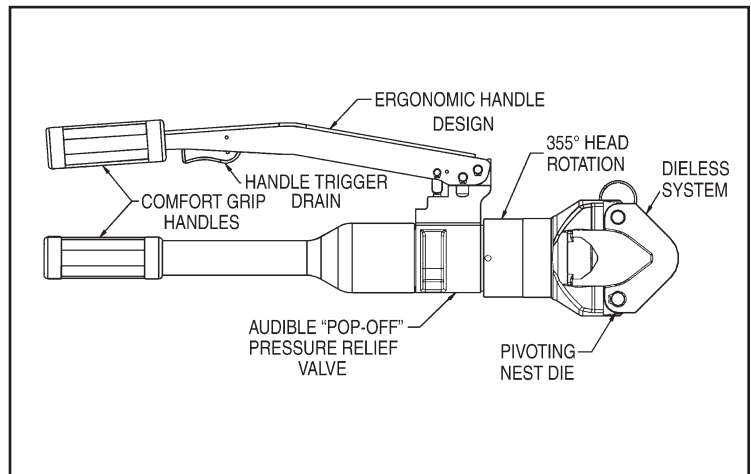
FOR USE ON

AWG/kcmil Size Range	Connector Type
Copper #6 - 1000 kcmil	Terminals YA-L, YA-2LN, YA, YA-FXB YA-2N, YA-L-2TC, YA-L-FX YAB-4N, YA-L-TC, YA-2L, YA-4N, YEV-P-FX, YE-P, YE-P-FX Splices YS-L, YS, YS-T
Aluminum #6 - 750 kcmil	Terminals YA-A, YA-A-TN Splices YS-A
Aluminum #6 - 750 kcmil	HYPLUG™ AYP, AYP0

ACCESSORIES

Cat. No.	Description
WIREMIKE	Provides quick and easy identification of commonly used conductors.
Y644HSCASE	Plastic carrying case.

Aluminum Connectors		Copper Connectors	
Standard Wire Size	Expanded Wire Range	Standard Wire Size	Expanded Wire Range
#6 AWG	#6 AWG	#6 AWG	#6 AWG
#5 AWG	#5-#6 AWG	#5 AWG	#5-#6 AWG
#4 AWG	#4-#6 AWG	#4 AWG	#4-#6 AWG
#3 AWG	#3-#6 AWG	#3 AWG	#3-#6 AWG
#2 AWG	#2-#6 AWG	#2 AWG	#2-#6 AWG
#1 AWG	#1-#2 AWG	#1 AWG	#1-#2 AWG
1/0 AWG	1/0-#1 AWG	1/0 AWG	1/0-#6 AWG
2/0 AWG	2/0-#1 AWG	2/0 AWG	2/0-#4 AWG
3/0 AWG	3/0-#1 AWG	3/0 AWG	3/0-#2 AWG
4/0 AWG	4/0-#1 AWG	4/0 AWG	4/0-#1 AWG
250 kcmil	250-1/0 AWG	250 kcmil	250-1/0
300 kcmil	300-2/0 AWG	300 kcmil	300-2/0
350 kcmil	350-3/0 AWG	350 kcmil	350-3/0
400 kcmil	400-4/0 AWG	400 kcmil	400-4/0
500 kcmil	500-4/0 AWG	500 kcmil	500-4/0
600 kcmil	600-250 kcmil	600 kcmil	600-250
750 kcmil	750-500 kcmil	750 kcmil	750-500
		800 kcmil	800-500
		1000 kcmil	1000-750



Y644HSXT Dieless HYPRESS™ Range Taking Capabilities. The following size HYDENT™ lugs and two way splices, when crimped with the Y644HSXT Dieless HYPRESS™ Tool, produce the following UL Listed range taking capabilities, see chart to the left.

4-POINT® Y81KFT

DIELESS HYPRESS™

Hydraulic Hand Operated
Crimping Tool

#8 – 1000 kcmil Copper HYLUG™
Terminals and HYLINK™ Splices

#8 – 750 kcmil Aluminum HYLUG™
Terminals and HYLINK™ Splices

The Y81KFT 4-POINT® dieless HYPRESS™ is a hand operated 6 ton hydraulic crimping tool for use on a wide variety of terminal and splice compression applications. The Y81KFT incorporates a dieless latch style head that provides easy tool removal from continuous conductor runs and eliminates the need to purchase and maintain dies. The head rotates 360° relative to the handles and is mated to a patented rapid advance pump. The Y81KFT weighs only 12 pounds and delivers 6 tons of crimping force. The result is easy termination and splicing using BURNDY® HYLUG™ and HYLINK™ terminals and splices.

The Y81KFT is supplied with a molded high impact plastic case and comes complete with a 5-year limited warranty.

Y81KFT dieless HYPRESS™ Range Taking Capabilities: The Y81KFT provides range taking capabilities that is UL Listed and CSA Certified for Copper (Code, Compact and Flex) and Aluminum (Code and Compact) conductors when used in conjunction with BURNDY® HYLUG™ terminals and HYLINK™ splices. See chart for connector, conductor and range taking combinations in section C.



Features and Benefits

- Dieless installation system
 - ◊ Eliminates the need to purchase and maintain dies
- UL Listed and CSA Certified with Range Taking Capabilities
 - ◊ Provides the installer with a UL Listed and CSA Certified crimps with Range Taking Capabilities when used in conjunction with BURNDY® HYLUG™ Terminals and HYLINK™ Splices
- Flip top head design
 - ◊ For easy loading and removal of installed terminals and splices, saving time
- Audible pressure “pop-off” valve and die embossment providing 360° inspectability
 - ◊ Assures proper crimps with both audible and visual indicators for the installer
- Handle Trigger release
 - ◊ Convenient ram release located in the handle

SPECIFICATIONS

Output Force:	6 tons (12,000 lbs) (5450 kg)
Weight:	12 lbs (5.45 kg)
Length:	25.6" (650 mm)
Height:	7.7" (196 mm)
Width:	2.5" (64 mm)

FOR USE ON

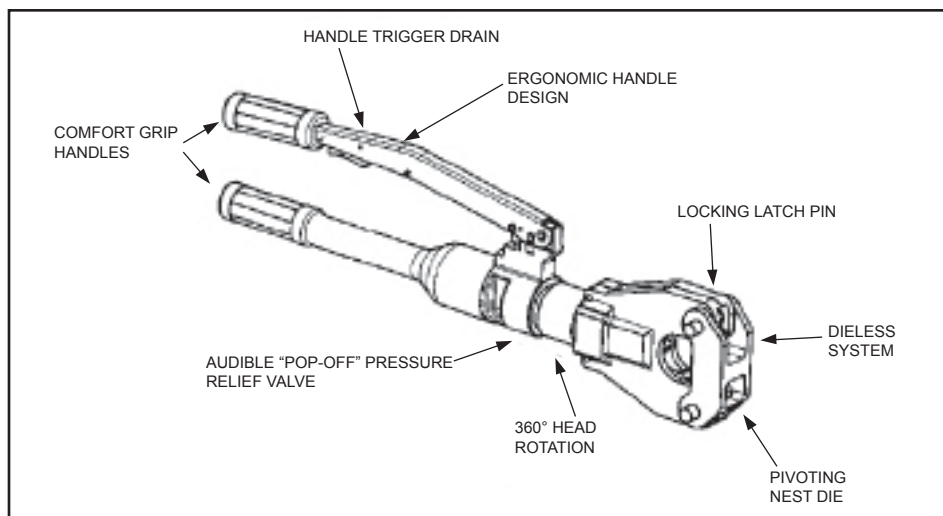
Copper, Aluminum, Compressed, Compact, Stranded, Solid and Flex Conductors.

Installs Splices, Taps and Terminations:

- #8 - 1000 kcmil Copper
(YA, YA-L, YS, YS-L, YS-T, Y-R)
- #8 - 777.7 (750 Nom. Flex Wire Size) kcmil Flex
(YA-FX, YAV, YA-L-FX, YS, YSV-FXB)
- #8 - 750 kcmil Aluminum
(YA-A, YS-A)
- #8 - 750 kcmil Aluminium Pin Adapters
(AYP, AYPO)

- Advanced high speed pump design
 - ◊ Provides fast crimps, longer life, efficiency, and reliability
- 360 Degree head rotation
 - ◊ Versatile tool head positioning lets the user get into tight areas easier
- Durable high impact formed carrying case
 - ◊ Provides tool protection and stores all accessories
- 5-year limited warranty
 - ◊ Customer satisfaction and support

N-30



4-POINT® Y4PC834

DIELESS HYPRESS™

**Hydraulic Hand Operated
 Crimping Tool**

The 4-POINT® C-shaped head dieless HYPRESS™ is a hand operated 6 ton hydraulic crimping tool for use on a wide variety of tap, terminate, and splice compression applications. The dieless capability of this tool eliminates the need to purchase or maintain additional dies. The Y4PC834 incorporates a C-shaped head design making it ideal for crimping in tight areas and is easily removed from continuous conductor runs. The head rotates 360° and is mated to a patented rapid advance pump. The Y4PC834 weighs only 12 pounds and delivers 6 tons of crimping force. The result allows for easy tap, termination and splicing of compression connectors.

The Y4PC834 is supplied with a molded high impact carry case and comes with a 5-year limited warranty.

The Y4PC834 provides range taking capabilities that are UL Listed and CSA Certified for Copper (Code, Compact and Flex) and Aluminum (Code and Compact) conductors when used in conjunction with BURNDY® HYLUG™ terminals and HYLINK™ splices as listed in section C of the Master Catalog.



Features and Benefits

- Dieless installation system
 - ◊ Eliminates the need to purchase and maintain dies
- UL Listed and CSA Certified with range taking capabilities
 - ◊ Provides the installer with UL Listed and CSA Certified crimps when used in conjunction with BURNDY® HYLUG™ and HYLINK™ compression connectors
- C-shaped head design
 - ◊ For easily removing tool from continuous run conductors – simply slide the opening of the head off the conductor. Also ideal for use in tight or constraint spaces
- Audible pressure “pop-off” valve and die embossment providing 360° inspectability
 - ◊ Assures proper crimps with both audible and visual indicators for the installer
- Handle Trigger release
 - ◊ Convenient ram release located in the handle

SPECIFICATIONS

- Output Force:** 6 Tons (5.4 metric tons)
- Weight:** 11.85 lbs (5.38 kg)
- Length:** 25.6" (651 mm)
- Height:** 7.7" (196 mm)
- Width:** 2.5" (64mm)

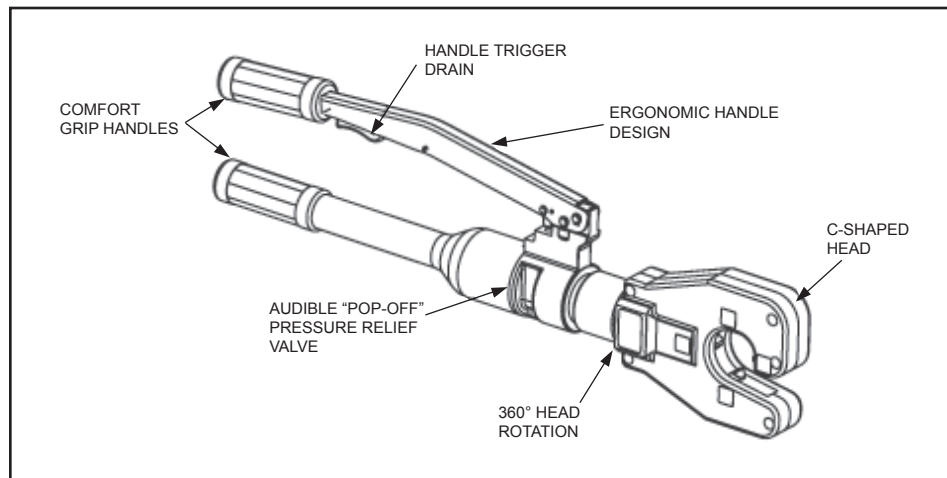
FOR USE ON

Copper, Aluminum, Compressed, Compact, Stranded, Solid and Flex Conductors

Installs Splices, Taps and Terminations

- #8 – 1000 kcmil Copper (YA, YA-L)
- #8 – 500 kcmil Copper (YS, YS-T, YS-L, Y-R)
- #8 – 777 (750 Nominal Flex Wire Size) kcmil Flex ((YA-FX, YAV, YA-L-FX)
- #8 – 535 (500 kcmil nominal flex wire size) kcmil flex (YS, YS-LB, YSV-FXB)
- #8 – 750 kcmil Aluminum (YA-A)
- #8 – 350 kcmil Aluminum (YS-A)
- #8 – 750 kcmil Aluminum Pin Adaptors (AYP, AYPO)

- Advanced high speed pump design
 - ◊ Provides fast crimps, longer life, efficiency, and reliability
- 360° head rotation
 - ◊ Versatile tool head positioning lets the user get into tight areas easier
- Durable high impact formed carrying case
 - ◊ Provides tool protection and stores all accessories
- 5-year limited warranty
 - ◊ Customer satisfaction and support



Y500CT-HS

L'IL CRIMP™

6-Ton Hydraulic Crimp Tool

The BURNDY® Y500CT-HS HYPRESS™ connector installation tool provides 6 U.S. Short tons of force in a compact and easy to use, hand-held hydraulic tool. The Y500CT-HS incorporates a specialized latch style head with a generous working stroke for a wide variety of crimping applications. The specialized head allows interference-free closures on tap connectors up to the BURNDY® YHD-400 size. The head is fitted onto a lightweight tool body with handles that are ergonomically designed to provide slip-free grip and easier crimping. The tool features a patented high speed ram advance mechanism that minimizes crimp cycle time along with an ergonomic trigger drain mechanism that allows the ram to return to the preset position. The tool accommodates all BURNDY® “X”, “W”, and “W-VT” style dies that seat in the permanent “D3” crimping groove. Installation applications include #6 AWG to 500 kcmil copper lugs and splices, #6 AWG to 350 AWG aluminum lugs and splices, and up to 4/0 aluminum tap connections. The permanent “D3” groove and 180 degree rotatable head are standard on the Y500CT-HS.

Each Y500CT-HS HYPRESS™ tool uses BURNDY® dies and off-the-shelf connectors that are available worldwide. The Y500CTHS HYPRESS™ comes equipped with a durable metal carry case to hold the tool and a multitude of die sets.



Features and Benefits

- Lightweight latch head design
 - ◊ Provides enhanced clearance for tap connectors
- 180° head rotation
 - ◊ Versatile tool head allowing user crimp access into tight spaces
- Ergonomic handle design
 - ◊ Easier operation, helping reduce fatigue
- Audible pressure “pop-off” valve
 - ◊ Indicates properly completed crimp
- Permanent “D3” crimp groove accepts all BURNDY® “W” and “X” dies
 - ◊ Standard die design with proven performance
- Durable metal carrying case
 - ◊ Provides superior protection and stores all accessories
- High speed ram advance
 - ◊ Provides faster crimps
- Handle trigger drain
 - ◊ Convenient ram retraction
- 5-year limited warranty
 - ◊ Customer satisfaction and technical support

SPECIFICATIONS

- Output Force:** 6 tons (5.4 metric tons)
- Tool Weight:** 7.8 lbs (3.5 kg)
- Total Strokes:** 7 (w/o connector)
- Height:** 6.0" (152 mm)
- Length:** 17.6" (447 mm)

FOR USE ON

Copper, Aluminum, ACSR, Steel, Copperweld, Alumoweld, 6201, 5005, Compressed, Compact, Stranded & Solid conductors

Installs splices, taps, or terminations:

- #8 - 500 kcmil Copper Str.
- #8 - 350 kcmil Flex
- #8 - 350 AWG Aluminum



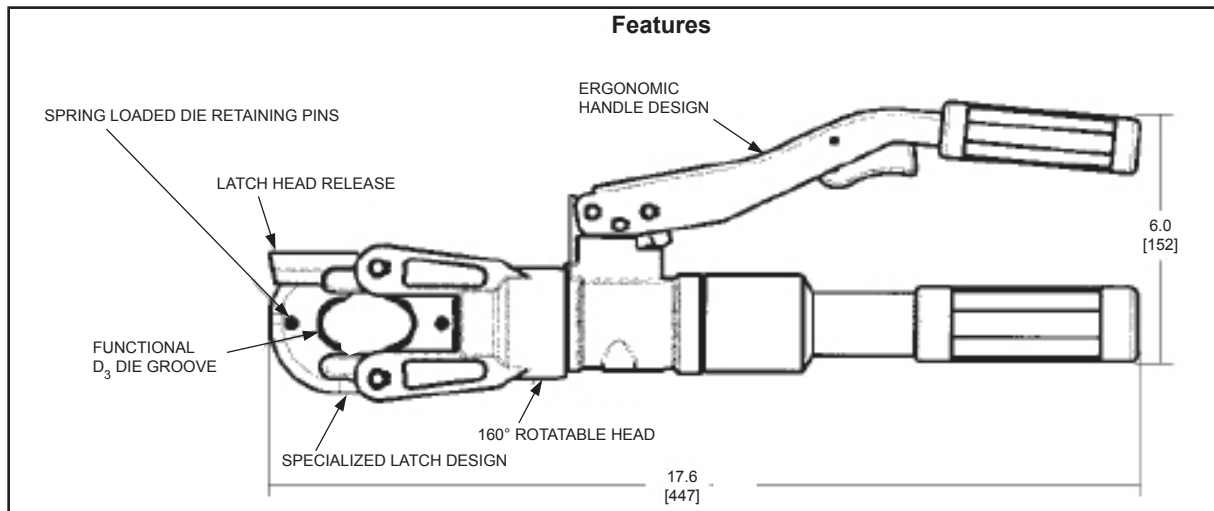
RANGE TAKING DIES

- WDC4500:** #4-500 Cu Str.
#2-4/0 Cu Flex

UL and CSA for use on YA and YS series.
 Also for use on YAV and YSV series.

- WDA8300:** #8-300 Al
#6-400 Cu Str.
#2-4/0 Cu Flex

UL and CSA for use on YA, YS, YA-A, and YS-A series. Also for use on YAV and YSV series.



Y60BHU

HYPRESS™

60 Ton Remote
Power Operated Hydraulic Tools

Single Hydraulic Tool Design

The Y60BHU HYPRESS™, single acting is designed to provide fast, easy operation plus a durable and substantially longer design life expectancy. Y60BHU HYPRESS™ tool accommodates “L” dies. The “L” dies are designed for copper and aluminum code cables and aerial conductor sizes through 2500 kcmil and will accommodate ACSR through 2156 (84/19) str. 5-year limited warranty.

TYPE “L” DIES

For Use With Y60BHU and Y60LW

BURNDY® offers two types of “L” dies. Our standard width L dies (example: L735).

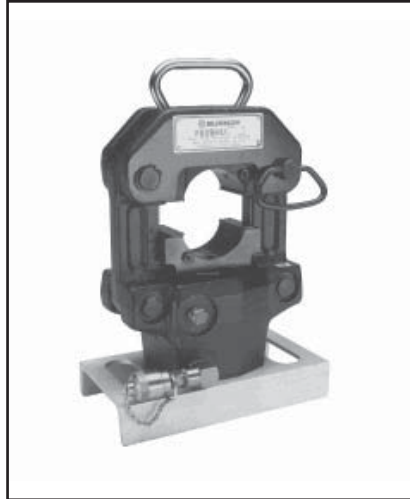


Wider “L” dies with Indicia marks example: L735W). Indicia marks on the die provide the installer with the start location for the next overlap crimp consistently on aluminum connector surfaces. Reduces the number of crimps and installation time.



The following dies are available in this series:

- | | |
|--------------|--------------|
| L717W | L719W |
| L720W | L722W |
| L724W | L725W |
| L727W | L728W |
| L729W | L735W |



Features and Benefits

- Easy to carry with heavy duty handle
- Easy to remove splices with nest that pivots open
- Safety and security is provided with captive locking pin for nest die
- Long life expectancy (50,000 cycles) with heavy duty steel frame
- Fast easy die changing and secure die positioning with positive die release locking pins
- Protected male coupler with captive cap
- Stability is provided with sturdy steel base
- Easy, less costly repairs with fewer parts that are easily accessible (example: Bottom die holder)
- 5-year limited warranty

SPECIFICATIONS

- Force developed:** 60 tons
- Operating pressure:** 10,000 PSI
- Hydraulic oil:** BURNDY® ALFLUID™
- Life expectancy:** 50,000 cycles min.
- Height:** 16.62”
- Weight (less case):** 70 lbs
- Shipping weight:** 97 lbs

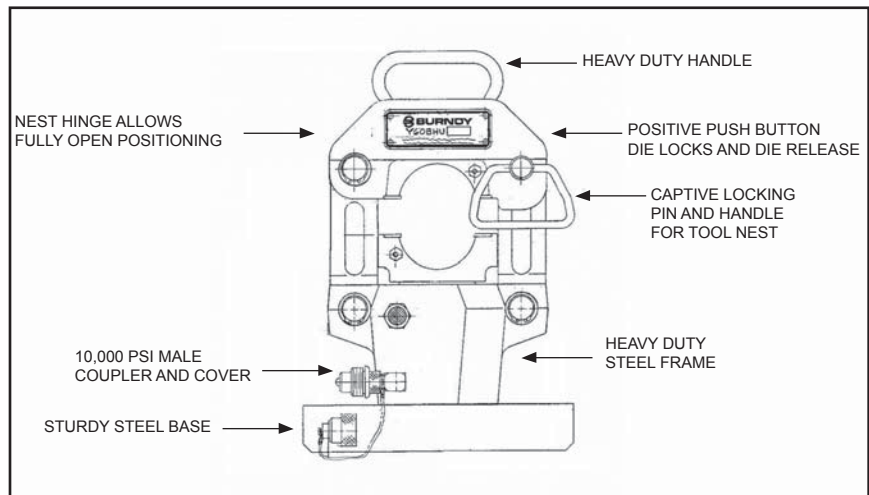
FOR USE ON

Copper

- 300 kcmil-2000 kcmil
- Str. Code Cable
- Terminals
- YA, YA-2N, YAB-4N, YA-L, YA-2LN, YA-LB
- Splices
- YS, YST, YS-L, YS-T, YSP-T

Aluminum

- 250 kcmil-2000 kcmil
- Str. Code Cable
- Terminals
- YA-A
- Splices
- YS-A, YS-AT
- Transmission and Distribution Connectors**
- Tension Sleeves:
 - Copper: 1/0 str. - 1000 kcmil
 - Aluminum: 1/0 str. - 2300 kcmil
 - ACSR: 1/0 - 2156 (84/19 str.) kcmil
 - Aerial:
 - Copper: 4/0 str. - 2500 kcmil
 - Aluminum: 3/0 str. - 2500 kcmil
 - YTS, YTN, YNS, YNA, YNT, YNTA, YNU, YDS, YDN, YCS, YCA, YCU



N-33

Y60LW

HYPRESS™

60 Ton Remote
 Power Operated Hydraulic Tools

Single Acting Light Weight Hydraulic Tool

The Y60LW is a single acting, light weight 60 ton HYPRESS™ designed to install transmission and distribution connectors and sleeves. The Y60LW accommodates the same “L” dies used in the BURNDY® Y60BHU. The “L” dies are designed for copper and aluminum code cables, ACSR and aerial conductors. This tool is designed to be light weight and portable for easy maneuverability and will operate from any 10,000 psi hydraulic source with the proper oil capacity. The Y60LW comes with stand and carrying case (for head only).

Features and Benefits

- Portable, light weight design of less than 43 lbs.
- 60 tons of crimp force at 10,000 psi operating pressure
- Large jaw opening to accommodate copper and aluminum code cables, ACSR and aerial conductor
- Single acting ram with heavy duty return spring
- Removable die cap is easily rotated allowing quick removal of splice connectors
- Upper die cap securely locks to a positive detent position for safe operation
- Fast easy die changing and secure die positioning with positive die release locking pins
- Die holders accommodate BURNDY “L” dies (shell configuration)
- Strong, replaceable die retainers for ultimate life
- Easy to carry with side lift handle
- Upper die cap lanyard cable enables a free hand for positioning work piece
- Heavy duty hoisting loop
- Base stand included (and also available as an accessory)
- Protected male coupler with captive cap
- 5-year limited warranty



Y60LW head

SPECIFICATIONS

Output Force:	60 Tons
Tool Weight:	43 lbs
Height:	12.93 in (without stand)
Width:	8.06 in (without stand)
Warranty:	5 Year Limited

FOR USE ON

Copper

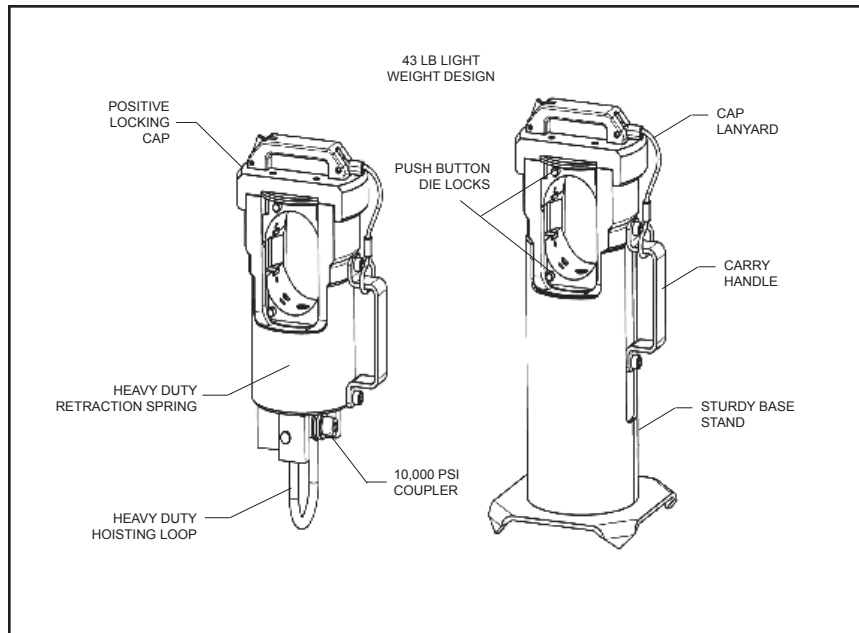
300 kcmil-2000 kcmil
 Str. Code Cable
 Terminals
 YA, YA-2N, YA-4N, YA-L, YA-2LN, YA-LB
 Splices
 YS, YST, YS-L, YS-T, YSP-T

Aluminum

250 kcmil-2000 kcmil
 Str. Code Cable
 Terminals
 YA-A
 Splices
 YS-A, YS-AT

Transmission and Distribution Connectors

Tension Sleeves:
 Copper: 1/0 Str.-1000 kcmil
 Aluminum: 1/0 Str.-2300 kcmil
 ACSR: 1/0 Str.-2156 (84/19 str.)
 Aerial:
 Copper: 4/0 Str.-2500 kcmil
 Aluminum: 3/0 Str.-2500 kcmil
 YTS, YTN, YNS, YNA, YNT, YNTA, YNU, YDS, YDN, YCS, YCA, YCU



Y60LW stand

N-34

Y46 AND Y46C

HYPRESS™

15-Ton Force Remote Operated Hydraulic Tool—10,000 PSI

The Y46 standard tool and Y46C rubber covered tools are lightweight, compact and versatile with installation dies for both circumferential and nest-indentor types. Accessories include “U”-die adapter, a cable cutting die for 1.2” diameter non-steel conductors, plus a lifting eye and universal hot-stick adapter for overhead line construction. 5-year limited warranty.



Y46

Features and Benefits

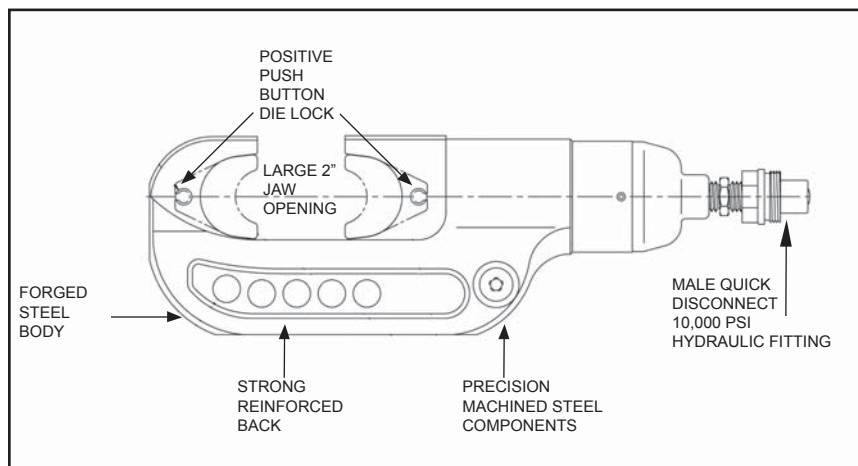
- Compact “C” shaped head allows easy placement and removal from continuous conductor lengths
- Versatile and economical HYPRESS™ tools work on all commonly used copper and aluminum products
- Dies and adapters lock into or remove from tool head easily with the positive push button die locks
- Safety, strength and high quality is provided with strong forged steel and precision machined components
- Excellent for HYGROUND® compression grounding applications through 1” ground rods and up to 500 kcmil taps, terminals and splices
- Compression terminal, splice and tap connectors are UL Listed and CSA Certified when installed with the Y46 and Y46C HYPRESS™ and recommended die set
- **Y46C** has a permanently molded head of 3/16” rubber and includes a separate molded rubber boot to cover the lower HYPRESS™ body and hydraulic coupler for impact protection
- 5-year limited warranty

SPECIFICATIONS

	Y46	Y46C
Force Developed:	15 tons	15 tons
Operating pressure:	10,000 PSI	10,000 PSI
Jaw opening:	2"	2"
Maximum Width:	4-1/2"	4-3/4"
Overall Length:	15"	21-3/4"
		(inc. boot)
Weight (less case):	16 lbs.	17-1/2 lbs
Molded covering:	No	Yes

FOR USE ON

Copper #8 AWG Str. 1500 kcmil Code Cable Navy Cables Flexible and Extra Flexible 1/2"-1" Ground Rods	Terminals-Grounding to 500 kcmil YGA, YGHA, YGF Terminals-Uninsulated #8 to 1500 kcmil YA, YA-2N, YA-L, YA-LB, YA-TC, YA-2LN, YAB-4N, YAV-L Box, YAV-L, YAV-RS Box, YAV-RS, YA-TC-FX Terminals-Insulated #8 to 2/0 YAEV-L Box, YAEV-L, YAEV-H, YAEV-RS, YAEV-RH Splices #8 to 1500 kcmil YS, YS-T, YS-L, YS-LB, YST, YSP-T, YGS, YGHS Taps YH, YCHC #14 to 1000 kcmil YC-C to 4/0 AWG Taps-Grounding to 500 kcmil YGHC-C, YGHP-C, YGHR-C
Aluminum #8 AWG-1250 kcmil Code Cables	Terminals YA-A, AYP, AYPO Splices YS-A, YS-AT, YRB Taps YFD, YFN, YFO, YFR
ACSR	See Burndy Overhead Transmission and Distribution Catalog Module



N-35

ACCESSORIES

Cat. No.	Description:
P15K	Cutter die max. 1.2" dia.
PUADP-1	“U”- die adapter
PT10128	Universal hotstick adapter - Y46
Y46-2	Same as Y46 with Female coupler

Y45

HYPRESS™

15-Ton Remote Power Operated Hydraulic Tool—10,000 PSI

The Y45 Series is designed for remote hydraulic operation. A C-shaped head design provides easy installation of tap and splice connectors. The hook style head with extensive ram travel operates easily on large distribution and transmission conductors. Together with accessories, the Y45 Series tooling may be used on overhead lines. The small light-weight head design is very adaptable for work in underground trenches and manholes. Uses standard BURNDY® "S" Dies.

Cat. No. **PT6515** is required to use "U" type dies in all Y45 variations. Order Head, Hose, Pump, Dies, and accessories separately. 5-year limited warranty.



Features and Benefits

- Easy connector installation and tool removal from line conductors with the open C-shaped head
- Easily lifted into working position using lifting eye
- Easy die changing plus secure die alignment is provided with the positive die lock buttons
- Long life expectancy is provided with fully protected ram and die buttons
- Rapid assembly and disassembly is provided with the quick disconnect hydraulic coupler
- Rugged design provides long life expectancy
- 5-year limited warranty

SPECIFICATIONS

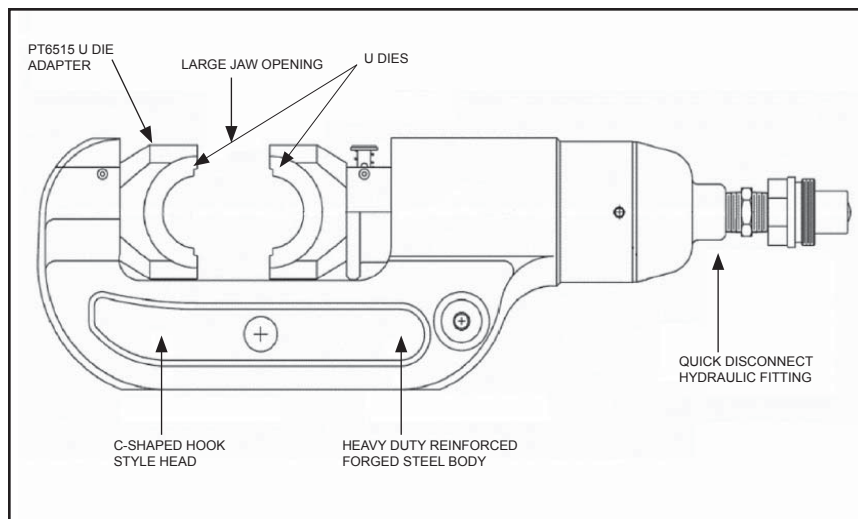
Operating pressure:	10,000 PSI
Output Force:	15 tons
Weight (less case):	15-3/4 lbs
Maximum Width:	7-1/4"
Maximum Height:	14-1/4"

FOR USE ON

Tension Sleeves	Copper	#8 sol.-500 kcmil
	Aluminum	#6 sol.-954 kcmil
	ACSR	#4 -795 (26/7) kcmil
Taps	Aluminum	#14-954 (18/1) ACSR
	ACSR	#6-795 (54/7) kcmil
Aerial Cable Connectors	Copper	#6 str.-1500 kcmil
	Aluminum	#4 str.-1000 kcmil
HYGROUND® Compression Grounding	Copper	#6-500 kcmil
		1/2" - 1" ground rods
Code Cable Terminals and Splices	Copper	#8-1500 kcmil
	Aluminum	#8-1000 kcmil
Taps	Copper	#14-1000 kcmil
	Aluminum	#14-900 kcmil

ACCESSORIES:

Cat. No.	Description:
PT6515	Adapter for use with "U" die sets.
PT6545	Die carrying case for "S" and "P" type dies. Holds eight (8) die sets. (Dies sold separately).



N-36

**Y750BHXT AND
Y750CBHXT RUBBER
COVERED HEAD**

HYPRESS™

12-Ton Remote Power Operated
Hydraulic Tool

Conductor Range:
#14 - 750 kcmil Al/Cu
#4 - 556.5 kcmil ACSR

12 ton remote power operated hydraulic tool. The Y750BHXT HYPRESS™ incorporates a wide mouth (1.65") C-shaped head for all compression applications. The hook style head provides for easy tapping, splicing, and terminating of overhead lines as well as the full range of HYGROUND® compression grounding system connectors, NEC cable connections and N30 - N650 Navy cable applications.

All standard BURNDY® "U" dies fit the Y750BHXT and Y750CBHXT HYPRESS™. Dies and accessories sold separately.

The Y750CBHXT has a permanently molded rubber covered head and includes a separate rubber molded boot that covers the lower body and hydraulic fitting for tool impact protection. The tool comes with a 5-year limited warranty.



Features and Benefits

- Covers a wide range of applications and provides easy tool removal from continuous conductors with its C-shaped head (1.65" opening)
- Easy die change out and retention with exposed positive die lock buttons
- Uses all standard BURNDY® U-dies
- Y750CBHXT provides molded rubber covering on head, body and hose fittings
- Hot stick adapter sold separately
- Infinitely rotatable head, so hydraulic couplers won't easily loosen
- 5-year limited warranty

SPECIFICATIONS

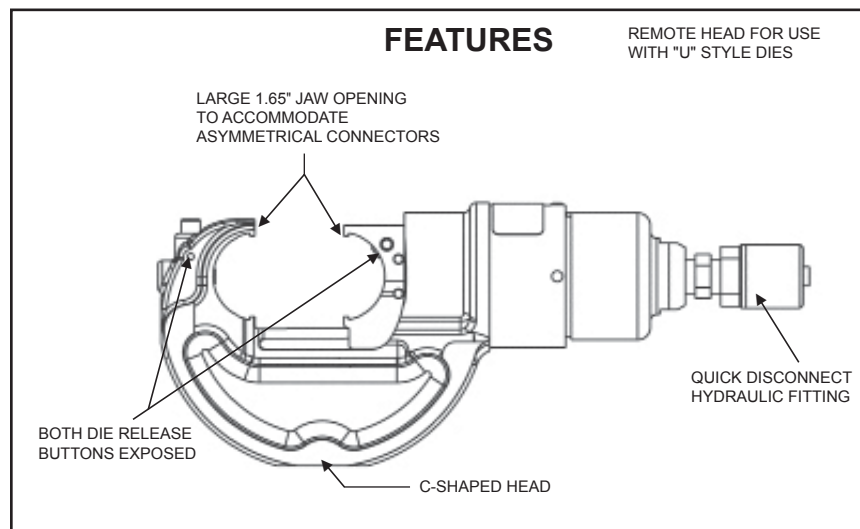
Operating pressure:	10,000 PSI
Force developed:	12 tons
Jaw opening:	1.65" (42 mm)
Length:	12.8" (325 mm)
Weight:	10.3 lbs (4.7 kg)
Head width:	5.2" (132 mm)

FOR USE ON

- **Tension Sleeves**
 - Copper #8 sol - 500 kcmil
 - Aluminum #6 sol. - 556.5 kcmil
 - ACSR #4 - 556.5 kcmil
- **Taps**
 - Copper #14 solid - 500 kcmil
 - Aluminum #6 - 500 kcmil
- **Aerial Cable**
 - Copper #6 - 500 kcmil
- **Terminals and Splices**
 - Aluminum #8 - 750 kcmil
 - Copper #8 - 750 kcmil
 - ACSR #4 - 556 kcmil
- **HYGROUND® (Compression Grounding)**
 - Copper #6 - 500 kcmil (cable/ground rod)
 - Ground Rods 1/2" - 1" Diameter

ACCESSORIES

<u>Cat. No.</u>	<u>Description</u>
PT29402-1	Adjustable head grip for joining head to universal hot sticks.
PT29279-2	Force test gauge for accurate visual reading of output force.
PT29291	Die case Steel case for storage and protection of "U" dies.
WIREMIKE	Provides quick and easy identification of commonly used conductors.



N-37

Y35BH HYPRESS™ 10,000 PSI

REMOTE POWER OPERATED COMPRESSION TOOL

The Y35BH series remote head is designed for remote power operation and incorporates the same C-shaped head as the Y35. The hook style head with extensive ram travel provides for easy tapping and splicing of overhead lines as well as HYGROUND® compression grounding systems. Uses all standard BURNDY® “U” dies.

The remote power operated Y35 heads are available covered with 3/16" molded rubber for tool impact protection.

Order head, hose, pump, dies and accessories separately. The product comes with 5-year limited warranty.



Features and Benefits

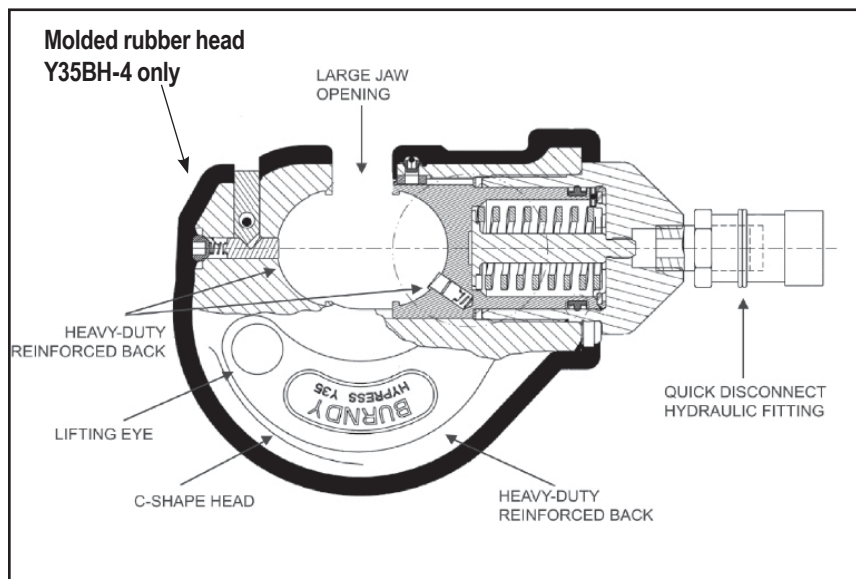
- Easy tool removal from line conductor after compression taps are installed with the open “C” shaped head
- Easily lifted into working position using the lifting eye
- Easy die changing plus secure die alignments provided with the positive die lock buttons
- Uses all standard BURNDY® “U” dies
- Long life expectancy is provided with heavy duty reinforced back
- Mates with all universal type Hot-stick tooling
- Rapid assembly and disassembly is provided with the quick disconnect hydraulic fitting
- Type Y35BH-4 head is covered with 3/16" molded rubber
- 5-year limited warranty

SPECIFICATIONS

	Y35BH	Y35BH-4
Operative pressure:	10,000 PSI	10,000 PSI
Jaw opening:	.95 in	.95 in
Force Developed:	12 tons	12 tons
Weight(less case):	8 lbs	9 lbs
Maximum width:	4-3/4 in	6 in
Maximum height:	9-1/4 in	10-1/2 in
Molded covering:	—	Yes

FOR USE ON

Tension Sleeves	Copper	#8 Sol.-500 kcmil
	Aluminium	#6 Sol.-636 kcmil
	ACSR	#4 -556.5 (26/7)
Taps		#14-556.5 ACSR (18/1)
Aerial Cable Connectors	Copper	#6 Sol.-636 kcmil
	Aluminium	#4 -556.5 (26/7)
Code Conductors	Copper	#8 Str.-750 kcmil terminals - 400 kcmil splices
	Aluminium	#6 Str.-750 kcmil terminals - 400 kcmil splices
HYGROUND® Compression Grounding	Copper (cable/cable)	#6-500 kcmil
	Copper (cable/grd. rod)	#6-500 kcmil
	Ground Rods	1/2 in - 3/4 in



Y35BH Variations:

- Y35BH Head Only**
- Y35H** Includes the Y35BH HYPRESS™ head, PT29402-1 universal hot-stick adapter, and steel carrying case.
- Y35B** Includes the Y35BH HYPRESS™ head, PT91 steel reinforced hydraulic hose and an FP10 foot pump in a steel carrying case. Note: NOT for use on energized conductors.
- Y35BH-4** Permanent Molded Rubber Head. The Y35BH-4 is covered with 3/16" molded rubber for tool impact protection (not insulation)

Y39BH HYPRESS™
10,000 PSI

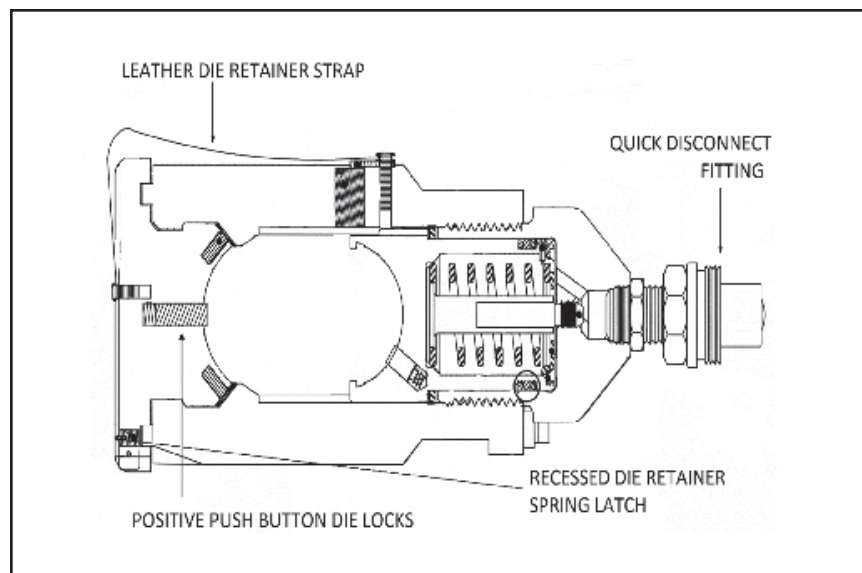
REMOTE POWER OPERATED
COMPRESSION TOOL

The Y39BH Remote Head is designed for remote power operation and incorporates the same small head as the Y39. Convenient die holder with recessed spring latch makes it easy to remove or lock into position. Dies are located and held in position with positive push button die locks. Dies sold separately. Uses all standard BURNDY® "U" dies. 5-year limited warranty.



Features and Benefits

- Easy to work in small tight spaces with only a 3-1/8" wide compression head.
- Easy to locate and hold dies in position with the positive push button die locks plus die changing is accomplished easily without ball checks or set screws.
- Easy to remove or lock into position die holder with recessed spring latch plus leather strap to prevent loss.
- Compression terminal, tap and splice connectors are UL Listed and CSA Certified when installed with the Y39 tool and recommended die set.
- Uses all standard BURNDY® "U" dies.
- Very versatile tool that is able to work with 10,000 PSI pumps.
- 5-year limited warranty.



SPECIFICATIONS

Operating pressure:	10,000 PSI
Force developed:	12 tons
Weight:	6-1/2 lbs
Maximum head Width:	3-1/8"
Minimum Height:	9-1/8"

FOR USE ON

COPPER

#6 AWG - 750 kcmil str.
Code Cable
N30-N650 Navy Cable
Flexible and Extra Flexible
Terminals—Uninsulated
YA, YA-L, YA-LB, YGH, YGHA
Splices and Tees—Uninsulated
YS, YS-L, YS-LB, YS-T, YSP-T, YST

COPPER-AN or AIR

#6 AWG - 4/0 str. Code Cable
AN6-AN 4/0 Aircraft Cable
Flexible and Extra Flexible
Terminals—Uninsulated
YAV-L Box, YAV-L, YAV-RS Box, YAV-RS
Splices and Tees—Uninsulated
YSV-L Box, YSV-L

COPPER-INSULATED TERMINALS

#8-AWG - 2/0 str. Code Cable
AN8-AN 2/0 Aircraft Cable
Flexible and Extra Flexible
Terminals—Insulated
YAEV-L Box, YAEV-L, YAEV-RS Box,
YAEV-RS, YAEV-RH

COPPER - TAPS

#12 AWG Solid - 250 kcmil
Taps—YC-C, YGHC-C, YGHP-C, YGHR-C,
YH, YCHC

ALUMINUM

#8 AWG - 750 kcmil str.
Code Cable
Terminals—YA-A
Splices—YS-A, YS-AT, YRB

ALUMINUM

#6 str. - 500 kcmil
Taps—YFD, YFN, YFO



Y644MBH

DIELESS HYPRESS™

REMOTE OPERATED HYDRAULIC TOOL - 10,000 PSI

The “1” Crimp-Range Taking 11-Ton Force Hydraulic Remote Tool for #6 - 1000 kcmil Copper & Aluminum HYLUG™ Terminals and HYLINK™ Splices.

The “1” Crimp Type Y644MBH Dieless HYPRESS™ Remote Tool, crimps 195 different copper and aluminum HYLUG™ terminals and HYLINK™ splices, which cover the breadth of 38 code conductor sizes and 15 Navy cable sizes.

Only one (1) crimp is required for each wire termination for both long and standard length barrels on BURNDY HYLUG™ and HYLINK™ connectors throughout the entire conductor range. The Y644MBH dieless remote head tool operates on 10,000 psi hydraulic pressure and develops an output force of 11 tons, the same as the self-contained Y644HSXT Dieless HYPRESS™. 5-year limited warranty.



Features and Benefits

- Dieless system, eliminates the need to purchase and maintain dies
- Latch head design
- Range taking Dieless design
- Easy tool positioning with its infinitely rotatable head
- Easy inspection and positive identification is provided with the BURNDY® logo
- Heavy duty head
- 5-year limited warranty

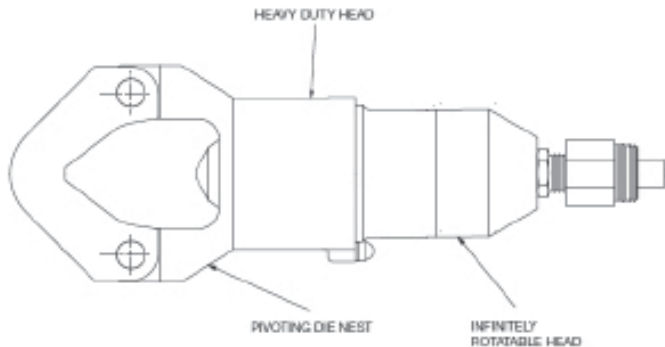
SPECIFICATIONS

- Force developed:** 11 tons
- Operating pressure:** 10,000 PSI
- Head width:** 3.93"
- Overall Length:** 12"
- Weight (less case):** 9-1/2 lbs

FOR USE ON

Copper	Terminals
#6-1000 kcmil	YA-L, YA-2LN, YA, YA-2N, YA-L-2TC, YAB-4N, YA-L-TC, YA-2L, YA-4N
	Splices
	YS-L, YS-T, YS
Aluminum	Terminals
#6-1000 kcmil	YA-A, YA-A-TN
	Splices
	YS-A
Aluminum	HYPLUG™
#6-750 kcmil	AYP, AYPO

The chart below shows the HYDENT™ lugs and two way splices, when crimped with the Y644MBH Dieless HYPRESS™ Tool, produce the following range taking capabilities.



Aluminum Connectors		Copper Connectors	
Standard Wire Size	Expanded Wire Range	Standard Wire Size	Expanded Wire Range
#6 AWG	#6 AWG	#6 AWG	#6 AWG
#5 AWG	#5-#6 AWG	#5 AWG	#5-#6 AWG
#4 AWG	#4-#6 AWG	#4 AWG	#4-#6 AWG
#3 AWG	#3-#6 AWG	#3 AWG	#3-#6 AWG
#2 AWG	#2-#6 AWG	#2 AWG	#2-#6 AWG
#1 AWG	#1-#2 AWG	#1 AWG	#1-#2 AWG
1/0 AWG	1/0-#1 AWG	1/0 AWG	1/0-#6 AWG
2/0 AWG	2/0-#1 AWG	2/0 AWG	2/0-#4 AWG
3/0 AWG	3/0-#1 AWG	3/0 AWG	3/0-#2 AWG
4/0 AWG	4/0-#1 AWG	4/0 AWG	4/0-#1 AWG
250 kcmil	250-1/0 AWG	250 kcmil	250-1/0
300 kcmil	300-2/0 AWG	300 kcmil	300-2/0
350 kcmil	350-3/0 AWG	350 kcmil	350-3/0
400 kcmil	400-4/0 AWG	400 kcmil	400-4/0
500 kcmil	500-4/0 AWG	500 kcmil	500-4/0
600 kcmil	600-250 kcmil	600 kcmil	600-250
750 kcmil	750-500 kcmil	750 kcmil	750-500
1000 kcmil	1000-750 kcmil	800 kcmil	800-500
		1000 kcmil	1000-750

N-40

4-POINT®
Y81KFTMBH

DIELESS HYPRESS™

Remote Operated
Dieless Hydraulic Tool-10,000 PSI

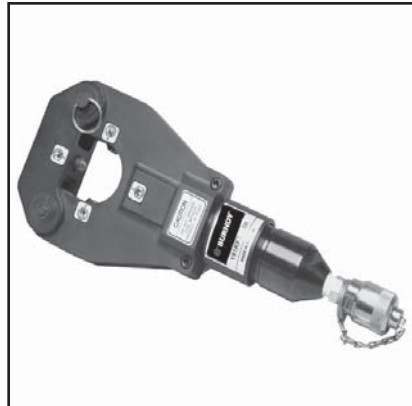
#8 - 1000 kcmil Copper
HYLUG™ Terminals and
HYLINK™ Splices

#8 - 750 kcmil Aluminum
HYLUG™ Terminals and
HYLINK™ Splices

The Y81KFTMBH 4-POINT® dieless HYPRESS™ is a remote powered 6 ton hydraulic crimping tool for use on a wide variety of terminal and splice compression applications. The Y81KFTMBH incorporates a dieless latch style head that provides easy tool removal from continuous conductor runs and eliminates the need to purchase and maintain dies. The Y81KFTMBH dieless remote head tool operates on 10,000 psi hydraulic pressure and develops an output force of 6 tons, the same as the self contained Y81KFTMBH. The result is easy termination and splicing using BURNDY® HYLUG™ and HYLINK™ terminals and splices.

The Y81KFTMBH is supplied with a canvas bag and quick connect fittings and comes complete with a 5-year limited warranty.

Y81KFTMBH dieless HYPRESS™ Range Taking Capabilities: The Y81KFTMBH provides range taking capabilities that is UL Listed and CSA Certified for Copper (Code, Compact and Flex) and Aluminum (Code and Compact) conductors when used in conjunction with BURNDY® HYLUG™ terminals and HYLINK™ splices. See chart for connector, conductor and range taking combinations.



SPECIFICATIONS

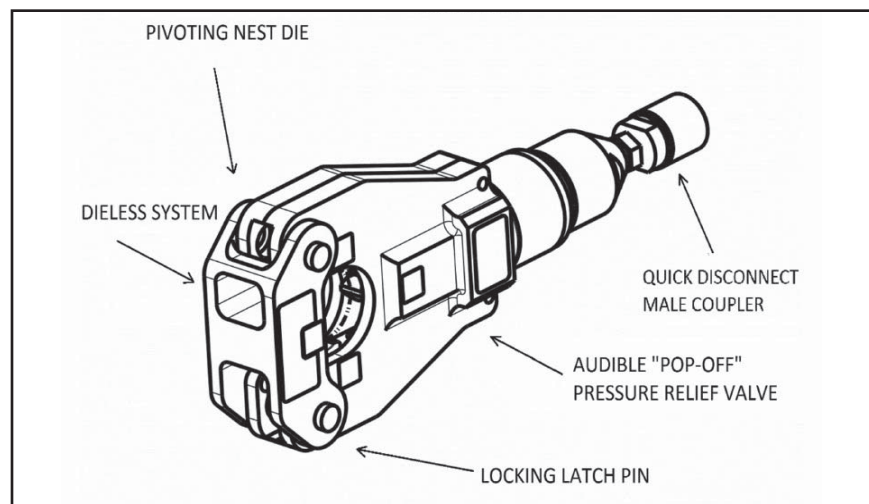
- Output Force:** 6 tons (12,000 lbs)
(5.4 metric tons)
- Weight:** 8.5 lbs (3.86 kg)
- Overall Length:** 13.9 in (354 mm)
- Head Width:** 5.4 in (138 mm)
- Operating Pressure:** 10,000 PSI
(68.9 MPa)

Features and Benefits

- Dieless installation system
- UL Listed and CSA Certified with Range Taking Capabilities
- Flip top head design for easy loading and removal of installed terminals and splices, saving time
- Incorporates Parker type quick connect couplers
- Audible pressure “pop-off” valve and die embossment providing 360° inspectability
- 5-year limited warranty on tool

FOR USE ON

- Copper, Aluminum, Compressed, Compact, Stranded, Solid and Flex Conductors
- Installs Splices, Taps and Terminations:
 - #8 - 1000 kcmil Copper (YA, YA-L, YS, YS-L, YS-T, Y-R)
 - #8 - 777.7 (750 Nominal Flex Wire Size) kcmil Flex (YA-FX, YAV, YA-L-FX, YS, YSV-FXB)
 - #8 - 750 kcmil Aluminum (YA-A, YS-A)
 - #8 - 750 kcmil Aluminium Pin Adapters (AYP, AYPO)



N-41

4-POINT®
Y4PC834MBH

DIELESS HYPRESS™

Remote Operated
Dieless Hydraulic Tool - 10,000 PSI

The Y4PC834MBH 4-POINT® C-head dieless HYPRESS™ is a remote powered 6 ton hydraulic crimping tool for use on a wide variety of tap, terminate, and splice compression applications. The dieless capability of this tool eliminates the need to purchase or maintain additional dies. The Y4PC834MBH incorporates a C-shaped head design making it ideal for crimping in tight areas and is easily removed from continuous conductor runs. The head rotates 360° and is mated to a patented rapid advance pump. The Y4PC834MBH weighs only 8.35 pounds and delivers 6 tons of crimping force. The result allows for easy tap, termination and splicing of compression connectors.

The Y4PC834MBH is supplied with a canvas bag, quick connect fittings and comes with a 5-year limited warranty.

The Y4PC834MBH provides range taking capabilities that are UL Listed and CSA Certified for Copper (Code, Compact and Flex) and Aluminum (Code and Compact) conductors when used in conjunction with BURNDY® HYLUG™ terminals and HYLINK™ splices as listed in Section C of Master Catalog.



SPECIFICATIONS

- Output Force:** 6 tons
(5.4 metric tons)
- Weight:** 8.35 lbs (3.7kg)
- Length:** 3.9 in
- Width:** 5.4 in (178 mm)

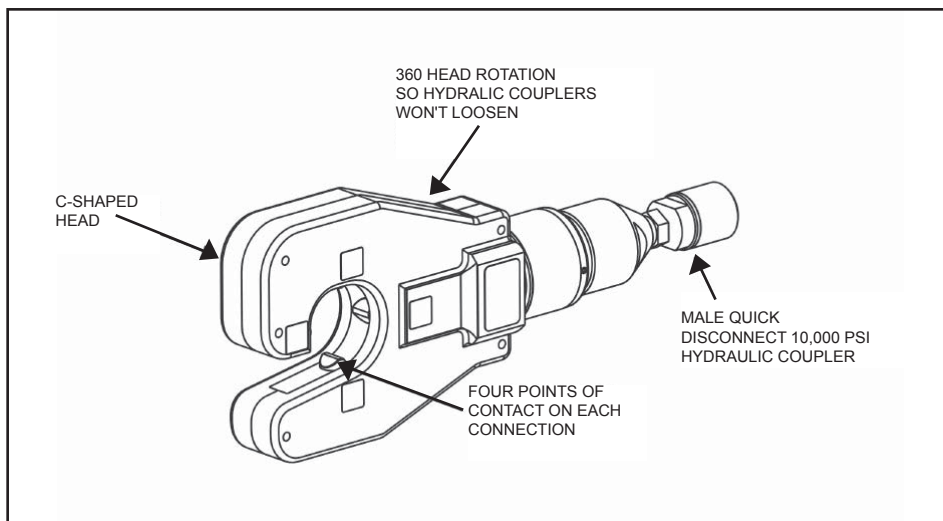
FOR USE ON

- Copper, Aluminum, Compressed, Compact, Stranded, Solid and Flex Conductors
- Installs Splices, Taps and Terminations:
 - #8 - 1000 kcmil Copper (YA, YA-L)
 - #8 - 500 kcmil Copper (YS, YS-T, YS-L, Y-R)
 - #8 - 777 (750 Nominal Flex Wire Size) kcmil Flex (YA-FX, YAV, YA-L-FX)
 - #8 - 535 (500 kcmil nom. flex wire size) kcmil flex (YS, YS-LB, YSV-FXB)
 - #8 - 750 kcmil Aluminum (YA-A)
 - #8 - 350 kcmil Aluminum (YS-A)
 - #8 - 750 kcmil Aluminum Pin Adaptors (AYP, AYP0).

Features and Benefits

- Dieless installation system
 - ◊ Eliminates the need to purchase and maintain dies
- UL Listed and CSA Certified with range taking capabilities
 - ◊ Provides the installer with a UL Listed and CSA Certified crimps when used in conjunction with BURNDY HYLUG™ and HYLINK™ compression connectors
- C-shaped head design
 - ◊ For easily removing tool from continuous run conductors—Simply slide the opening of the head off the conductor Also ideal for use in tight or constrained spaces
- Visual 360° inspectability
 - ◊ Assures proper crimps with visual indicators for the installer
- 5-year limited warranty

N-42



Y34BH

HYPRESS™

Remote Operated
Hydraulic Tool-10,000 PSI

9 ton remote power operated hydraulic tool. The Y34BH HYPRESS™ tool is designed for remote hydraulic power operation. Its new 10,000 PSI operating pressure makes it easily adaptable to most remote power systems. Its small C-shaped head is light-weight, compact and with a relatively large jaw opening ideally suited for NETWORK UNDERGROUND systems.

The tool comes standard with permanent molded head with 3/16" rubber and includes a separate molded rubber boot that covers the lower body and hydraulic coupler for tool impact protection. Together, with other BURNDY® hydraulic accessories, the Y34BH HYPRESS™ tool may be used on lines. The Y34BH-1 has a ten foot non-conductive 10,000 PSI hose attached at the factory. The Y34BH Series tool has a 5-year limited warranty.



Features and Benefits

- Allows for easy placement and removal from continuous conductor lengths
- Long life
- Fast ram retraction
- Molded rubber covering on head, body, and hose fittings
- Standard operating pressure
- Ease in handling
- Greater reliability
- Reduced tool life cycle cost
- 5-year limited warranty
- Head and body rubberized
- Accommodates "B" dies

SPECIFICATIONS

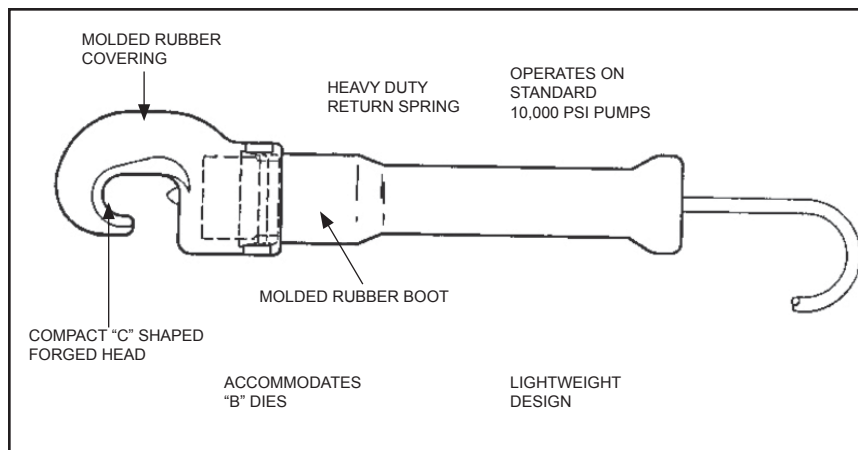
- Operating pressure:** 10,000 PSI
- Jaw opening:** 1-1/2"
- Maximum force generated:** 9 tons
- Head Length:** 11-1/2"
- Overall dimensions:** 16-3/4" (incl.boot)
- Total weight:** Approx. 8 lbs.

FOR USE ON

- Copper: #4-500 kcmil str.
- Welding Cable: 350 kcmil
- N40 to N500 Navy Cable
- Flexible and Extra Flexible #4 to 4/0 Aircraft Cable
- HYLUG™: Terminals-Uninsulated
- HYLINK™: Splices and Uninsulated
- HYCRAB™: BURNDY® Network connector System.
- Copper: #4-500 kcmil str.
- Aluminum: #6-300 kcmil

Installation Nest	Die Indentor	Max. Conductor Aluminum
B4CD	Y34PA	#6 Str.
B1CD	Y34PA	#4 Str.
B26D	Y34PA	#2 Str.
B26D	Y34PR-5	#1 Str.
B27D	Y34PR-5	1/0 Str.
B29D	Y34PR-5	2/0 Str.
B30D	Y34PR-5	3/0 Str.
B31D	Y34PR-5	4/0 Str.
B32D	Y34PR-5	250 kcmil
No die req'd.	Y34PR-11	300 kcmil

Installation Nest	Die Indentor	Max. Conductor Aluminum
B4CD	Y34PR	#4 Str.
B2CD	Y34PR	#2 Str.
B1CD	Y34PR	#1 Str.
B25D	Y34PR	1/0 Str.
B26D	Y34PR	2/0 Str.
B27D	Y34PR	3/0 Str.
B28D	Y34PR	4/0 Str.
B29D	Y34PR	250 kcmil
B30D	Y34PR	300 kcmil
B31D	Y34PR	350 kcmil
No die req'd.	Y34PR	500 kcmil



Y29BH

HYPRESS™

Remote Operated
Hydraulic Tool-6,000 PSI

4.5 Ton remote power operated hydraulic tool. The Y29BH HYPRESS™ tool is designed for remote hydraulic power operation. Its small, "C" shaped head is lightweight, designed for use in confined areas, where visibility and space is limited. Accommodates D- (series) nest dies and Y29- (series) indenter dies, for use with code or flex connector/conductor applications. Ideal for OEM applications. Dies sold separately. The Y29BH has a 5-year limited warranty.



Features and Benefits

- Easy placement/removal on continuous conductor lengths
- Lightweight, portable head design
- Installs a wide variety of lugs and splices
- Ideal for AN, Flex and Code conductor terminations
- Hydraulic coupler
- "C" shaped head
- 5-year limited warranty

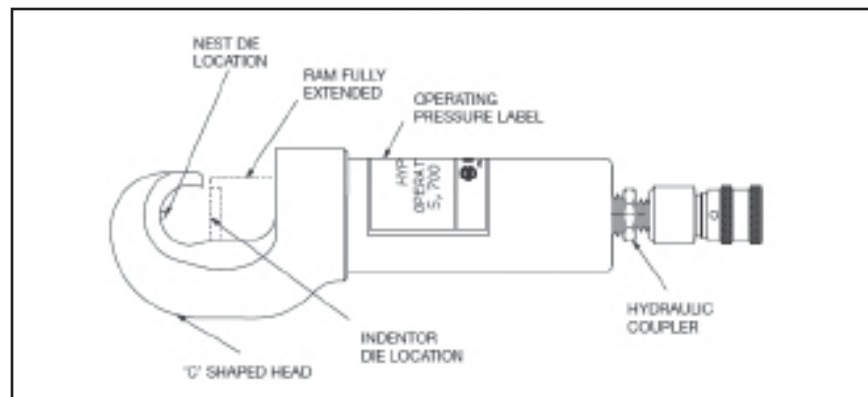
SPECIFICATIONS

- Operating Pressure:** 6,000 PSI
- Height:** 3"
- Length:** 10.75" (Including coupler fitting)
- Head width:** 1.15"
- Jaw Opening:** 1.2"
- Weight:** 5 lbs
- Output Force:** 4.5 tons (9000 lbs)
- Crimp Type:** Nest/Indenter

FOR USE ON

- Copper #8 - 4/0 AWG, Code/Flex
- Nylon Insulated Lugs**
(Connectors meet MIL-T-7928 requirements)
 - YAEV-L, YAEV-H, YAEV-RS, YAEV-RH
- Non-Insulated Lugs**
(Connectors meet MIL-T-7928 requirements)
 - YAV-L, YAV-R, YAV-RS
- Non-Insulated Splices**
(Type YSV-L connectors UL Listed, CSA Certified)
 - YSM, YSV-L

Uninsulated Connectors		Maximum Conductor SIZE	Insulated Connectors	
NEST	IND.		NEST	IND
DV8L-1	Y29PL	#8 AWG	DEV8L	Y29PLE-1
DV6L	Y29PL	#6 AWG	DEV6L	Y29PLE-1
DV4L	Y29PL	#4 AWG	DEV4L	Y29PLE-1
DV2L	Y29PL	#2 AWG	DEV2L	Y29PLE
DV1L	Y29PL	#1 AWG	DEV1L	Y29PLE
DV25L	Y29PL	1/0 AWG	DEV25L	Y29PLE
DV26L	Y29PL	2/0 AWG	DEV26L	Y29PLE



Y10D

HYTOOL™

Two Tools in One —
#22-10 AWG Nylon Insulated Connectors,
#22-10 AWG Uninsulated Connectors

Hand-held plier type tool that will install #10 - 22 AWG nylon insulated and uninsu-lated terminals and splices, with a precision machined wire cutter for aluminum and copper wire in the nose of the tool. Long handles provide greater mechanical advantage. 5-year limited warranty.



Features and Benefits

- Easy wire cutting with precision machined cutting blade
- Save time, money and lower installed costs with one tool for both nylon insulated and uninsulated (bare) connectors
- Easy tool operation out of the carton. No need to break in the tool prior to actual usage
- A heavy duty forged steel tool, that has a rust resistant finish will provide a long durable life
- Easier crimping on #22-10 bare and nylon insulated connectors because of the longer handles that provides greater mechanical advantage*
- Comfort grip handles fit hands comfortably helping make the tool easy to use
- Terminals and splice connectors are UL Listed and CSA Certified when installed with the Y10D HYTOOL™
- 5-year limited warranty

* Conductor crimp only.

SPECIFICATIONS

Length: 9-3/4"
Weight: 13.5 oz

FOR USE ON

#10-22 AWG Nylon Insulated Terminals

<u>Box Cat. Types</u>	<u>Bulk Cat. Types</u>
TN	YAES
TN-F	YAES-E
YAE-N BOX	YAE-N
YAE-N-F BOX	YAE-N-F
YAE-Z BOX	YAE-Z
YAEV BOX	YAEV

#10-22 AWG Nylon Insulated Splices

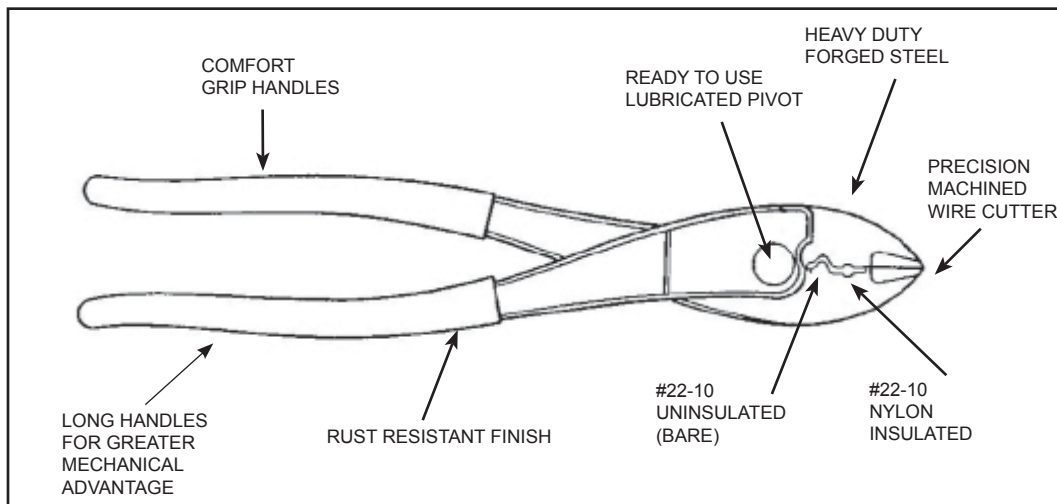
<u>Box Cat. Types</u>	<u>Bulk Cat. Types</u>
SN	YSE-HN *
SNM	YSES
YSE-H BOX *	YSE-H *

#10-22 AWG Uninsulated (Bare) Terminals

<u>Box Cat. Types</u>	<u>Bulk Cat. Types</u>
T	YAD
T-F	YAD-F
YAV BOX	YAV
YAV-T-F BOX	YAV-T-F
YAV-H BOX *	YAV-H *
YAV-H-F BOX *	YAV-H-F *
YAV-Z BOX	YAV-Z

#10- 22 AWG Uninsulated (Bare) Splices

<u>Box Cat. Types</u>	<u>Bulk Cat. Types</u>
YSV BOX	YSV
YSV-H BOX *	YSV-H *



Y10-22

HYTOOL™

#22-10 AWG Insulated Connectors,
 #22-10 AWG Uninsulated Connectors

Hand-held plier type tool to install #10-22 AWG insulated and uninsulated terminals and splices with a wire cutter in the nose of the tool. Will strip #10-22 AWG wire and cut common size mild steel and non-ferrous screws. 5-year limited warranty.



Features and Benefits

- Easy wire cutting with anvil type wire cutter design
- Crimps full range of insulated terminals and splices #22-10 AWG
- Cut off dies for common size mild steel and non-ferrous screws
- Crimps full range of uninsulated terminals and splices #22-10 AWG
- Full range insulation strippers for wire sizes #22-10. One step stripping
- Comfort grip handles fit hands comfortably helping make the tool easy to use
- 5-year limited warranty

* Conductor crimp only

SPECIFICATIONS

Length: 8-5/8"
 Weight: 11 oz

FOR USE ON

#10-22 AWG Nylon Insulated Terminals

<u>Box Cat. Types</u>	<u>Bulk Cat. Types</u>
TN	YAES
TN-F	YAES-F
YAE-N BOX	YAE-N
YAE-N-F BOX	YAE-N-F
YAE-Z BOX	YAE-Z
YAEV BOX	YAEV

#10-22 AWG Nylon Insulated Splices

<u>Box Cat. Types</u>	<u>Bulk Cat. Types</u>
SN	YSE-HN *
SNM	YSES
YSE-H BOX *	YSE-H *

#10-22 AWG Vinyl Insulated Terminals

<u>Box Cat. Types</u>	<u>Bulk Cat. Types</u>
TP	BA
TP-F	BA-EF
TP-Z	BA-EZ

#10-22 AWG Vinyl Insulated Splices

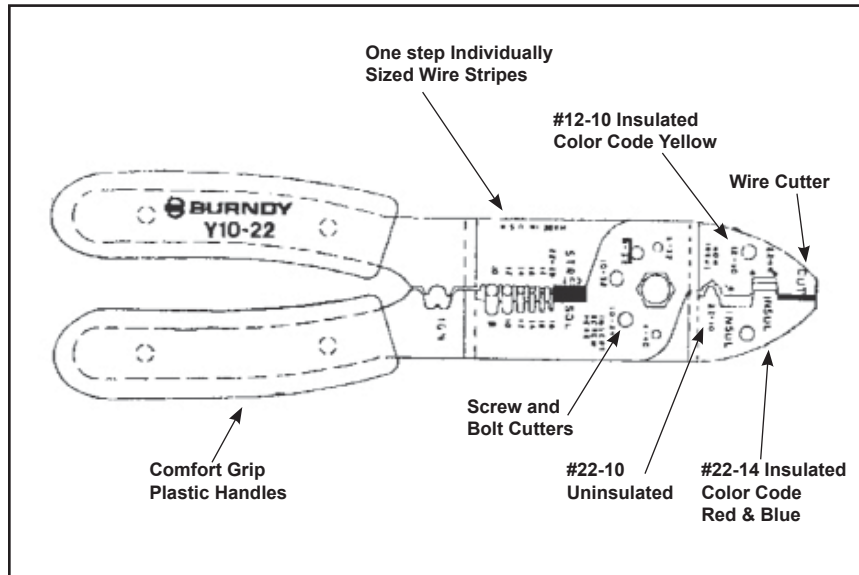
<u>Box Cat. Types</u>	<u>Bulk Cat. Types</u>
SP	BS

#10-22 AWG Uninsulated (Bare) Terminals

<u>Box Cat. Types</u>	<u>Bulk Cat. Types</u>
T	YAD
T-F	YAD-F
YAV BOX	YAV
YAV-T-F BOX	YAV-T-F
YAV-H-F BOX *	YAV-H-F *
YAV-Z BOX	YAV-Z

#10-22 AWG Uninsulated (Bare) Splices

<u>Box Cat. Types</u>	<u>Bulk Cat. Types</u>
YSV BOX	YSV
YSV-H BOX *	YSV-H *



N-46

TYPE YF22-10FL

HYTOOL™

**Dieless, Front Load,
 Range-Taking, Ratchet Tool**

YF22-10FL Range-Taking Ratchet Tool
 for installing #22 - #10 AWG
 Insulated and Uninsulated Ferrules

The YF22-10FL ergonomic full cycle ratchet tool provides a complete positive crimp each time. The ergonomic comfort grip handles reduce operator fatigue during continuous use. Once started, the ratchet mechanism does not allow the handles to be opened until the full ratcheting cycle is completed, unless the operator actuates the emergency release lever. This provides for a complete crimp before a ferrule can be removed from the tool. Range-taking to accommodate ferrules from #22- #10 AWG. Each tool comes complete with a 5-year limited warranty.



Features and Benefits

- Ergonomic hand tool for crimping insulated and uninsulated ferrules
- Overmolded comfort grip handles reduce fatigue during continuous use
- Full cycle ratchet mechanism to assure properly crimped connections
- Dieless crimping eliminates the need for multiple die grooves or stocking of extra die sets
- Front load crimping position is ideal for use in tight spaces, such as panels and enclosures
- Ratchet mechanism ensures a full crimp cycle
- Ratchet release lever can be actuated in the event of a misalignment
- 5-year limited warranty

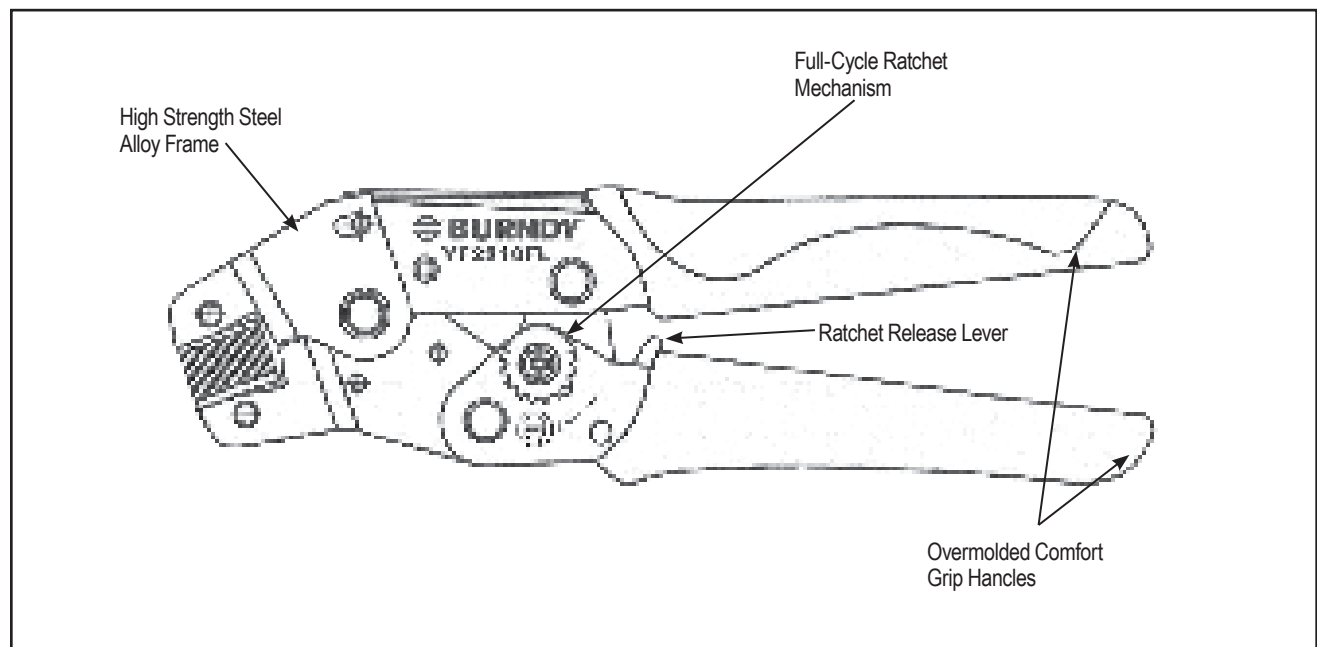
SPECIFICATIONS

Output Force:	1600 lbs
Tool Weight:	0.82 lbs
Length:	7.75 in
Width:	2.32 in
Warranty:	Limited 5 Years

FOR USE ON

#22 - #10 AWG Insulated and Uninsulated Ferrules

BURNDY Connector Family Type YF and YF-UI Wire End Ferrules



N-47

YF-TOOL

**Installation Ratchet Tool
 for Bare and Insulated
 Ferrules**

For Use On Copper Ferrules

These tools have been specifically designed to work with both the insulated and uninsulated ferrules type YF. Unless otherwise noted, the tools have a trapezoidal crimp type.



Features and Benefits

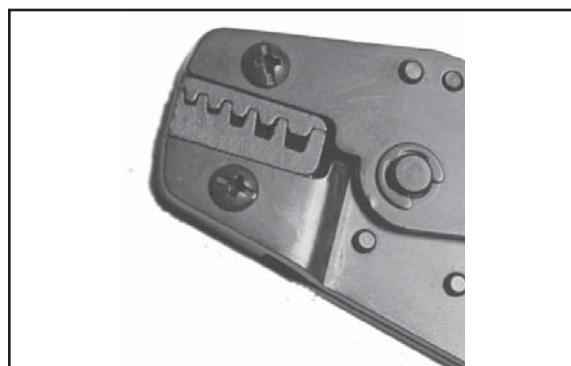
- Ergonomic handle design to help ease installer fatigue
- Release mechanism
- Low handle force required

Catalog Number	Capacity	Crimp Profile	Weight	Handle Color
YF3206TOOL	32-6 AWG	Square	1.10 lbs	Black/Orange
YF2610TOOL	26-10 AWG	Trapezoidal	1.02 lbs	Blue
YF2214TOOL	22-14 AWG	Trapezoidal	1.05 lbs	Red
YF2210TOOL	22-10 AWG	Trapezoidal	1.05 lbs	Red
YF1006TOOL	10-6 AWG	Trapezoidal	1.05 lbs	Red
YF0801TOOL	8-1 AWG	Trapezoidal	1.80 lbs	Red
YF0401TOOL	4-1 AWG	Trapezoidal	1.50 lbs	Red/Blue
YF1/03/0TOOL	1/0-3/0 kcmil	Trapezoidal	1.80 lbs	Red
YF4/0250TOOL	4/0-250 kcmil	Trapezoidal	1.80 lbs	Red

N-48



YF2214TOOL has one groove to accept 22-14 AWG range



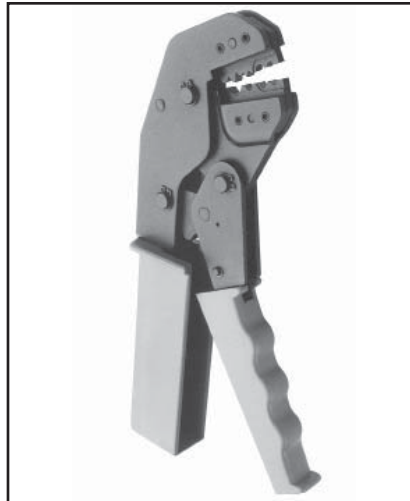
YF2610TOOL, YF2210TOOL, and YF1006TOOL have multiple grooves for range capacity

Y8MRB-1

HYTOOL™

#22-8 AWG

Hand-held full cycle ratchet tool for #8-22 AWG uninsulated terminals and splices. Full cycle feature builds in reliability and removes the human factor from the finished installation. 5-year limited warranty.



SPECIFICATIONS

Length: 9-1/2"
Weight: 1.21 lbs

FOR USE ON

BOX CAT. TYPES BULK CAT. TYPES

Uninsulated Terminals

T	YAD
T-F	YAD-F
YAV BOX	YAV
YAV-L BOX	YAV-L
YAV-T-F BOX	YAV-T-F
YAV-Z BOX	YAV-Z

Uninsulated Splices

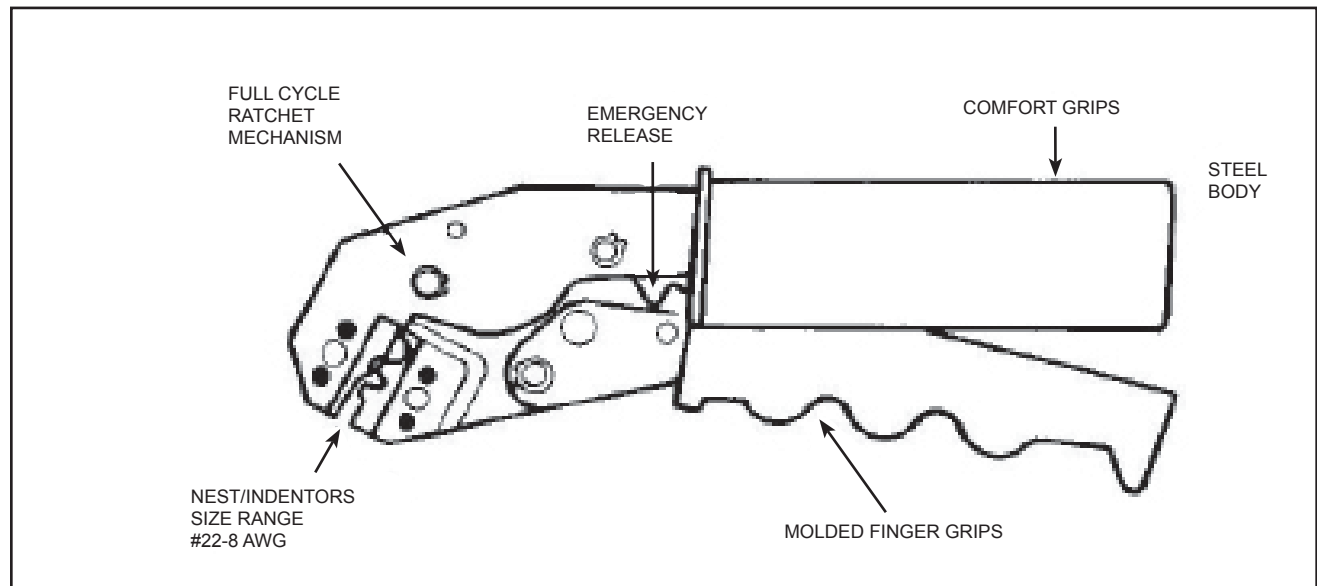
YSV BOX	YSV
YSV-L BOX	YSV-L

Features and Benefits

- One tool to accommodate #22-8 AWG
- Lightweight
- Full cycle ratchet for positive crimping
- Inspection (PG) gauges available to check each groove

<u>Groove</u>	<u>Gauge#</u>
#18	PG395-1
#14	PG396-1
#10	PG397-1
# 8	PG398-1

- Each indenter has its own identifying mark for inspectability
- Jaw opening orientation, molded finger and palm grips and the easy reach frame minimize user fatigue



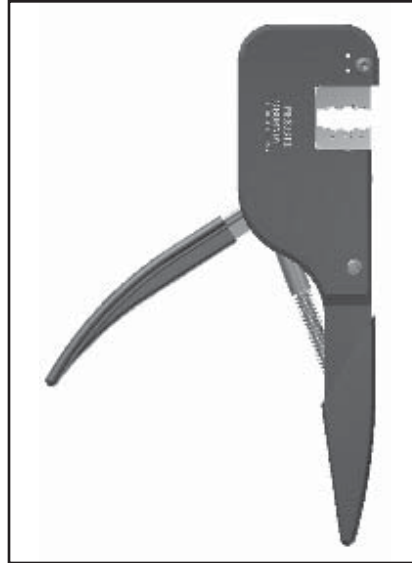
N-49

MR8

HYTOOL™

Full Cycle Ratchet Hand Tools

The HYTOOL™ Types MR8 series incorporates a full cycle ratchet mechanism that provides a complete, positive crimp each time. Once started the ratchet mechanism does not allow the handles to be opened until after the full ratcheting cycle is completed. This provides for a completed crimp before a connector can be removed from the tool. The MR8 series of tools are specifically designed with the ratchet mechanism completely inside the body of the tool without a path to reach and defeat the mechanism. This permits the tools to be used in the most critical applications including nuclear-class 1E terminations, heavy duty industrial, utility generation, OEM, aircraft, and other applications where a dependable electrical termination is needed. 5-year limited warranty.



SPECIFICATIONS

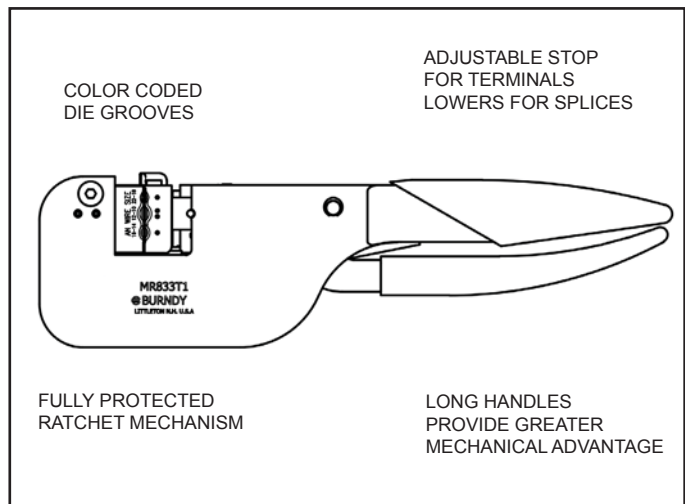
Length: 10-1/2"
Weight: 1-1/2 lbs

Features and Benefits

- Lightweight aluminum permits easier continuous usage
- One tool to accommodate #22-10 AWG
- Easy groove identification with color-coded dies
- Long life expectancy with fully protected ratchet mechanism
- Easy one-hand tool operation with long handle length for greater mechanical advantage
- 5-year limited warranty

FOR USE ON

Tool	AWG Size Range	Box Catalog Types	Bulk Catalog Types
MR8-1A	#10-22 AN Copper Cable	INSULUG™	YAE
MR8-9Q	#8-18 AN Copper Cable #10-22 AWG Sol. Cable #8-22 Str. AWG Cable	YAV BOX YSV BOX T T-F	YAV, YSV, YAD, YAD-F
MR8-33S-1 MR8-33T-1	#10-18 MIL-W-5086 Str.	YSE BOX YSE-H BOX	YSE YSE-H
MR8-G96	#14-22	TP	BA
MR8-G98	#10-22	YAV, T	YAD, YAV



N-50

MRE10-22B, MRE10-22NV

HYTOOL™
Ergonomic Full Cycle Ratchet
Hand Tools

MRE10-22B - #10 - #22
Uninsulated Terminals and Splices

MRE10-22NV - #10 - #22
Nylon and Vinyl insulated
Terminals and Splices

The MRE10-22B and MRE10-22NV ergonomic full cycle ratchet tools provide a complete positive crimp each time. The ergonomic comfort grip handles reduce operator fatigue during continuous use. Once started, the ratchet mechanism does not allow the handles to be opened until the full ratcheting cycle is completed, unless the operator actuates the emergency release lever. This provides for a completed crimp before a connector can be removed from the tool. The MRE10-22B crimps uninsulated (bare) terminals and splices ranging from #10 AWG - #22 AWG; the MRE10-22NV crimps nylon and vinyl terminals and splices ranging from #10 AWG - #22 AWG. The dies are color coded and stamped with the conductor size to provide an easy match of the die and proper BURNDY® terminal or splice. Each tool comes complete with a 5-year limited warranty.



Features and Benefits

- Ergonomic hand tools for crimping insulated and uninsulated terminals and splices
- Overmolded comfort grip handles reduce fatigue during continuous use
- Easy groove identification with color coded dies
- Full cycle ratchet tool to assure properly crimped connections
- Emergency release mechanism allows tool to open in case of misalignment or mistaken die choice
- Stop plate ensures proper location of terminals for consistent reliable connection every time
- UL Listed/CSA Certified connections when used with recommended BURNDY® terminals and splices
- Two tools accommodate nylon, vinyl and uninsulated terminals and splices #22 AWG - #10 AWG
- 5-year limited warranty

SPECIFICATIONS

Length: 10.5 in
Weight: 1.3 lbs
Width: 3 in
Warranty: 5 Year Limited Warranty

FOR USE ON

MRE10-22B for uninsulated (bare) terminals and splices #22-#10 AWG

BURNDY® Connector Family:

T- (YAD-), T-F (YAD-F), YAV-, YAV-H, YAV-R, YAV-T-F, YAV-H-F, YAV-Z, YSV, YSV-H

Die Inspection Gauges: **

#22 - #14 AWG: **PG-403-2R**
#12 - #10 AWG: **PG-403-1R**

MRE10-22NV for nylon and vinyl insulated terminals and splices #22 - #10 AWG

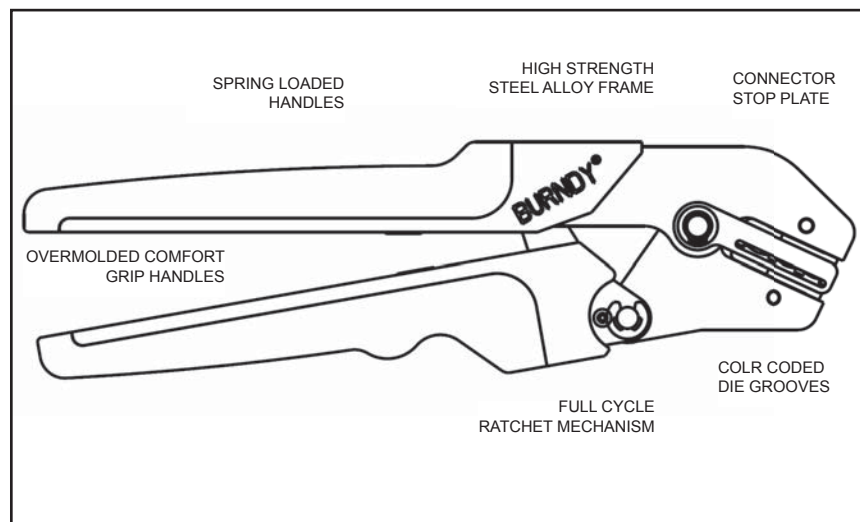
BURNDY® Connector Family:

TP- (BA-), TP-F (BA-EF), TP-Z (BAEZ), TP-LF (BA-EL), SP (BS), TN- (YAES-), TN-F (YAES-F), SNM* (YSES)*, YAE-N-, YAE-N-F, YAE-Z, YSE-HN, YSE-H, YAEV-
(*excludes #10 size)

Die Inspection Gauges:**

#22 - #18 AWG (Red): **PG-406-1**
#16 - #14 AWG (Blue): **PG-407-1**
#12 - #10 AWG (Yellow): **PG-408-1**

**Die inspection Gauges are sold separately

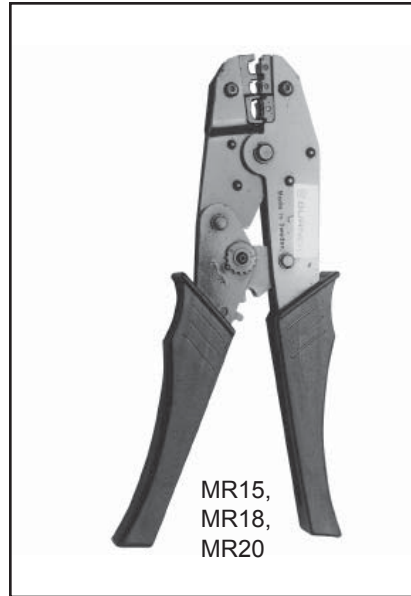


MR15, MR18, MR20

HYTOOL™

Full Cycle Ratchet Hand Tools

The Types MR15, MR18 and MR20 series HYTOOL™ incorporate a full cycle ratchet mechanism that provides a complete, positive crimp each time. Once started the ratchet mechanism does not allow the handles to be opened until after the full ratcheting cycle is completed, unless the user actuates the emergency release lever. This provides for a completed crimp before a connector can be removed from the tool.



Features and Benefits

- UL Listed for use with BURNDY® connectors
- Fully ratcheted tool to assure properly crimped connections
- Easy groove identification with color coded dies
- Maximum crimping comfort grips
- Compact, narrow nose to work in confined areas
- 5-year limited warranty

SPECIFICATIONS

Length: 8.86"
Weight: 1.10 lbs.
Open: 5.90"
Closed: 2.50"

Wire Range: #22-10 AWG

FOR USE ON (Wire Range 22-10 AWG)

MR15 Vinyl Insulated Terminals and Splices

Vinyl Terminals		Vinyl Splices	
TP	BA	SP	BS
TP-F	BA-EF		
TP-Z	BA-EZ		
TP-LF	BA-EL		

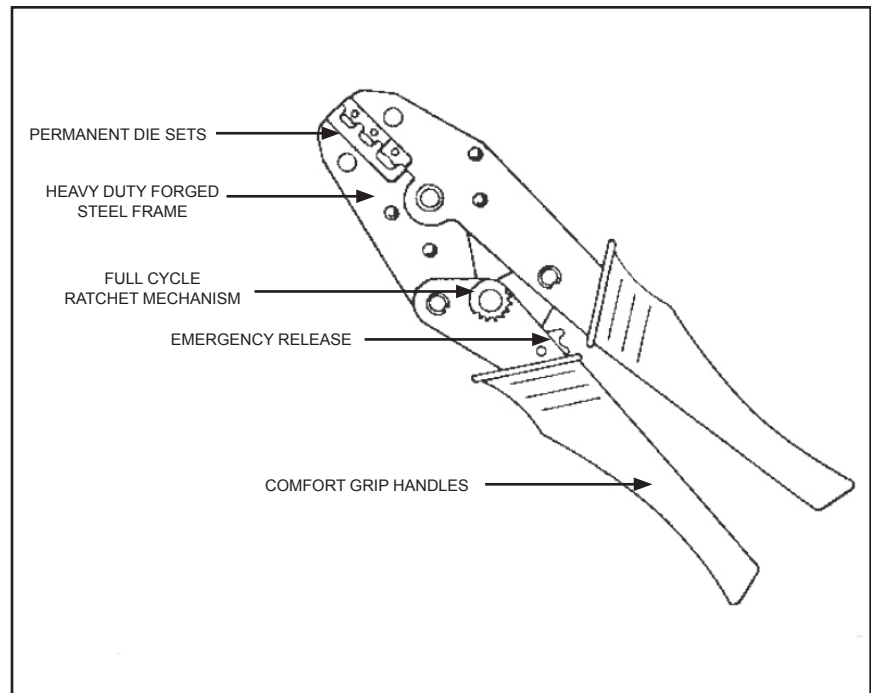
MR18 Nylon Insulated Terminals and Splices

Nylon Terminals		Nylon Splices	
TN		SN	
TN-F		SNM	
YAES		YSE-HN	
YAES-F		YSES	

MR20 Uninsulated Terminals and Splices

Terminals		Splices	
T	YAD-F	YSV	
T-F	YAV-H*	YSV-H*	
YAV	YAV-H-F*		
YAD			
YAV-T-F			

*Conductor crimps only.



MR4C

**FULL CYCLE
RATCHET HAND TOOL**

For #9-4 AWG Uninsulated
Terminals and Splices

Hand-held full cycle ratchet tool for #9-4 AWG
uninsulated terminals and splices. Full cycle
feature builds in reliability and removes the human
factor from the completed installation. Long
handles provide greater leverage. 5-year limited
warranty.



SPECIFICATIONS

Length: 11-3/4"
Weight: 2-1/4 lbs

FOR USE ON

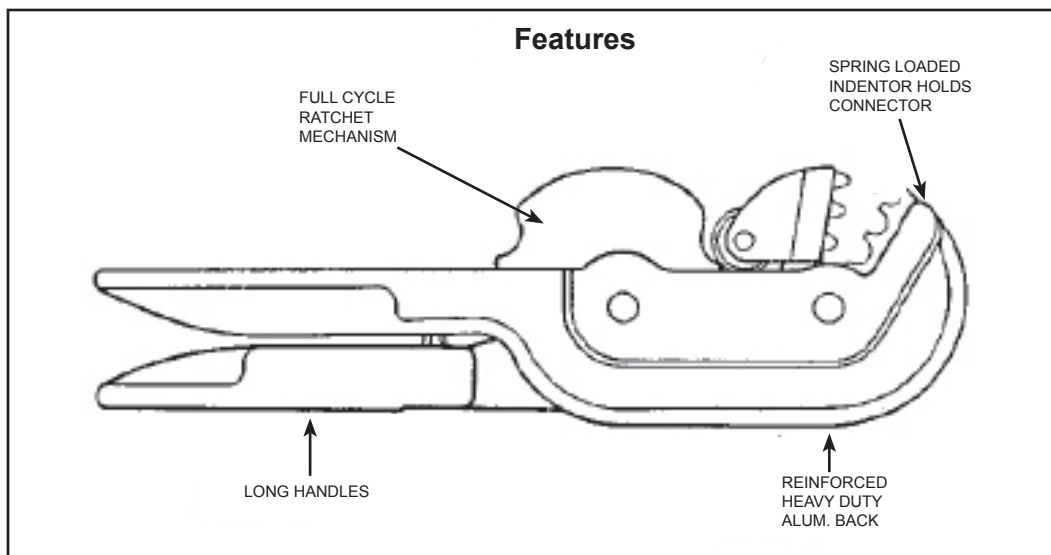
Terminals	YAV-L
	YA-L
Splices	YSV
	YSM
	YS-L

Features and Benefits

- High strength aluminum body
- Fully protected ratchet mechanism
- Reinforced heavy duty back
- Long handles provide greater mechanical advantages
- Lightweight aluminum permits easier continuous usage
- One tool to accommodate #9-4 AWG
- Inspection (PG) gauges available to check each groove.

<u>Groove</u>	<u>Gauge#</u>
9-8	PG121-1
6	PG125-1
4	PG133-1

- Spring loaded indenter jaw holds connector in groove prior to crimping or ratchet engaging
- 5-year limited warranty



N-53

TYPE Y10MRS1

Ergonomic Full Cycle Ratchet Hand Tool for J-Dies

#22-10 AWG Terminals and Splices

The Y10MRS1 compression hand tool is specifically designed to accommodate BURNDY® J-Dies from #22 - #10 AWG for use on both bare and insulated connectors. J-Dies offer a positive connection with terminations exceeding SAE Pullout specifications.

The Y10MRS1 produces the same crimp profile as the Y6NCP1 pneumatic OEM tool making this tool a perfect choice for customers wanting a hand tool to match their production tooling. 5-year limited warranty.

Features and Benefits

- UL Listed connections when using BURNDY UL Listed connectors
- Ergonomic design requires less handle force reducing user fatigue
- Compact, narrow nose, scissor action and lightweight at only 1.3 lbs
- Full cycle ratchet mechanism provides complete positive crimp every time
- Emergency release lever in case of misalignment or incorrect die choice

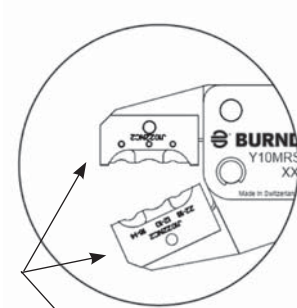


Features and Benefits (cont.)

- Different die inserts accommodate a range of Small HYDENT™ terminals and HYSPLICE™ splices (see table below for details)
- High-strength steel frame with rubber covered handles for longevity and comfort

SPECIFICATIONS

- Weight:** 1.3 lbs
- Length:** 10.75 in
- Width:** 3.08 in
- Warranty:** 5 Year Limited Warranty

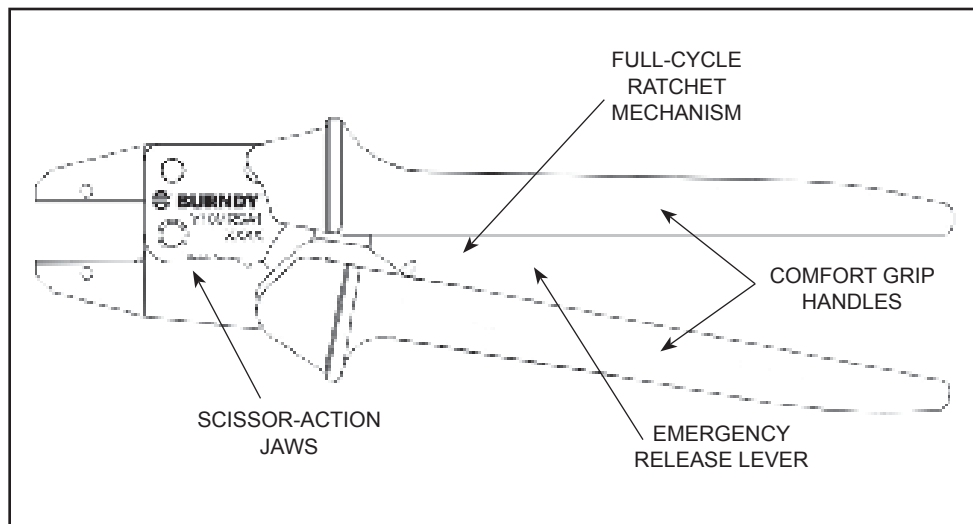


J-DIES
(sold separately)

FOR USE ON

Die Set (Sold Separately)	Connector Series (#22 - #10 AWG)	Insulation Type
J1022NC1	YAE, YAE-N, YAE-N-F, YAE-Z	Nylon
J1022NC2	YAEV, YAEV-L YAEV-H, YAEV-RH, YAEV-RS	Nylon
J1022NC3	TN, YAES, TN-F, YAES-F, SN, YSE-HN	Nylon
J1022NC4	TP, BA, TP-F, BA-EF, TP-Z, BA-EZ, TP-LF, BA-EL, SP, BS	Vinyl
J1022NC5	T, YAD, T-F, YAD-F, YAV, YAV-L, YAV-H, YAV-R, YAV-RS, YAV-T-F, YAV-H-F, YAV-Z YSV, YSV-H, YSV-L	Bare*

*wire barrel only



Y122CMR

HYTOOL™

Ergonomic Full Cycle Ratchet Hand Tools

#12 – #2 Copper HYDENT™ Terminals and Splices

Type Y122CMR mechanical full cycle ratchet HYTOOL™ will accommodate copper compression HYDENT™ connectors for #12 through #2 code conductor, #12 through #2 Class I flexible strand copper conductor, and #2 solid. The die index is embossed on the crimped connector for permanent inspectability.

The dies are color coded and stamped with the conductor size to provide an easy match of the die and proper BURNDY terminal or splice. A ratchet mechanism assures the tool must complete a full cycle before releasing.

The Y122CMR ergonomic full cycle ratchet tools provide a complete positive crimp each time. The ergonomic comfort grip handles reduce operator fatigue during continuous use. Each tool comes complete with a 5-year limited warranty.



Features and Benefits

- Ergonomic hand tools for crimping insulated and uninsulated terminals and splices
- Overmolded comfort grip handles reduce fatigue during continuous use
- Easy groove identification with color coded dies
- Full cycle ratchet tool to assure properly crimped connections
- Emergency release mechanism allows tool to open in case of misalignment or mistaken die choice
- UL Listed/CSA Certified connections when used with recommended BURNDY® terminals and splices
- 5-year limited warranty

SPECIFICATIONS

Length: 10.5"
Height: 3"
Width: 1"
Weight: 1.3 lbs

Y122CMR

Wire Range: #12-#2 AWG Class B
#12-#2 Class I Flex
#2 Solid & #3 Stranded

Y122CMRKIT

Kit Contains:

Y122CMR Full-cycle Ratchet Tool
Sturdy Metal Carrying Case

Terminals:

YAV102TC14,
YAZV10TC14,
YAZV102TC14,
YAZ8CTC14,
YAZ8C2TC38,
YAZ6CTC14,
YAZ6C2TC14,
YAZV6C2TC14FX,
YAZ6C2TC38,
YAZ6C2TC38SLBOX500,
YAZ4C2TC38,
YAZ3C2TC14,
YAZ3C2TC38SLBOX500,
YAZ2C2TC38,
YAZV2C2TC14FX,
YAZ2C2TC38SLBOX500

Cu Lug and Splice Connectors			
Copper Wire Size	Connector Catalog Types	Die Index # (Color)	# of Crimps
#12 - #10 AWG	YAV10- YAV102TC- YAZV10TC- YAZV102TC-	(Yellow)	2
# 8 AWG Code	YAZ8C- YAZ8C-	49 (Red)	2
#6 AWG Code & Flex	YAZ6C- YAV6C- YAZ6C- YAZ6C- YAZ6C-	7 (Blue)	2
#4 AWG Code & Flex	YAZ4C-	8 (Gray)	2
#3 AWG #2 Sol.	YAZ3C- YAZ3C-	9 (White)	2
#2 AWG Code & Flex	YAZ2C- YAZV2C- YAZ2C-	10 (Brown)	2

Die Index Number Embossment on Connector after Crimp for inspection verification

Y1MRTC

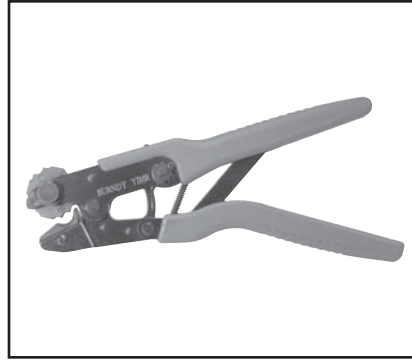
HYTOOL™

#8 – #1 Copper HYDENT™
Terminals, Splices, and #6 – #6
Thin-Wall C-Taps

Type Y1MRTC mechanical full cycle ratchet HYTOOL™ will accommodate copper compression HYDENT™ connectors for #8 through #1 code conductor, #8 through #2 Class I flexible strand copper conductor, and #2 solid. The color coded die wheel rotates to provide a proper match of the die and color coded connector. The die index is embossed on the crimped connector for permanent inspectability. A ratchet mechanism assures the tool must complete a full cycle before releasing.

SPECIFICATIONS

Length: 9.875"
Height: 2.72" (closed)
Width: .73"
Weight: 1.7 lbs.



Features and Benefits

- Rotating die is color coded to match color coded connectors.
- Die index embossment allows permanent inspectability of installed connectors to insure consistently reliable and dependable connections.
- Molded comfort grips reduce fatigue during continuous use.
- Ratchet mechanism assures a complete crimp every time.
- Emergency release mechanism allows tool to be removed from connector in case of mistaken die choice or to reposition tool.
- 5-year limited warranty.

FOR USE ON

Cu Lug and Splice Connectors				
Copper Wire Size	Connector Catalog Types	Die Index # (Color)	# of Crimps Per Barrel Length	
			Std	Long
#8 AWG Code & Flex	YA8C- YS8C- YAV8C- YSV8C-	49 (Red)	1	2
#6 AWG Code	YA6C- YS6C-	7 (Blue)	1	2
#6 AWG Code & Flex	YAV6C- YSV6C-			
#4 AWG Code	YA4C- YS4C-	8 (Grey)	2	4
#4 AWG Code & Flex	YAV4C- YSV4C-			
#3 AWG #2 Sol.	YA3C- YS3C-	9 (White)	2	4
#2 AWG Code	YA2C YS2C-	10** (Brown)	2	4
#2 AWG Code & Flex	YAV2C- YSV2C-			
#1 AWG Code	YA1C- YS1C-	11** (Green)	2	4

** Die Index 10 (Brown Die) and 11 (Green Die) use the same die wheel crimp groove. Die Index Number Embossment on Connector after Crimp for inspection verification.

Y1MRTC

Wire Range: #8-#1 AWG Class B,
#8-#2 Class I Flex.
#2 Solid & #3 Stranded

Y1MRKIT

Kit Contains:
Y1MRTC Full-cycle Ratchet Tool
Sturdy Metal Carrying Case
Terminals:

YA8CL, YA8CL1, YA6CL,
YAV6CLTC14FX, YA4CL,
YAV4CLTC516FX, YA2CL,
YAV2CLTC516FX, YA1CL

Splices:
YS8CL, YS6CL, YS4CL,
YS2CL, YS1CL

Y1MRTCKIT

Kit Contains:
Y1MRTC Full-cycle Ratchet Tool
Sturdy Metal Carrying Case
Terminals:

YA8CL2TC14 YA8CL2TC38
YA6C2TC38 YA6CL2TC14
YA6CL2TC14E1 YA6CL2TC14E2
YA6CL2TC38 YAV6CL2TC14E2FX
YAV6CL2TC14FX YA4CL2TC14
YA4CL2TC38 YA3C2TC38
YA2C2TC38 YA2CL2TC38
YA2CL2TC14

Thin-Wall C-Taps:
YC4L12

Cu C-Tap Connectors

Catalog Number	Wire Size Cu Str. AWG		Die Index # (Color)	# of Crimps
	Run	Tap		
YC10L12	14	16-14	49 (Red)	1
	12	16-14		
	10	16		
YC8L12	10	10	7 (Blue)	1
	8	12		
YC6L12	8	10-8	8 (Grey)	1
	6	12-10		
YC4L12	6	8-6	10 (Brown)	2
	5,4	12-8		

M8ND

HYTOOL™

Full Cycle Ratchet Hand Tool

#8-26 AWG Terminals and Splices

Hand-held full cycle ratchet tool for #8-26 AWG terminals and splices. Full cycle feature builds in reliability and removes the human element from the completed installation. Long handles provide greater leverage. 5-year limited warranty.



Features and Benefits

- Fully protected ratchet mechanism
- Reinforced heavy duty back
- Long handles provide greater mechanical advantages
- Uses all standard BURNDY® "N" dies
- Easy groove identification with color coded dies
- 5-year limited warranty

SPECIFICATIONS

Length: 10-3/4"
Width: 1-3/4"

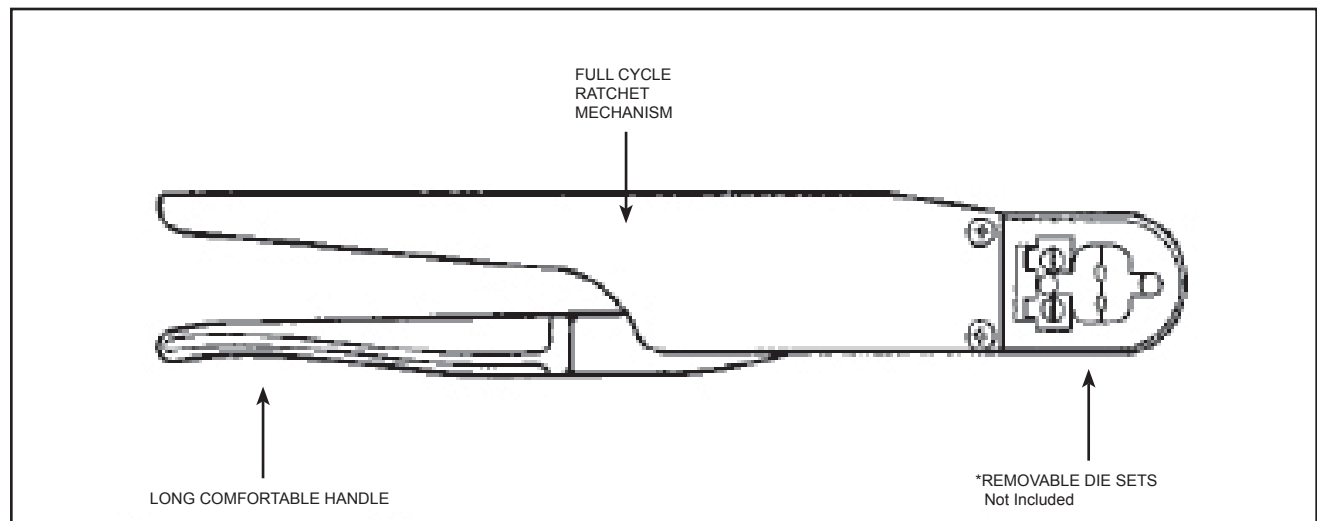
FOR USE ON

Terminals

- | | |
|---------|-------|
| YAD | BA-E |
| YAD-F | BA-EF |
| YAE | BA-ES |
| YAE-F | BA-EZ |
| YAE-Z | BA-EL |
| YAES | |
| YAEV-H | |
| YAEV-L | |
| YAV | |
| YAV-F | |
| YAV-H | |
| YAV-H-F | |

Splices

- | | |
|-------|-------|
| YSV | YSM |
| YSV-H | YRV-L |



N-57

MRC840 AND MRC840AL

HYTOOL™

Hand-Operated Tool

#8 - 4/0 AWG Non-Insulated Copper and Aluminum Terminals and Splices

The MRC840 Mechanical Rotating Crimp Tool will accommodate copper compression BURNDY® copper compression YA and YS series of HYLUG™ and HYLINK™ terminals and splices from #8 - 4/0 AWG stranded copper conductor. The MRC840AL Mechanical Rotating Crimp tool for Aluminum HYLUG™ and HYLINK™ terminals and splices from #8 - 4/0 AWG aluminum and copper conductors. Butting steel jaw and over center cam action assure full crimp force.

The rotatable die wheel is color-coded and stamped with the conductor size to provide an easy match of the die and color-coded BURNDY® HYDENT™ terminals and splices. YA, YS, YA-A and YS-A series of copper and aluminum terminals and splices are UL Listed when installed with these tools. Each tool comes complete with a 5-year limited warranty.



SPECIFICATIONS

Length: 26"
Height: 8"
Weight: 8-1/4 lbs

FOR USE ON

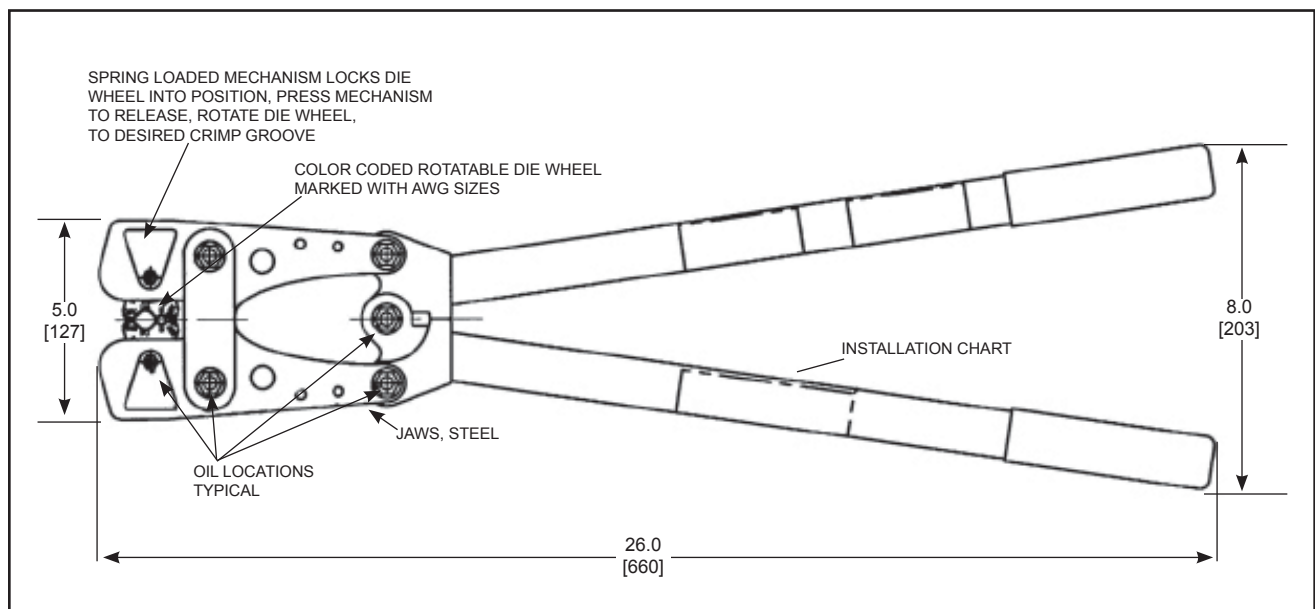
MRC840 #8 - 4/0 AWG Copper Terminals and Splices (YA, YA-L, YS, YS-L)

MRC840AL #8 - 4/0 AWG Aluminum Terminals and Splices (YA-A, YS-A)

Features and Benefits

- Comfort grip handles
 - ◇ Aids in prevention of hand slippage, reduces fatigue during continuous use
- Heat treated steel jaws
 - ◇ Reduces jaw buckling and misalignment under heavy loading
- Approximately 9000 crimp cycle life
 - ◇ Lasts longer than imitations and will still be working when others have worn out
- Multiple grip selections on rotatable die wheels
 - ◇ No lost dies, 9 position color-coded rotatable die wheels
- High strength fasteners
 - ◇ Increase tool life by reducing tool wear
- Plated jaws
 - ◇ Provide enhanced corrosion protection
- Engraved crimp groove (Die index number)
 - ◇ Die index embossment allows permanent inspectability of installed connectors to ensure consistently reliable and dependable connections

N-58



MY28, MY29 Series

DIELESS HYTOOL™

#8 Str. through 250 kcmil Copper,
#8 Str. through 4/0 str. Aluminum
Conductors

Features and Benefits

- Save on capital investment with the type MY HYTOOL™ that accommodates a wide range of connector/conductor combinations from #8 str.-250 kcmil
- Save time, money, and lower installed cost with the original dieless MY tool design. No separate dies required to purchase or to lose
- Fast and easy tool setting for the connector/conductor combination simply by aligning the white scribe on the nest die with the wire size on the gauge for proper crimping results
- Easy to adjust nest die with knurled steel knob and machine threads
- Quality tool with precision machines indenter, component parts and tool body
- Fast, medium and high volume crimping is easily accomplished by bench mounting the type MY tool in the BMY-BCH-MT bench mount adapter. A single bolt holds the MY HYTOOL™ securely using the 0.31 dia. mounting hole in the bench mount adapter



- High quality rugged tool design manufactured from heavy duty forged steel with strong reinforced back and handles
- Covered handles available on the MY29-3C, MY29-11C and MY29-3CF HYTOOL™
- Comfort grip handles for long periods of usage
- Compression terminals and splices are UL Listed and CSA Certified when installed with type MY HYTOOL™
- 5-year limited warranty

SPECIFICATIONS

Length: 22.65"
Weight: 8 lbs approx.
Depth: 4.86"
Width: 1.12"

FOR USE ON

TOOL	CONNECTORS
MY29-3 MY29-3C MY29-3CF	Copper-YA, YA-L, YS-L Aluminum-YA-A, YS-A
MY29-11 MY29-11C	Copper-YA, YA-L, YS YAV-FX YS-L, YAV-L, YSV-L
MY28	YAV-L, YSV-L
MY28-4	YAV-A-L, YSV-A-L, YAV-A-R
MY28-6	YAE-L, YAEV-RS, YAEV-H, YAEV-RH

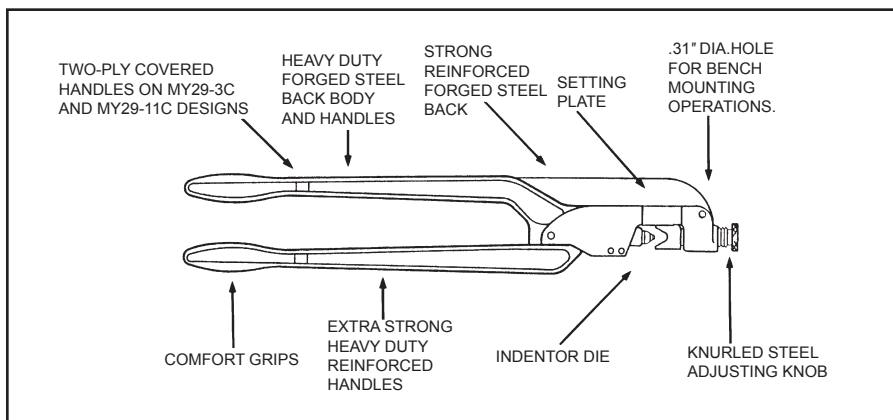
ACCESSORIES

BMY-BCH-MT Bench Mount Adapter

MY29 UNIVERSAL KIT Contents:

MY29-11	1 EA
YA8CLBOX	50 EA
YAV6CLTC14FX	50 EA
YAV4CLTC516FX	50 EA
YAV2CLTC516FX	50 EA
YAV1CLTC38FX	50 EA
YAV25LTC38FX	10 EA
YAV26LTC516FX	10 EA
YAV27LTC12FX	10 EA
YAV28LTC12FX	10 EA
YA29LBOX	10 EA
CASE	1 EA

MY29-3	#8 str.-250 kcmil Copper commercial (code) cable
MY29-3C (covered handles)	30 Navy-250 Navy Copper Navy Cable
MY29-3CF (fully covered)	#8 str.-4/0 str. Aluminum commercial (code) cable
MY29 UNIVERSAL KIT	#8 str.-250 kcmil Copper commercial (code) cable
MY29-11	30 Navy-250 Navy Copper Navy cable
MY29-11C (covered handles)	#8 str.-4/0 str. Flexible copper mine machine cable
MY28	#8 str.-4/0 str. Copper aircraft cable
MY28-4	#8 str.-4/0 str. Aluminum aircraft cable
MY28-6 (nylon covered connector)	#8 str.-2/0 str. Copper aircraft cable (flexible)



OH25

HYTOOL™

One-Hand Operation,
Dieless, Full Cycle Ratchet Tool

Installs Service Entrance
Splice Connectors
Conductor range: #10 through 1/0

The OH25 incorporates a full cycle ratchet and cam mechanism allowing an easy, one-hand crimping operation. The ratchet mechanism provides for properly completed crimps every time before the tool can be removed from the connection. The OH25 is designed to install 5/8" INSULINK™ and LINKIT™ service entrance connectors with only (1) crimp per connector end, speeding installation time. The single crimp covers the complete contact area, eliminating possible overlapping or failure to make the proper number of crimps. 5-year limited warranty.



SPECIFICATIONS

Handle force: 50 lbs max.
Max force developed: 6,000 lbs
Weight: 2 lbs. 11 oz
Length: 12-1/4"

ACCESSORIES

Cat. No.	Description
PT4583	Leather Holster
PT8504	No-Go Gauge The PT8504 NO-GO Gauge is used to check the OH25 HYTOOL™ crimp dimensions

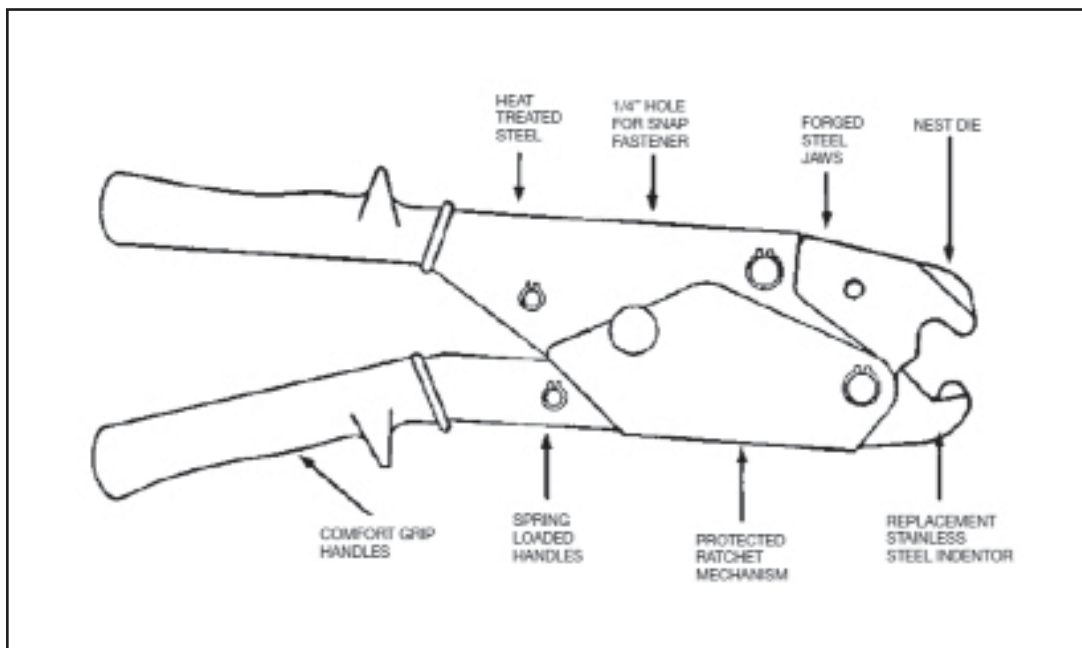
Features and Benefits

- One crimp speeds installation
- No dies to lose
- Long dependable life with forged steel jaws and stainless steel indenter
- Convenient hole to hang tool
- Protection of internal parts provides long life
- Ratchet mechanism provides proper crimp and uniform quality installations
- Easy one-hand tool operation with spring loaded comfort grip handles
- Proven reliable with years of dependable service
- 5-year limited warranty

FOR USE ON

- 5/8" Service Entrance Sleeves
- INSULINK™ Type ES (insulated) #10 through 1/0 str.
- LINKIT™ type YSU (bare) #8 through 1/0 str.
- 5/8" neutral tension sleeves HYSPLICE™ types YS-S, YCS-R, YDS-AT #4 through 1/0
- AYP HYPLUG™ #6-1/0 str.

N-60



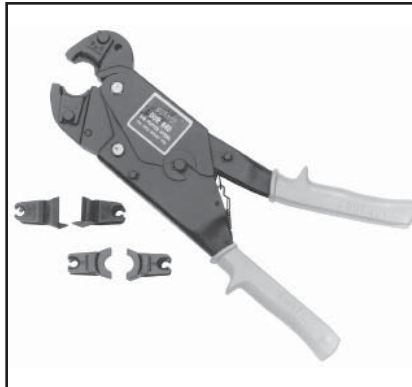
OUR840

840 POPPER™ HYTOOL™

One-Handed Operation, Overhead/
Underground, Full Cycle Ratchet Tool
Installs a Range of Connectors
(Taps, Splices, Terminals)

The OUR840 incorporates a full cycle ratchet and cam mechanism allowing an easy, one hand crimping action. Designed for low maintenance operation. The OUR840 has a five (5) year limited warranty. The ratchet mechanism provides for properly completed crimps every time before the tool can be removed from the connection. With nest and indenter dies, it will install 5/8" INSULINK™ and LINKIT™ service entrance connectors with only one (1) crimp per end. With the use of reduced handle force "X" dies, additional splices, taps, and terminals can be properly installed. The die inserts snap into the permanent groove easily with one hand and lock securely in the tool with the spring loaded positive lock die retainer buttons. Tool operation is simple:

- A. Slip the tool over the connector
- B. The first few strokes grip the connector
- C. Stroke until automatic tool release signifies a completed compression



Features and Benefits

- Allows proper crimping of sleeves and terminations in crimping underground applications
- Proper crimps are assured with butting surface inspection and full cycle ratchet mechanism
- Uses reduced handle force "X" dies
- One tool for most service applications
- Improved service through redesign and improvement of many internal parts
- Easier tool operation is provided with mini strokes and anti-slip grips
- Nest and indenter dies available
- W28K cutter die permits use of OUR840 tool as a cable cutter. Conductor range: #4-4/0 ACSR, Aluminum and Copper
- UL Listed connections when color coded "X" dies are used on BURNDY® connectors

SPECIFICATIONS

Max. Crimp Force: 8,000 lbs
Max Handle Force: 8 lbs. approx.
Weight: 2 lbs. 14 oz.
Length: 13"

FOR USE ON

SELECTED APPLICATIONS
Copper Conductors from #8 AWG to 250 kcmil
Aluminum Conductors from #8 AWG to 4/0 AWG

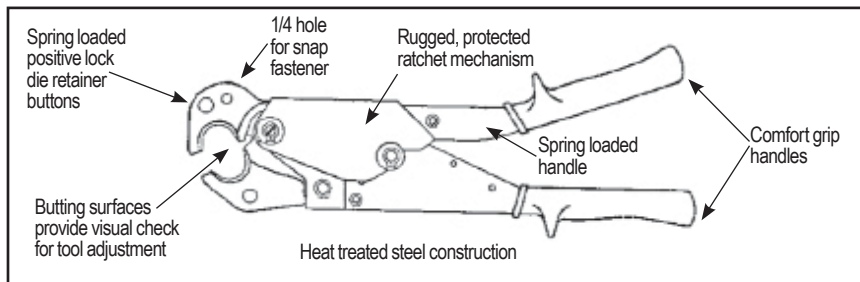
ACCESSORIES

Cat. No.	Description
PT4583	Leather Holster: <ul style="list-style-type: none"> • Top grain cowhide saddle leather • Large grommet (Order Separately)
OUR840-WC	Metal carrying case with die tray: <ul style="list-style-type: none"> • Holds one (1) OUR840 and up to eleven (11) "X" dies. Dies Sold Separately

OUR840 Dies:

X-Dies Catalog Number	Die Index	Recommended "W" Die Crimp Ratio
XNBG	BG	2*
XBG	BG	2
X161	161	3*
X241	241	2
X245	245	2
X247	247	2
X249	249	2
X660	660	2
X840	840	1
XOH25	-	OH 25 Equiv.

* Overlap crimps
* "W" Dies with a die index listed above are not recommended for the OUR840. Since the standard "W" Dies are wider than the "X" Dies, additional crimps are required depending on the connector and the die index.



Copper Conductor	Copper Connector		Color Code	Die	OUR-840		
	HYLUG™ Terminal	HYLINK™ Splice			Die Index	# Crimps	
						Std.	Long
#8 AWG Str.	YA8C-	YS8C-	Red	X8CRT	49	1	2
#6 AWG Str.	YA6C-	YS6C-	Blue	X5CRT	7	1	2
#5 AWG Str.	YA5C-	YS5C-	Blue	X5CRT	7	1	2
#4 AWG Str.	YA4C-	YS4C-	Gray	X4CRT	8	1	2
#2 AWG Str.	YA2C-	YS2C-	Brown	X2CRT	10	1	2
#1 AWG Str.	YA1C-	YS1C-	Green	X1CRT	11	1	2
1/0 AWG Str.	YA25-	YS25-	Pink	X25RT	12	2	4
2/0 AWG Str.	YA26-	YS26-	Black	X26RT	13	2	4
3/0 AWG Str.	YA27-	YS27-	Orange	X27RT	14	3	6
4/0 AWG Str.	YA28-	YS28-	Purple	X28RT	15	3	6
250 kcmil	YA29-	YS29-	Yellow	X29RT	16	4	8

W-VT Dies may be substituted

Aluminum Conductor	Aluminum Connector		Color Code	Die	OUR-840	
	HYLUG™ Terminal	HYLINK™ Splice			Die Index	# Crimps
#8 AWG Str.	YA8CA-	YS8CA-	Blue	X8CART	374	2
#6 AWG Str.	YA6CA-	YS6CA-	Gray	X5CART	346	2
#4 AWG Str.	YA4CA-	YS4CA-	Green	X4CART	375	3
#2 AWG Str.	YA2CA-	YS2CA-	Pink	X2CART	348	4
#1 AWG Str.	YA1CA-	YS1CA-	Gold	X1CART	471	3
1/0 AWG Str.	YA25A-	YS25A-	Tan	X25ART	296	4
2/0 AWG Str.	YA26A-	YS26A-	Olive	X26ART	297	4
3/0 AWG Str.	YA27A-	YS27A-	Ruby	X27ART	467	4
4/0 AWG Str.	YA28A-	YS28A-	White	X28ART	298	6

MD6-8

HYTOOL™

Hand-Operated Tool

Installs full range of connectors (taps, splices, terminals): #14 through 4/0
Applications: Full Tension and Non-Tension

The MD6-8 installs almost all of the line, pole and house connections in the BURNDY Compression Connector Program with only one (1) extra die set (W-BG). The tool has two (2) permanent die grooves, "O" and "D3" for distribution tap connectors. The "D3" groove also serves as a seat for die inserts to install additional splices, taps and terminal connectors. The die inserts snap into the D3 groove easily with one hand and lock securely in the tool with the spring loaded positive lock die retainer buttons.

The MD6 series of tools have a five (5) year warranty and are designed to provide over 90,000 reliable crimps installing full-tension and non-tension connectors.

The MD6-K accepts KEARNEY™ type "O" dies and BURNDY® "W" and "X" dies with the KWADP adapter.

KEARNEY™ is a registered trademark of COOPER TECHNOLOGIES COMPANY.

Features and Benefits

- Proper crimps are assured with butting steel jaws
- Increased strength and greater bearing area is provided with larger steel bolts
- Fast, easy, one-hand die insertion
- No lost dies with spring loaded positive lock die retainer buttons
- Over 90,000 crimps provided with Teflon impregnated steel backed bronze bushings
- Full crimp force assured with over center cam action
- Easy tool adjustment with allen wrench
- Operator protection provided with butt stops and heat shrink tubing
- Long life expectancy provided with select clear hickory handles and lightweight high strength aluminum alloy castings
- Easier tool operation is provided with bent handles and anti-slip grips



MD6 Tool Variations

- MD6** Standard MD6 with permanent "BG" (5/8) and "D3" grooves. Installs CABLELOK CRIMPIT™ and HYCRIMP™ Tap Connectors with one additional die insert (W-O). All other tool features and connector ranges are the same as the MD6-8 described above.
- MD6-4** Standard MD6 with permanent "BG" (5/8) and "D3" grooves and straight fiberglass handles 24" long. Fiberglass rated at 100 kV per foot for 5 minutes.
- MD6-14** Standard MD6 with permanent "BG" (5/8) and "D3" grooves and straight fiberglass handles 19" long including bent aluminum grips.
- MD6-12** Standard MD6-8 jaws with permanent "O" and "D3" grooves and straight fiberglass handles 24" long. Fiberglass rated at 100 kV per foot for 5 minutes.
- MD6-6** "Snub-Nose" variation of MD6 has a permanent "D3" groove in jaw. Recommended for use where space for tool jaw is limited.
- MD6-37** Permanent 161, 162, 163, 171 dies in the jaw (J, M & P, T & X).
- MD6-38** Permanent K, BG, C, dies in the jaw.
- MD6-K** "Snub-Nose" permanent KEARNEY™ groove.

SPECIFICATIONS

- Crimp Force:** 9,000 lbs
Length: 25-3/8"
Weight: 6 lbs

Quality Unsurpassed!

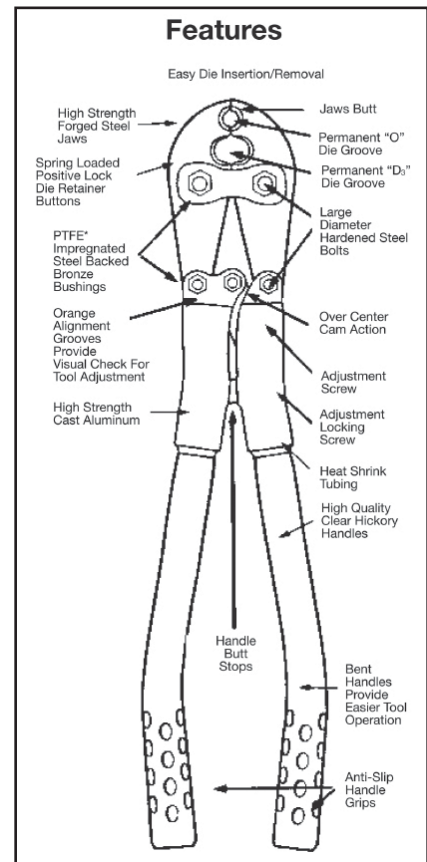
Life cycle tested under full operating forces for over 90,000 cycles successfully without adjustment or any parts replacement.

FOR USE ON

- Copper, Aluminum, ACSR, Copperweld, Alumoweld, Steel, 6201 5005, Compressed and compact conductors
- Copper Taps: #10 sol. - 2/0 str.
- Aluminum, ACSR Taps: #14 sol. - 4/0 ACSR
- Stirrups: #6 ACSR - 4/0 ACSR
- Overhead Full Tension Deadend, Full Tension Splices, Non Tension Splices, and Terminals Conductor Range: #10 str. - 4/0 ACSR
- Code conductor connectors: #6 - 4/0 str. Copper and Aluminum

To Check Tool Adjustment

Simply close the tool handles until the jaws initially butt. When the orange alignment grooves are in line, the tool is in correct adjustment.



MD7 POSI-PRESS™

HYTOOL™

Hand-Operated Tool

Installs full range of connectors, (taps, splices, terminals):
 #14 AWG through 4/0 AWG

Applications: Full-Tension and Non-Tension



SPECIFICATIONS

- Crimp Force:** 9,000 lbs
60 lbs Handle Force
- Length:** 25"
- Width:** 8" (at handle end)
4-1/2" (at jaw end)
- Weight:** 7 lbs

Unsurpassed Quality that no one else can match!

Life cycle tested under the full range of operating forces for over 99,000 cycles successfully without failure or any parts replacement.

The MD7 POSI-PRESS™ HYTOOL™ is a composite polymer handle installation tool that requires no adjustment for the life of the tool. This assures users of the MD7 tool, that all connections installed with the MD7 POSI-PRESS™ HYTOOL™ are consistent and reliable over the life of the tool. This new technology tool provides a visual wear indicator that makes verification of the tool's condition easy to determine. Once the tool has worn beyond its useful life, it can be returned to the BURNDY® Tool Repair Center for re-fitting at a fraction of the price of a new tool.

The MD7 series of tooling has a 5 year warranty and is designed to provide over 99,000 reliable crimps installing both full-tension and non-tension connectors.

The MD7-8 POSI-PRESS™ HYTOOL™ installs almost all of the line, pole, and house connection in the BURNDY® Compression Connector Program with only one (1) extra die set (W-BG). The MD7-8 tool has two (2) permanent die grooves, "O" and D3" for distribution tap connectors. For other tool versions, see the MD7 Tool Variations sections below. The "D3" groove also serves as a seat for die inserts to install splices, taps, and terminal connectors. The die inserts snap into the "D3" groove easily with only one hand, and lock securely in the tool with the spring loaded, positive lock, die retainer buttons. Handles have been tested at 100 kV per foot for 5 minutes.

Features and Benefits

- Ergonomically designed, one-piece, composite polymer handles
- Comfort grip handles
- Time-proven steel jaw designs
- No tool adjustment required
- 99,000 crimp/cycle life
- Positive lock, spring loaded die retainer buttons
- Permanent "D3" die groove
- PTFE impregnated steel/bronze bushings and stainless steel pins
- Electroless nickel plated jaws and jaw links
- Easier tool operation due to unique handle design, and anti-slip grips
- Improves operation by preventing slipping
- Proper crimps are assured with butting jaws
- Provides reliable and consistent crimps every time
- Lasts up to 6 times longer than cheap imitations, and will still be working when others have long since worn out
- No lost dies and one-hand die insertion
- Allows use of the complete line of BURNDY® "W" and "X" die inserts
- Increases life of tool by reducing tool wear
- 5-year limited warranty

FOR USE ON

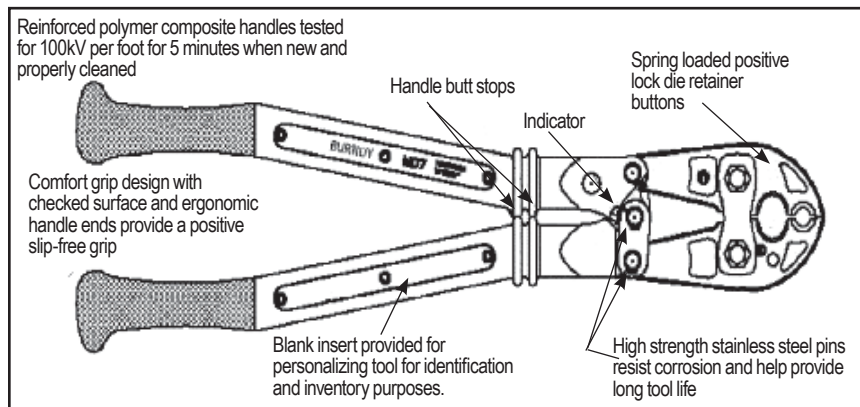
- Copper, Aluminum, ACSR, Copperweld, Alumoweld, Steel, 6201, 5005 Compressed and compact conductors
- Copper Taps: #10 sol. - 2/0 str.
- Aluminum, ACSR Taps: #14 sol. - 4/0 ACSR
- Stirrups: #6 ACSR - 4/0 ACSR
- Overhead Full Tension Deadend, Full Tension Splices, Non Tension Splices, and Terminals Conductor Range: #10 str. - 4/0 ACSR
- Code conductor connectors: #6 - 4/0 str. Copper and Aluminum

MD7 Tool Variations

MD7-8 MD7 with permanent "O" and "D3" grooves. Installs almost all of the line, pole, and house connections in the BURNDY® Compression Connector Program with only one (1) extra die set (W-BG).

MD7-6 "Snub-Nose" variation of MD7 has a permanent "D3" groove jaw. Accepts the full-line of BURNDY® "W" and "X" die inserts. Recommended for use where space for tool jaw is limited.

MD7 Standard MD7 with permanent "BG" (5/8) and "D3" grooves. Installs CABLELOK™ CRIMPIT™ and HYCRIMP™ Tap connectors with one (1) additional die insert (W-O). All other tool features and connector ranges are the same as the MD7-8.



N-63

MD7-34R POSI-PRESS™

HYTOOL™

Hand-Operated Full Cycle Ratchet Tool

The MD7-34R POSI-PRESS™ HYTOOL™ has a full stroke ratchet that assures the user has cycled the tool completely for a consistent crimp every time. The tool handles are manufactured from a new reinforced composite polymer that requires no adjustment for the life of the tool. This new tool design assures users that all connections installed with the MD7-34R are consistent and reliable over the life of the tool. A visual wear indicator provides easy verification of the tool's condition. An emergency ratchet release allows tool removal in case of mistaken die choice or to reposition tool. The MD7-34R crimps color coded lugs and splices for #8-500 kcmil class B code conductor and #8-350 kcmil Cu Flex conductor. It will also crimp thin wall C-Taps from #12 - 3/0 AWG class B code conductor. The color coded W-VT dies snap into the jaw grooves easily with only one hand and lock securely into the tool with the spring loaded, positive lock, die retainer buttons. The die index number is engraved in the crimping groove to emboss the finished connection. This makes inspection and verification of proper installation an easy process. Due to the one piece handle design, if the tool ever wears beyond its useful life, it can be returned to the BURNDY® Tool Repair Center for refitting at a fraction of the price of a new tool. A rubber covered version, the **MD7-34R-C**, is available.



Features and Benefits

- Full Stroke Ratchet Mechanism
- Ergonomically designed, one piece, composite polymer handles
- Comfort grip handles
- Time-proven forged steel jaw designs
- No tool adjustment required
- Positive lock, spring loaded die retainer buttons
- PTFE impregnated steel/bronze bushings and stainless steel pins
- Color Coded Dies
- Die index embossed on finished connection
- Handle of reinforced composite polymer
- Easier tool operation due to unique handle design, and anti-slip grips
- Grips and handle knobs improve operation by preventing slipping

SPECIFICATIONS

- Crimp Force:** 9,000 lbs
- Length:** 26"
- Width:** 8" (at handles)
4-1/2" (at jaws)
- Jaw Covering:** EPDM Rubber (MD7-34RC)
- Handle Material:** Reinforced composite polymer
- Warranty:** 5 year Limited Warranty

MD7-34 Tool Variations

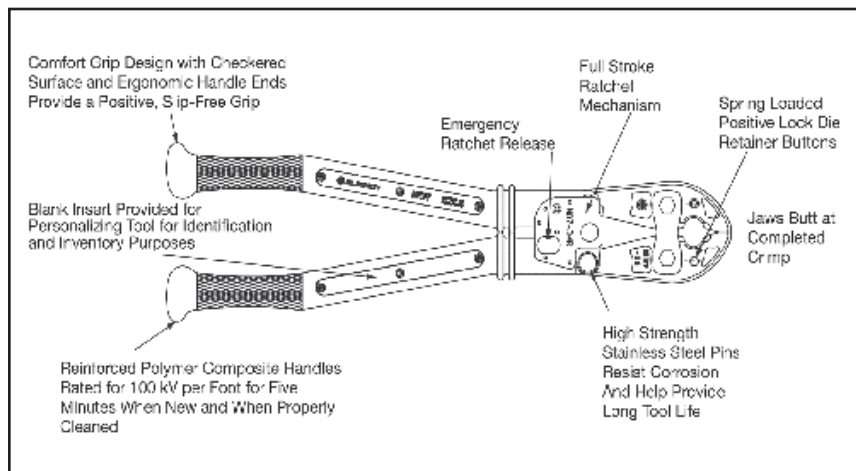
- MD7-34R** #8-500 Cu HYDENT™, Full Stroke Ratchet
- MD7-34R-KIT1** MD7-34R, metal carrying case and all dies for #8-500 kcmil Cu HYDENT™ and C-Taps
- MD7-34** Supplied without the ratchet mechanism
- MD7-34-KIT1** MD7-34, metal carrying case, and all dies for #8-500 kcmil Cu HYDENT™ and C-Taps for #12 - 3/0 AWG.

FOR USE ON

- Copper Lugs and Splices #8-500 kcmil Types YA, YA-L, YA-L-TC, YA-L-NT, YS-L, YS, YST, YA-TC
- Copper Lugs and Splices #8-350 kcmil Flex. Types YAV-L-TC-FX, YA-LB, YA-TC-FXB, YSV-L, YAV-L-NT-FX, YAV-L-FX, YAV-FXB
- Copper Battery Lugs #8-350 kcmil Flex Types YAG-TC-LD
- Thin wall C-taps #12 - 3/0 AWG Types YC-L

- Butting jaws assure proper crimps
- Wear indicator allows instant inspection of calibration
- Full cycle ratchet assures complete consistent crimp
- High grade hardware increases tool life and durability
- Allows use of complete line of BURNDY® W-VT, W-RT and X-RT series dies
- Color Coded dies simplify selection of correct connector and die combinations
- Die index embossment on crimp provides easy inspection and quality assurance
- 99,000 crimps without needing adjustment
- 5-year limited warranty

N-64

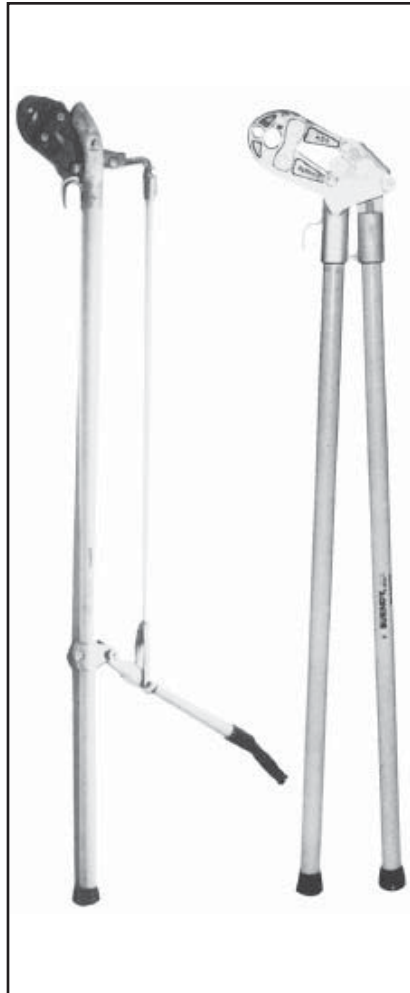


MD6 HOTSTICK TOOLS

The MD6 Type Hotstick tools incorporate either a pantograph toggle action handle or straight handles. They use standard MD6 Type jaws so that they will do everything the standard MD6 will do only they can be used for energized installations. The fiberglass handles are rated at 100 kV per foot for 5 minutes. 5-year limited warranty.

Features and Benefits

- The MD6-HS type Hot-Line Tool incorporates a pantograph, toggle-action design to install connectors with the same handle force as the standard MD6-type tooling
- Angled head and lightweight makes connector installation easier
- Supplied with MD6, MD6-6, and MD6-8 jaw variations
- The MD6-AH type Hot-Line Tool incorporates an angled head to make hard to reach hot-line connections easier
- Straight 48" fiberglass handles rated at 100 kV per foot for five minutes
- 5-year limited warranty

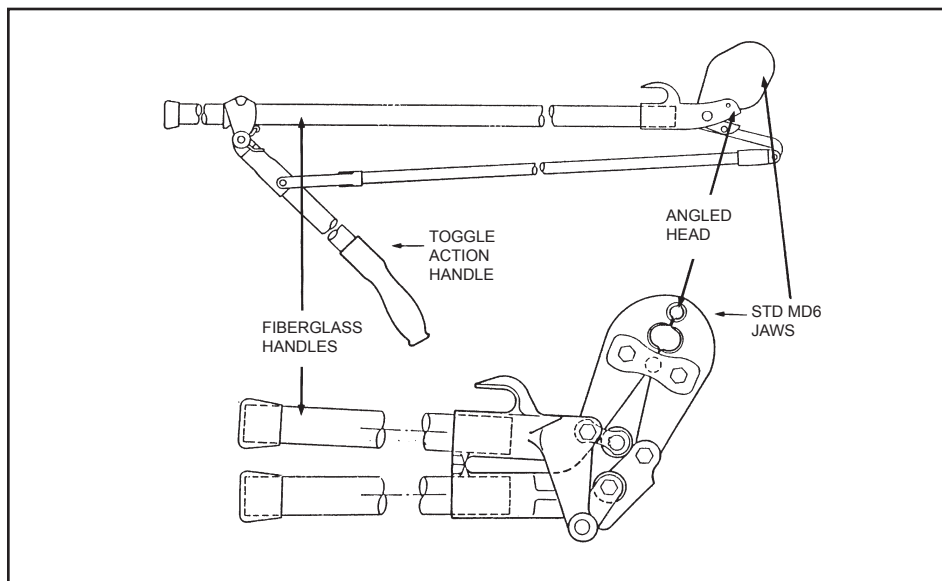


SPECIFICATIONS

Cat. No.	Handle Length	Weight/Lbs.
MD6HS60	60"	15.5
MD6HS72	72"	16.5
MD6-6HS60	60"	15.5
MD6-6HS72	72"	16.5
MD6-8HS60	60"	15.5
MD6-8HS72	72"	16.5
MD6-AH48	48"	13.75
MD6-8AH48	48"	13.75

FOR USE ON

- Copper, Aluminum, ACSR, Copperweld, Alumoweld, Steel, 6201, 5005, Compressed and compact conductors
- Copper Taps: #10 sol. - 2/0 str.
- Aluminum, ACSR Taps: #14 sol. - 4/0 ACSR
- Stirrups: #6 ACSR - 4/0 ACSR
- Overhead Full Tension Deadend, Full Tension Splices, Non Tension Splices, and Terminals
Conductor Range: #10 str. - 4/0 ACSR
- Code conductor connectors: #6 - 4/0 str.
Copper and Aluminum



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MD6/MD7

TOOLING ACCESSORIES

Dies for Special Applications

(See present installation tool index in reference section for complete W-Die listing.)

Cat. # **W-BG**

The W-BG die is a double groove die set requiring only one (1) crimp per end on service entrance sleeves and only 1/2 the number of crimps on other 5/8" sleeves.

Cat. # **W-28K**

The W-28K cutter die permits use of MD6/MD7 type tools as a cable cutter. Conductor range: 4-4/0 ACSR, Aluminum or Copper.

Protective Jaw Covers



Cat. # **MD6-CP1**

The laminated vinyl covers, are provided for the MD6/MD7 HYTOOL™ to avoid damage. Compact in size, the covers snap easily into place over the jaw edges without obstructing vision.

The MD6-CP1 fits all MD6/MD7 tool variations except the Snub-Nose MD6-6/MD7-6 type design. Supplied as a set.



Cat. # **PT6744**

The semi-rigid Neoprene cover, a nonconductive material, is provided for the MD6-6 "Snub-Nose" HYTOOL™ to avoid damage. Fits all MD6-6 Snub-Nose variations.



Non-Bowing Dies

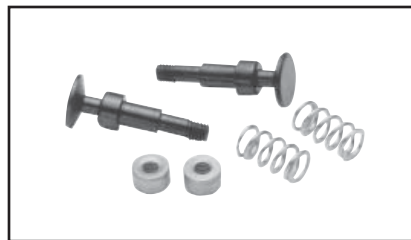
Cat. # **W-687** and **W-702**

The Non-Bowing die sets install one-piece, full-tension UNISPLICE™ sleeves on ACSR conductors without bowing.

UNISPLICE™ ONE-PIECE SLEEVES:

W-687 Installs: #4 ACSR 6/1, 7/1-YDS4RL and YDS4RLY
#2 ACSR 6/1-YDS2RL and YDS2RLY

W-702 Installs: #2 ACSR 7/1-YDS021RL and YDS021RLY
1/0 ACSR-YDS25RL and YDS25RLY



Cat. # **PT4931-1** Die Button Repair Kit



Cat. # **PT4925**

Canvas Bag

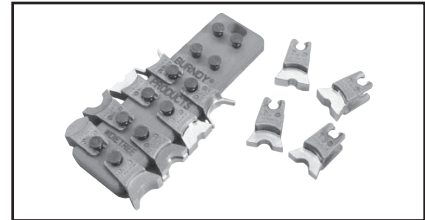
The PT4925 is a sturdy canvas bag for protecting the MD6/MD7 tools with or without rubber covers plus up to (9) die sets. Dies purchased separately.



Cat. # **CASEWDIES**

Compact Die Case

Compact die case for (12) "W" or "X" die sets. Dies purchased separately.



Cat. # **WDIETREE**

W Die Holder

This innovative W-Die Holder replaces the standard metal carrying case designed for BURNDY® W-Dies. Its straight forward design allows for easy insertion of the W-Dies onto the holder, providing greater flexibility and secure storage.



Cat. # **PT4952-1**

Steel Carrying Case

The PT4952-1 steel carrying case provides storage and protection for the MD6 tools with or without rubber covers plus up to (18) die sets. Tool and die sets not included. Fits MD6, MD6-6, MD6-8, MD6-14, MD6-37, MD6-38, MD7 and MD7-6.



Cat. # **PT6733**

Hot-Line Tool Carrying Bag

The PT6733 is a heavy-duty, adjustable canvas bag for the storage and protection of Hot-Line Tools. The bag accommodates 48, 60 and 72 variations of the MD6 and Y35 Hot-Line Tools.

WIREMIKE™

RK194-2

The wire mike is a useful instrument designed for measuring ACSR, stranded and solid conductors, I.P.S. tubing, rigid and thinwall conduit, plus inside and outside dimensions of tubing and pipe sizes. A ruler is also included.



FOR USE ON

- ACSR: #6 - 336.4 (26/7) str.
- Stranded: #18 str. - 2,000 kcmil
- Solid: #20 sol. - 4/0 sol.
- IPS Tubing (Cu/Al) & Rigid conduit: 1/4" - 2-1/2"
- Tubing sizes: 3-1/8" inside max. 2-15/16" outside max.
- Thinwall conduit: 3/8" - 2-1/2"

Features and Benefits

- Provides quick and easy identification of commonly used conductors (ACSR, stranded and solid AWG)
- Provides quick and easy identification of IPS tubing and rigid conduit
- Provides quick and easy identification of thinwall conduit
- Measures I.D. and O.D. of tubing
- Provides easy conversion of information
- Strong, durable, long lasting, high quality stainless steel wire mike
- Convenient size makes it easy to carry
- Available with your company name and logo. Customer must supply camera ready artwork. Contact BURNDY® for details. Minimum order required

Y6NCP1, Y6NCP1SD

PNEUMATIC OEM TOOL

The BURNDY® Y6NCP1 and Y6NCP1SD pneumatic tools are designed for OEMs seeking medium volume production tooling for crimping loose-piece terminals and splices. The tools offer a UL Listed connection for a wide variety of BURNDY® connectors.

With a 360° rotatable head, the Y6NCP1 and Y6NCP1SD are the perfect handheld presses for remote operation in confined work areas. Additionally they can be easily configured into a bench-mount design for prolonged, steady use.

Both tools come with a 1-year limited warranty.

Features and Benefits

- UL Listed connections when using BURNDY UL Listed connectors
 - ◊ Provide installer confidence
- Built-in safety features
 - ◊ Ensures safe set-up
 - ◊ Prevents accidental actuation
- 360° rotating head
 - ◊ Ease of use in confined areas
- J-dies provide high pull-out force
 - ◊ Reliable crimp performance
- SD-dies use an industry-standard die envelope
 - ◊ Dies fit in a wide variety of tools

Tool Supplied With

	Y6NCP1	Y6NCP1SD
Pneumatic crimp tool	✓	✓
Tool Case	✓	✓
1/8" NPT air hose	✓	✓
Crimp head for J-dies	✓	
J-dies		
Crimp head for SD-dies		✓
SD-dies		✓

ACCESSORIES

- Foot Switch : **Y6NCP1FTSW**
 Bench Mount Unit: **Y6NCP1BMNT**
 Crimp heads
 for J-dies: **J6NCP1CH**
 for SD-dies: **SD10NCP1CH**

See table for Die Specifications



Tool Specifications

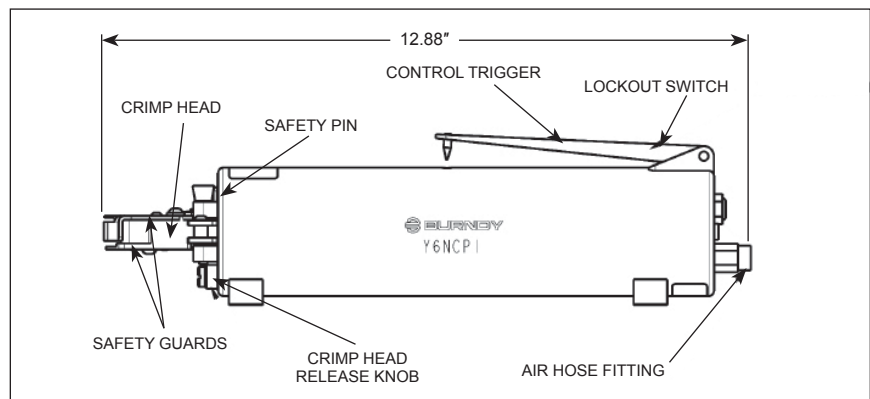
	Y6NCP1	Y6NCP1SD
Cable Sizes	#22 - #4 AWG	#22 - #10 AWG
Length:	12.88"	
Diameter:	2.55"	
Weight:	4.4 lbs.	
Air Pressure:	90-110 PSI	
Crimp Motion:	Scissor Action	
Safety Shield:	Yes	
Pull out Force:	Exceeds MIL Spec/SAE*	Exceeds UL 486A/B
Dies:	J-dies	SD-dies ¹

* Excludes YAES-TN terminals with #12 AWG wire.

¹ SD-die crimp profiles are identical to the MRE1022B and MRE1022NV crimp profiles.

Die Specifications

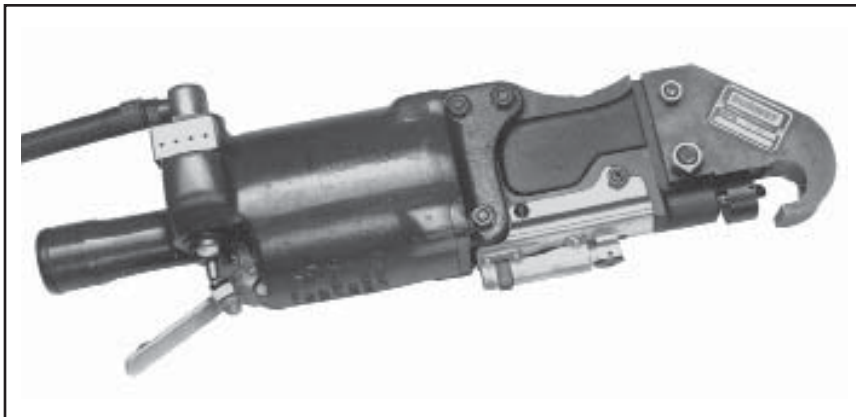
Y6NCP1 (J-dies & Y2CNC purchased separately)	Y6NCP1SD (SD-dies)	Range	Type	Applicable Connectors
J1022NC1	BECNVSD (die set included)	#22 - #10	Nylon	YAE, YAE-N, YAE-N-F, YAE-Z
J1022NC2				YAEV, YAEV-L, YAEV-H YAEV-RH, YAEV-RS
J1022NC3				TN, YAES, TN-F, YAES-F SN, YSE-HN
J1022NC4			Vinyl	TP, BA, TP-F, BA-EF, TP-Z, BA-EZ TP-LF, BA-EL, SP, BS
J1022NC5	BECBSD (die set included)		Bare	T, YAD, T-F, YAD-F, YAV, YAV-L YAV-H, YAV-R, YAV-RS, YAV-T-F YAV-H-F, YAV-Z, YSV, YSV-H, YSV-L
Y2CNC w/ J8CNC	-	#8	Bare	YA, YAV YS & YSV
Y2CNC w/ J6CNC	-	#6		
Y2CNC w/ J4CNC	-	#4		



Y29NC

PNEUMATIC HYPRESS™

The Y29NC Pneumatic HYPRESS™ operates on 85-100 PSI and will install insulated and uninsulated terminals from #8-2/0 copper. Uses DV type nest with Y29 type indenter.



Features and Benefits

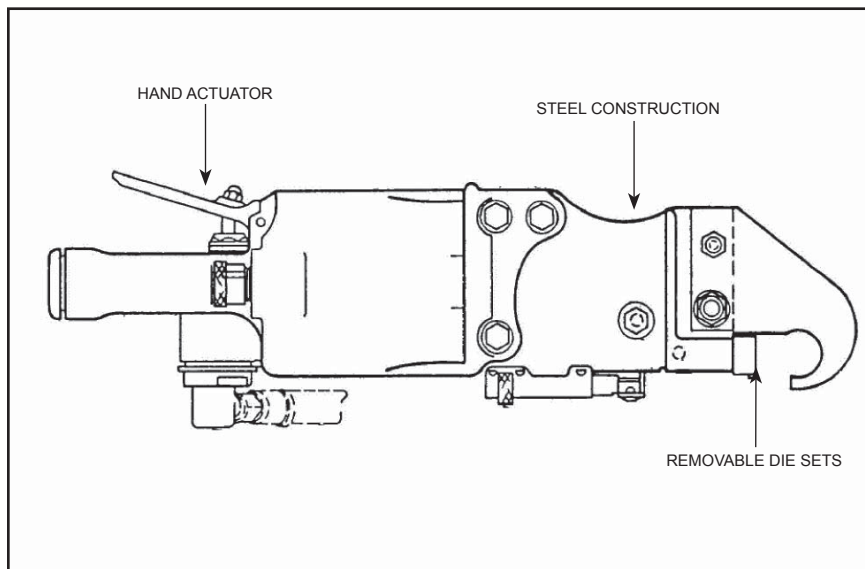
- Portable or bench mountable
- Adjustable blow off valve to ensure proper indenting force
- Uses DV type nest with Y29 type indenter
- Hand operated
- 5-year limited warranty

SPECIFICATIONS

Weight: 12-1/2 lbs
Length: 17-1/2"
Air line pressure: 85 - 100 PSI

FOR USE ON

Wire Range: #8-2/0 Cu
YAEV-L, YAEV-H, YAEV-RS, YAEV-RH, YAV-L,
YAV-R, YAV-RS, YSV-L, YSM



<u>Nest/Indenter</u>	<u>Die Index</u>
DV8L/Y29PL	38/631
DV8L/Y29PL	6/631
DV6LY29PL	39/632
D6CL/Y29PL	7
DV4L/Y29PL	40/633
D3CL/Y29PR	9
DV2CL/Y29PL	41/634
DV1L/Y29PR	42
DV25L/Y29PR	43
D26L/Y29PR	13
DV26L/Y29PR	44
DV8L/Y29PL	49



Micro-Adjustable “Click-Type” Torque Wrenches

The BURNDY® micro-adjustable torque wrenches, when used with BURNDY® mechanical connectors at the specified torque value, produces a consistent, quality connection.

The BURNDY® series of torque tools are professional grade and easy to operate. All wrenches incorporate an easy-to-read scale measured in inch pounds (in-lb) that can be easily matched to the recommended torque of each of our mechanical connector products. To set the desired torque, simply pull down the lock ring and turn the handle to the desired torque setting. Once set, the lock ring secures the torque setting. When the desired torque is reached, an impulse can be felt through the handle and an audible “click” can be heard.

All of the BURNDY® torque wrenches are calibrated for use in both directions. Each wrench is individually serialized with matching certificate of calibration traceable to N.I.S.T. and comes with a rugged plastic case for protection.

BURNDY® offers two torque wrench sizes each with a 3/8” drive and quick release button. The BTW30150 is designed to be used with all BURNDY® connectors requiring torque values from 30 to 150 in-lbs. The BTW150750 is for connections requiring 150 to 750 in-lbs. The BTW1575F12 is designed for applications requiring a 1/2” Drive and torque values from 15 to 75 ft-lbs. Torque wrenches carry a 1 year limited warranty.



Features and Benefits

- Ratcheting, calibrated, dual direction provides ease of use in the field
- Positive lock with spring-loaded pull-down lock ring assures the user that the torque setting is properly engaged and secure
- Scale settings on tool correspond to connector torque ratings (in-lb) to save time with fast, accurate and easy-to-set values
- Quick release button for interchanging sockets with ease
- Lightly knurled handle offers an ergonomic, non-slip grip
- Rugged metal handle withstands the rigors of professional use
- Micro-adjustable design minimizes the need for several wrenches
- Individually serialized and calibrated to offer user confidence that the torque wrench will provide the required torque
- Made in the USA

SPECIFICATIONS

Part Number: BTW30150
Torque Range: 30 - 150 in-lbs
Length: 10.15"
Weight: 0.90 lbs
Drive: 3/8"

Part Number: BTW150750
Torque Range: 150 - 750 in-lbs
Length: 16.00"
Weight: 2.50 lbs
Drive: 3/8"

Part Number: BTW1575F12
Torque Range: 15 - 75 ft-lbs
Length: 16.00"
Weight: 2.50 lbs
Drive: 1/2"

Accuracy: ±4% clockwise ±6% CCW of indicated value CW, from 20% to 100% of full scale

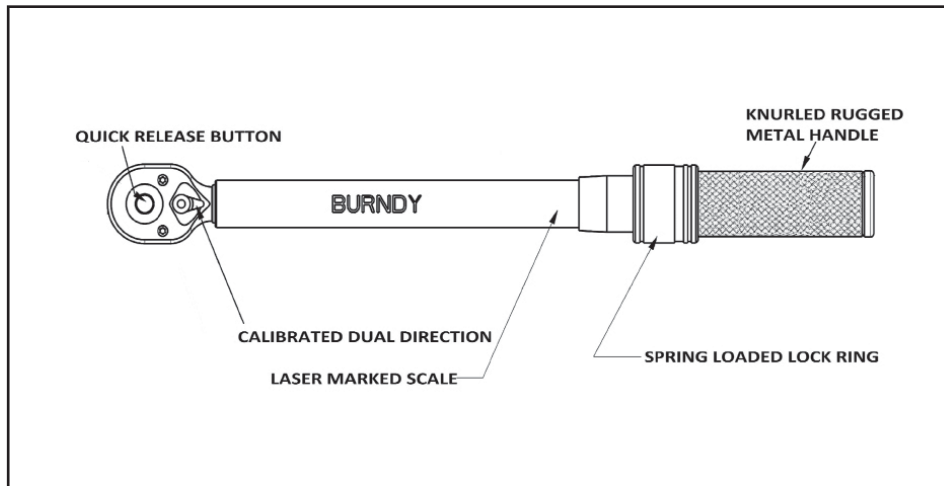
Applicable Standards: ASME B107.14M-1994 and ISO 6789

Calibration: Calibration traceable to N.I.S.T.

FOR USE ON

SERVIT®, OKLIP™, VERSITAP™, SCRULUG™, LAY-IN QIKLUG™, VARITAP™, VARILUG™, Universal Terminals, UNITAP™, POLYTAP™, BARTAP™, Type BIPC, Terminal Blocks, U-BLOK™, SPEC-BLOK™, and VERSIPOLE™

N-70



**PATRIOT®
PATHCC10-18V SERIES**

BATTERY ACTUATED TOOL

Hydraulic Self-Contained Cutter

The BURNDY® PATHCC10-18V series C-head cutter is an innovative compact and mobile cutting tool that allows users to interchange different cutting blades customized for their application.

With a “C”-shaped style head and large opening, it’s easy to scoop and cut without the need to open or close a latch. The tool head swivels 355° and comes with a retractable assist handle to help maneuver the cutting head into position. The PATHCC10-18V blade alignment technology ensures a clean cut and maximum blade life.

The PATHCC10-18V series tool accommodates four different interchangeable blade types: HCCACSR, HCCSOL, HCCUAL, and HCCGUY. The PATHCC10-18V series tool comes in a variety of options to include a covered head version (PATHCC10C-18V), and the ability to order the tool with specific blades only. See the table for individual catalog numbers.

The PATHCC10-18V series cutters operate on 18-volt Ni-MH batteries. Each tool comes equipped with an impact resistant formed carrying case along with a tool retention lanyard, battery charger and two batteries. The carrying case also has pre-formed pockets to house all four blade types. The PATHCC10-18V series tools are provided with a 5-year limited warranty (excluding blades) and a lifetime power-train warranty on the INFINITY DRIVE® transmission. The batteries and charger are provided with a 1-year limited warranty.



Each BURNDY HCC blade kit is designed specifically for the material it is intended to cut. Each blade is made from high strength tool steel and then hardened to ensure a long life. Each blade kit comes complete with screws and wrench for installation.

Features and Benefits

- Specialized reinforced C-Head designed for easy and efficient cable cutting for both field and OEM applications
- Interchangeable precision cutting blades optimized for cutting Copper/Aluminum, ACSR, EHS Guy Strand and Ground Rod/ Rebar
- Battery and remote head platforms
- Available in covered head versions
- High strength steel cylinder for durability and long life
- Many part number options offered including the ability to order the tool with all blades or specific blades only
- 5-year limited warranty on tool (excluding blades)

SPECIFICATIONS

- Tool Weight :** 20.4 lbs
- Length :** 21.4 in
- Width :** 3.7 in
- Height :** 12.8 in
- Operating Voltage :** 18 V-DC
- Recharge Time :** <45 minutes

FOR USE ON

- Cu/Al Cable :** up to 1.5"
- ACSR/ACSS :** up to 1590 kcmil
- Ground Rod :** up to 5/8"
- Rebar :** up to 1/2"
- Soft Steel Bolts :** up to 5/8"
- Std & EHS Guy :** up to 9/16"

ACCESSORIES

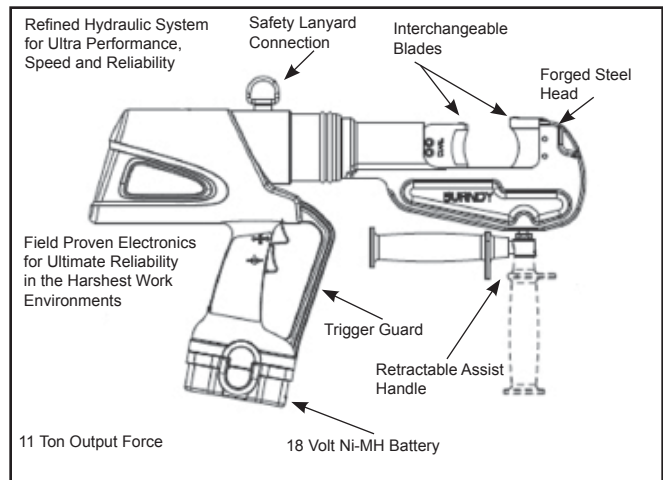
Replacement

- Blades:** HCCUAL Cu/Al Blades
HCCACSR ACSR/ACSS Blades
HCCGUY GUY Blades
HCCSOL Rebar/Ground Rod Blades

Battery: Cat# **BAT18V**
(2.6AH) Hi-capacity

Chargers:
120V-AC Cat# **PATCHGR18V**
12/24V-DC Cat# **BCT/PATDCCHGR**
240/250V-AC Cat# **PATCHGR250V**

Tool Provided with Following Components					
Catalog Number	Covered Head	ACSR Blade Set	CUAL Blade Set	SOL Blade Set	GUY Blade Set
PATHCC1018V		X	X	X	X
PATHCC10C18V	X	X	X	X	X
PATHCC10ACSR18V		X			
PATHCC10CUAL18V			X		
PATHCC10SOL18V				X	
PATHCC10GUY18V					X
PATHCC10CACSR18V	X	X			
PATHCC10CCUAL18V	X		X		
PATHCC10CSOL18V	X			X	
PATHCC10CGUY18V	X				
HCCACSR (blades only)		X			X
HCCUAL (blades only)			X		
HCCGUY (blades only)				X	
HCCSOL (blades only)					X



PATRIOT®
PATCUT129-LI

18 Volt Lithium-Ion
Battery Actuated Cutter

Hydraulic Self-Contained
 Cutting Tool

The BURNDY® PATRIOT® PATCUT129-LI Lithium-Ion tool incorporates the latest engineering technology with a refined hydraulic system for ultra performance, speed and reliability. The redesigned field proven electronics provide the ultimate reliability in the harshest work environments. All BURNDY® battery actuated hydraulic tools provide a consistent cut every time.

The PATCUT129-LI battery powered cutting tool is compact, fast, easy to use and incorporates the latest in battery tool technology. The ergonomic design allows one hand operation so that other is free to manipulate the conductor in the proper cutting position. The PATCUT129-LI incorporates a specialized latch-style cutting head that allows interference-free closure for mid-span cuts. The cutter head rotates 180 degrees to allow users to get into tight areas easier. The PATCUT129-LI is capable of cutting up to 1.29" diameter copper and aluminum cable, 1113 ACSR, 5/8" ground rods, 1/2" rebar, 5/8" diameter soft steel bolts up to 1/2" standard guy strand and up to 3/8" EHS guy strand.

The PATCUT129-LI is supplied with a durable high impact formed carrying case to hold the tool, battery charger, two 18 volt Lithium-Ion batteries and tool retention lanyard. The PATCUT129-LI is provided with a 5-year limited warranty (excluding blades) and 1-year on batteries and charger. All PATRIOT® tools feature the BURNDY® INFINITY DRIVE® transmission which has a lifetime warranty.



Features and Benefits

- Refined hydraulic system for ultra performance, speed and reliability
- Field proven electronics for ultimate reliability in the harshest environments
- Overmolded handle for comfort and improved grip; allows for one-handed operation for advance, retract and hold
- Specialized latch head design for interference free closure for mid-span cuts
- 18-volt Lithium-Ion batteries provide 2.5 times more charge/discharge cycles than traditional Ni-Cd batteries and provide 430% more lifetime work
- 30 minute charger controls current, voltage and temperature to maximize battery life
- Forced air cooling fan cools the battery by forcing cool air through the battery's built-in air vents
- 180° head rotation allows user to get into tight areas easier
- Ergonomically balanced tool design eases operation and lessens fatigue

SPECIFICATIONS

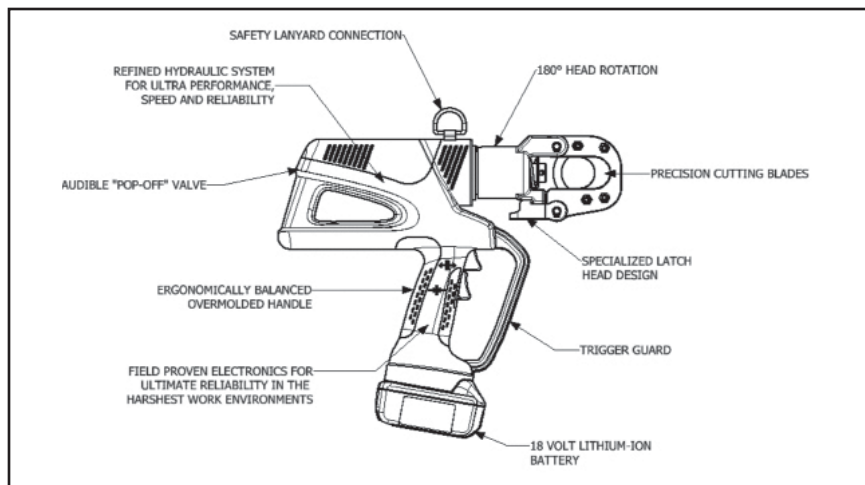
Tool Weight:	10.2 lbs (4.6 kg) With Battery
Length:	14.5" (36.8 cm)
Width:	3.5" (8.9 cm)
Height:	13.5" (34.3 cm)
Operating Voltage:	18 V-DC
Recharge Time:	30 minutes

FOR USE ON

Copper & Aluminum Cable :	Up to 1.29"
ACSR :	Up to 1113
Ground Rod :	Up to 5/8"
Rebar :	Up to 1/2"
Soft Steel Bolts :	Up to 5/8"
Standard Guy Strand :	Up to 1/2"
EHS Guy Strand :	Up to 3/8"

ACCESSORIES

- **Battery:** Cat# BAT18VLI
(3.0 AH) Hi-capacity
- **Chargers:**
120V-AC Cat# PATCHGR-LI
12/24V-DC Cat# PATCHGR-LIDC
- **Replacement Blades:**
Cat# PT10037388
(Moving Blade)
Cat# PT10037384
(Fixed Blade)
- **Lanyard:** Cat# PT208620



**PATRIOT®
PATCUT129ACSR-18V**

BATTERY ACTUATED TOOL

Hydraulic Self-Contained Cutter

The BURNDY® PATCUT129ACSR-18V battery powered cutting tool is compact, fast, easy to use and incorporates the latest in battery tool technology. The ergonomic design allows one hand operation so that the other is free to manipulate the conductor in the proper cutting position. The PATCUT129ACSR-18V incorporates a specialized latch style cutting head that allows interference-free closure for mid-span cuts. The cutter head rotates 180 degrees to allow users to get into tight areas easier. The PATCUT129ACSR-18V is capable of cutting up to 1.29" diameter copper and aluminum cable, 1113 ACSR, 5/8" ground rod, 1/2" rebar, 5/8" diameter soft steel bolts, up to 1/2" standard guy strand, and up to 3/8" EHS guy strand.

The PATCUT129ACSR-18V operates on industry standard 18-volt Ni-MH batteries that eliminate voltage depression or "memory" issues. The PATCUT129ACSR-18V comes equipped with a high impact formed carrying case to hold the tool, a tool retention lanyard, a battery charger and two batteries. The PATCUT129ACSR-18V is provided with a 5-year limited warranty (excluding blades) and 1-year on batteries and charger.



Features and Benefits

- Battery powered cutting technology
- Advance design high-speed pump completes tough cuts faster
- Specialized latch head design
- Ergonomic design allows one hand operation
- 180 degree head rotation
- Mechanical ram release
- Operates on 18 volt Ni-MH batteries
- Durable high impact formed carrying case
- 5-year limited warranty on tool (excluding blades) and 1 year on batteries and charger

SPECIFICATIONS

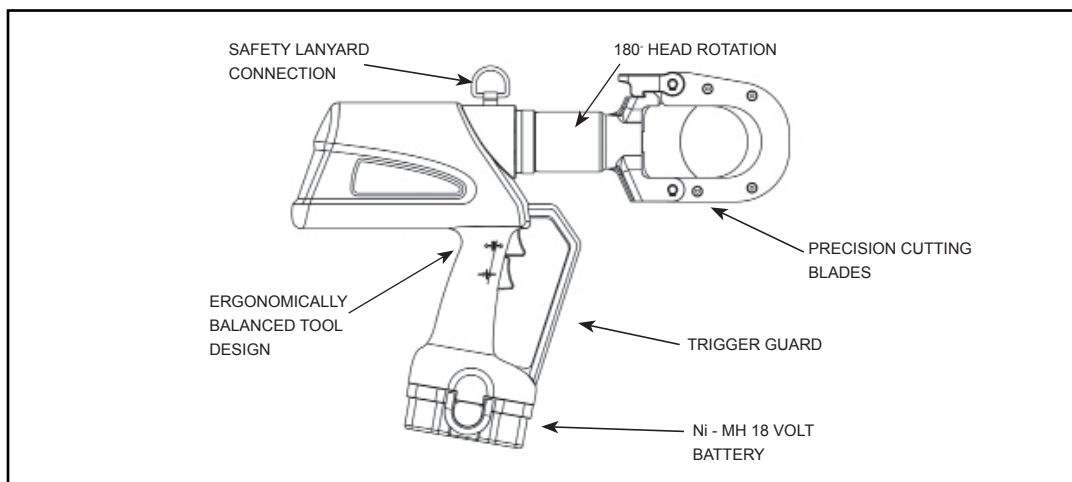
Tool Weight:	11 lbs
Length:	14.5"
Height:	13.5"
Width:	3.5"
Operating Voltage:	18 V-DC
Recharge Time:	< 45 mins.

FOR USE ON

Copper Cable	: up to 1.29"
Aluminum Cable	: up to 1.29"
ACSR	: up to 1113 ACSR
Ground Rod	: up to 5/8"
Rebar	: up to 1/2"
Soft Steel Bolts	: up to 5/8"
Standard Guy Strand	: up to 1/2"
EHS Guy Strand	: up to 3/8"

ACCESSORIES

- **Lanyard:** Cat# PT208620
- **Battery:** Cat# BAT18V (2.6 AH) Hi-capacity
- **Charger:**
 - 120V-AC Cat# PATCHGR18V
 - 12/24V-DC Cat# BCT/PATDCCHGR
 - 240/250V-AC Cat# PATCHGR250V
- **Replacement Blades:**
 - Cat# PT10037388 (Moving Blade)
 - Cat# PT10037384 (Fixed Blade)



PATRIOT®
PATCUT245-LI

18 Volt Lithium-Ion
Battery Actuated Cutter

Hydraulic Self-Contained
Cutting Tool

The BURNDY® PATRIOT® PATCUT245-LI Lithium-Ion tool incorporates the latest engineering technology with a refined hydraulic system for ultra performance, speed and reliability. The redesigned field proven electronics provide the ultimate reliability in the harshest work environments. All BURNDY® battery actuated hydraulic tools provide a consistent cut every time.

The PATCUT245-LI battery powered cutting tool is compact, fast, easy to use and incorporates the latest in battery tool technology. The ergonomic design allows one hand operation so that the other is free to manipulate the conductor in the proper cutting position. The PATCUT245-LI incorporates a specialized latch style cutting head that allows interference-free closure for mid-span cuts. The cutter head rotates 180 degrees to allow users to get into tight areas easier. The PATCUT245-LI is capable of cutting up to 2.45" diameter copper and aluminum cable.

The PATCUT245-LI is supplied with a durable high impact formed carrying case to hold the tool, battery charger, two 18 volt Lithium-Ion batteries and tool retention lanyard. The PATCUT245-LI is provided with a 5-year limited warranty (excluding blades) and 1-year on batteries and charger. All PATRIOT® tools feature the BURNDY® INFINITY DRIVE® transmission which has a lifetime warranty.



Features and Benefits

- Refined hydraulic system for ultra performance, speed and reliability
- Field proven electronics for ultimate reliability in the harshest environments
- Overmolded handle for comfort and improved grip; allows for one-handed operation for advance, retract and hold
- Specialized latch head design for interference free closure for mid-span cuts
- 18-volt Lithium-Ion batteries provide 2.5 times more charge/discharge cycles than traditional Ni-Cd batteries and provide 430% more lifetime work
- 30 minute charger controls current, voltage and temperature to maximize battery life
- Forced air cooling fan cools the battery by forcing cool air through the battery's built-in air vents
- 180° head rotation allows user to get into tight areas easier
- Ergonomically balanced tool design eases operation and lessens fatigue

SPECIFICATIONS

- Tool Weight:** 13.7 lbs (6.2 kg) With Battery
- Length:** 18.1" (45.9 cm)
- Width:** 3.5" (8.9 cm)
- Height:** 13.5" (34.3 cm)
- Operating Voltage:** 18 V-DC
- Recharge Time:** 30 minutes

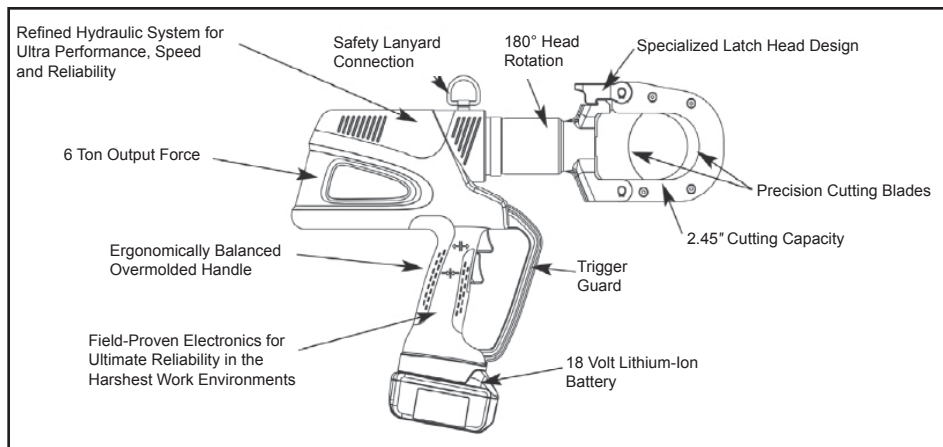
FOR USE ON

Copper and Aluminum Cable: Up to 2.45" O.D

For Copper and Aluminum cable only. Do not cut steel, ground rod, rebar or guy wire.

ACCESSORIES

- **Battery:** Cat# **BAT18VLI**
(3.0 AH) Hi-capacity
- **Chargers:**
120V-AC Cat# **PATCHGR-LI**
12/24V-DC Cat# **PATCHGR-LIDC**
- **Replacement Blades:**
Cat# **PT10038657**
(Moving Blade)
Cat# **PT10040663**
(Fixed Blade)
- **Lanyard:** Cat# **PT208620**



**PATRIOT®
PATCUT245CUAL-18V**

BATTERY ACTUATED TOOL

Hydraulic Self-Contained Cutter

The BURNDY® PATCUT245CUAL-18V battery powered cutting tool is compact, fast, easy to use and incorporates the latest in battery tool technology. The ergonomic design allows one hand operation so that the other is free to manipulate the conductor in the proper cutting position. The PATCUT245CUAL-18V incorporates a specialized latch style cutting head that allows interference-free closure for mid-span cuts. The cutter head rotates 180 degrees to allow users to get into tight areas easier. The PATCUT245CUAL-18V is capable of cutting up to 2.45" diameter copper and aluminum cable.

The PATCUT245CUAL-18V operates on industry standard 18-volt Ni-MH batteries that eliminate voltage depression or "memory" issues. The PATCUT245CUAL-18V comes equipped with a high impact formed carrying case to hold the tool, a tool retention lanyard, a battery charger and two batteries. The PATCUT245CUAL-18V is provided with a 5-year limited warranty (excluding blades) and 1-year on batteries and charger.



Features and Benefits

- Battery powered cutting technology
- Advance design high-speed pump completes tough cuts faster
- Specialized latch head design
- Ergonomic design allows one hand operation
- 180 degree head rotation
- Mechanical ram release (no battery power consumption)
- Operates on 18 volt Ni-MH batteries
- Durable high impact formed carrying case

SPECIFICATIONS

- Tool Weight:** 14.5 lbs (5.4 kg)
With Battery
- Length:** 18" (45.7 cm)
- Width:** 3.75" (9.5 cm)
- Height:** 14.75" (37.5 cm)
- Operating Voltage:** 18 V-DC
- Recharge Time:** < 45 mins.

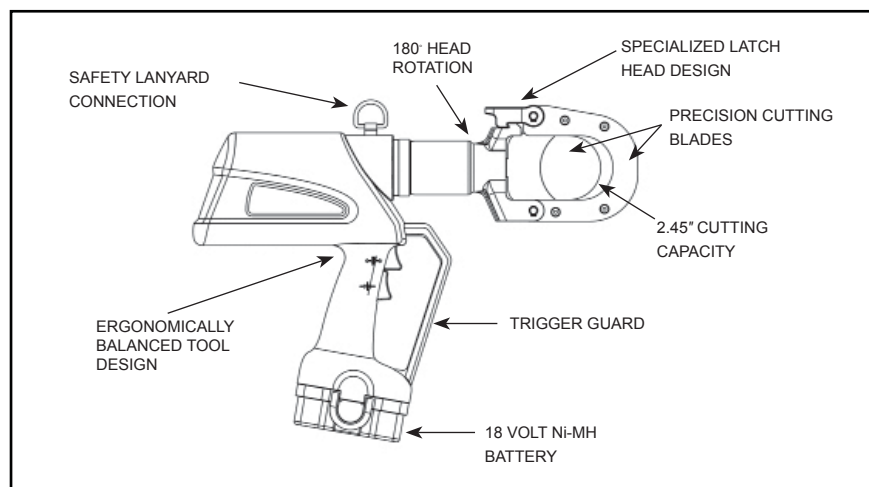
FOR USE ON

- Copper and Aluminum Cable :** Up to 2.45" O.D (62.2 mm)

For Copper and Aluminum cable only. Do not cut steel, ground rod, rebar, or guy wire.

ACCESSORIES

- **Carrying Case:** Cat# PT10044980
- **Lanyard:** Cat# PT208620
- **Battery:** Cat# BAT18V (2.6 AH) Hi-capacity
- **Charger:**
 - 120V-AC Cat# PATCHGR18V
 - 12/24V-DC Cat# BCT/PATDCCHGR
 - 240/250V-AC Cat# PATCHGR250V
- **Replacement Blades:**
 - Cat# PT10038657 (Moving Blade)
 - Cat# PT10040663 (Fixed Blade)



PATRIOT®
PATCUT2156-LI

18 Volt Lithium-Ion
Battery Actuated Cutter

Hydraulic Self-Contained
 Cutting Tool

The BURNDY® PATRIOT® PATCUT2156-LI cutting tool incorporates the latest engineering technology with a refined hydraulic system for ultra performance, speed and reliability.

The PATCUT2156-LI battery powered cutting tool is a compact, fast and versatile tool capable of cutting a variety of cable types and materials. The ergonomic design allows one hand operation so that the other is free to manipulate the conductor in the proper cutting position. All BURNDY® battery actuated hydraulic tools provide a consistent cut every time.

The PATCUT2156-LI is supplied with a durable high impact formed carrying case to hold the tool, battery charger, two 18V Lithium-Ion batteries and tool retention lanyard.

The PATCUT2156-LI is provided with a 5-year limited warranty and a 1-year warranty on batteries and charger. All PATRIOT® tools feature the BURNDY® INFINITY DRIVE® transmission which has a lifetime warranty. Blades excluded.



Features and Benefits

- Durable hardened steel blades for optimum cutting and increased life
- Battery powered cutting technology for easy tool operation and portability
- Advance design high-speed pump completes tough cuts faster and provides longer life, efficiency, and reliability
- Specialized latch head design for interference free closure for mid-span cuts
- Ergonomic design allows one hand operation allowing user one hand free to manipulate material to be cut
- 180 degree head rotation provides versatile head positioning allows user to get into tight areas easier
- Mechanical ram release with reliability and no battery power consumption

SPECIFICATIONS

Tool Weight:	15.5 lbs
Length:	16.47"
Width:	./ 3.27"
Height:	13.46"
Operating Voltage:	18V-DC
Recharge Time:	30 mins

FOR USE ON

- CU and AL Cable: Up to 2.0"
- ACSR: Up to 2156
- Ground Rod: Up to 3/4"
- Rebar: Up to 5/8"
- Soft Steel Bolts: Up to 3/4"
- Standard Guy Strand: Up to 9/16"
- EHS Guy Strand: Up to 9/16"

PART NUMBERS

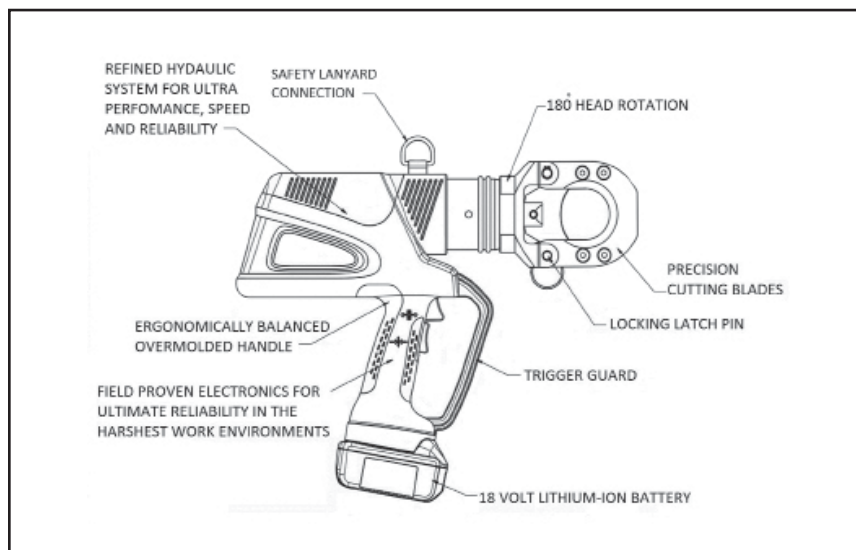
PATCUT2156-LI	18V with 110V Charger
PATCUT2156-LIDC	18V with DC Charger
PATCUT2156-LILCB	Less Batteries & Charger

ACCESSORIES

Battery:	Cat# BAT18VLI (3.0 AH) Hi-capacity
Chargers:	120V-AC Cat# PATCHGR-LI 12/24V-DC Cat# BCT/PATCHGR-LIDC

Replacement Blades:	Cat# CUT200BLMVBL (Movable Blade) Cat# CUT200BLSTA (Stationary Blade)
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Lanyard:	Cat# PT208620
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**PATRIOT®
PATCUT2156-18V**

**18 Volt Ni-MH
Battery Actuated Cutter**

**Hydraulic Self-Contained
Cutting Tool**

The BURNDY® PATRIOT® PATCUT2156-18V cutting tool incorporates the latest engineering technology with a refined hydraulic system for ultra performance, speed and reliability.

The PATCUT2156-18V battery powered cutting tool is a compact, fast and versatile tool capable of cutting a variety of cable types and materials. The ergonomic design allows one hand operation so that the other is free to manipulate the conductor in the proper cutting position. All BURNDY® battery actuated hydraulic tools provide a consistent cut every time.

The PATCUT2156-18V is supplied with a durable high impact formed carrying case to hold the tool, battery charger, two 18V Ni-MH batteries and tool retention lanyard.

The PATCUT2156-18V is provided with a 5-year limited warranty and a 1-year warranty on batteries and charger. All PATRIOT® tools feature the BURNDY® INFINITY DRIVE® transmission which has a lifetime warranty. Blades excluded.



Features and Benefits

- Durable hardened steel blades for optimum cutting and increased life
- Battery powered cutting technology for easy tool operation and portability
- Advance design high-speed pump completes tough cuts faster and provides longer life, efficiency, and reliability
- Specialized latch head design for interference free closure for mid-span cuts
- Ergonomic design allows one hand operation allowing user one hand free to manipulate material to be cut
- 180 degree head rotation provides versatile head positioning allows user to get into tight areas easier
- Mechanical ram release with reliability and no battery power consumption

SPECIFICATIONS

- Tool Weight:** 16.3 lbs
- Length:** 16.52"
- Width:** 3.27"
- Height:** 13.29"
- Operating Voltage:** 18V-DC
- Recharge Time:** < 45 mins

FOR USE ON

- **CU and AL Cable:** Up to 2.0"
- **ACSR:** Up to 2156
- **Ground Rod:** Up to 3/4"
- **Rebar:** Up to 5/8"
- **Soft Steel Bolts:** Up to 3/4"
- **Standard Guy Strand:** Up to 9/16"
- **EHS Guy Strand:** Up to 9/16"

PART NUMBERS

- PATCUT2156-18V** 18V with 110V Charger
- PATCUT2156-18VDC** 18V with DC Charger
- PATCUT2156-18V250V** 18V with 250V Charger

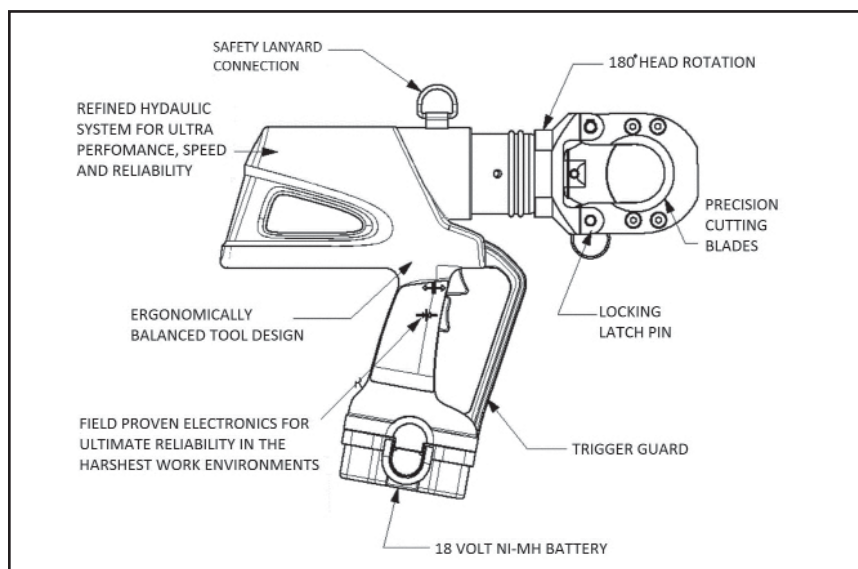
ACCESSORIES

- Battery:** Cat# **BAT18V**
(2.6 AH) Hi-capacity
- Chargers:**
 - 120V-AC Cat# **PATCHGR18V**
 - 12/24V-DC Cat# **BCT/PATDCCHGR**
 - 240/250V-AC Cat# **PATCHGR250V**

Replacement

- Blades:**
 - Cat# **CUT200BLMVBL**
(Movable Blade)
 - Cat# **CUT200BLSTA**
(Stationary Blade)

- Lanyard:** Cat# **PT208620**



PATRIOT® IN-LINE®

PATMDCUT Series

Li-Ion or Ni-MH powered styles

Battery Actuated Tool Hydraulic Self-Contained Cutter

The BURNDY® IN-LINE® tools are battery actuated and can be operated with one hand allowing for advance, retract and hold functions for easier operation. One hand operation allows the operator one free hand to position the connector and conductor while crimping. The PATRIOT® PATMDCUT series of tools incorporate a hydraulic pump generating considerable cutting force. This design provides a consistent, reliable cut every time.

The PATRIOT® tool features interchangeable MD6 series jaw assemblies, capable of both cutting and crimping (using "W" and "X" style dies). When ordering choose the tool that best suits your cutting and crimping needs. The IN-LINE® tools feature 350° rotatable jaw assemblies for operation in virtually any position.

The PATRIOT® IN-LINE® cutter tools are supplied with a durable high strength carry bag, battery charger and two batteries.

Catalog Number	Description
PATMDCUTLI	Tool with ACSR Blades, 120V AC Li-Ion Charger
PATMDCUTLIDC	Tool with ACSR Blades, 12V DC Li-Ion Charger
PATMDCUT14V*	Tool with ACSR Blades, 120V AC Ni-MH Charger
PATMDCUT14VDC*	Tool with ACSR Blades, 12V DC Ni-MH Charger
PATMDCUT14V250V*	Tool with ACSR Blades, 250V AC Ni-MH Charger
PATMDCUTACSRKIT	Replaceable ACSR Blades ONLY

* 14.4 Ni-MH battery powered also available; not featured on this sheet; subtle differences between the platforms exist; Contact Customer Service for information.



Features and Benefits

- Plenty of output force for reliable cuts on an array of conductor sizes
- Interchangeable scissor action jaws crimp or cut with the same tool
- Ram holds position when trigger is released to allow the operator to check alignment prior to cut
- Large hand grip area allows easier operation with gloves
- Ergonomically balanced tool design helps lessen operator fatigue
- High capacity 3.0 AH batteries provide more cuts/crimps per charge
- Actuated blade guide automatically closes for easy positioning on cable and allows large diameter cable to be cut
- One set of blades to cut all specified materials
- 5-year limited warranty on tool; 1-year on batteries and charger

PATRIOT® IN-LINE® Cut/Crimp Kits: All with Cutter Jaws, 2 Batteries and Charger

PATMD6LICUTKIT1	BG & D3 Grooves, hard case
PATMD68LICUTKIT1	O & D3 Grooves, hard case
PATMD66LICUTKIT1	D3 Groove (snub), hard case
PATMD6LIWCJ	BG & D3 Grooves, soft case
PATMD68LIWCJ	O & D3 Grooves, soft case
PATMD66LIWCJ	D3 Groove (snub), soft case

Interchangeable Jaw Assemblies:

PATJAWSMD6	BG and D3 Grooves
PATJAWSMD6-8	O and D3 Grooves
PATJAWSMD6-6	D3 Groove only (snub-nose)
PATJAWSMD6K	KEARNEY™ Groove (snub)
PATJAWSCUT	Cutter Jaw Set

Jaw Covers: PATMD6JC, PATMD66JC, PATMD6KJC

Tool Weight: 8 lbs
Length: 22 in
Height: 5 in
Width: 2.7 in

Max. Cutting Capacity:

Copper

500 kcmil soft drawn copper

AAC

636 kcmil

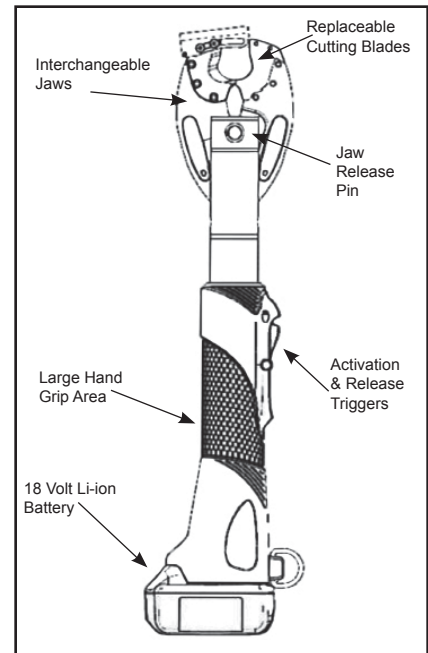
ACSR

556 kcmil (26/7 Dove)

Guy Wire

3/8" Utility and High Strength

Not for use on Extra High Strength Conductor



Catalog Number	Description
BAT18VLI	Battery, 18V Li-Ion
PATCHGRLLI	Charger, 110 VAC for LI
PATCHGLIDC	Charger, 12 VDC for LI
PT10074020	Strap, Wrist, IN-LINE® Tool
PATMDCUTSOMI	User Manual (SOMI)

**PATRIOT® IN-LINE®
POLE CUTTERS**

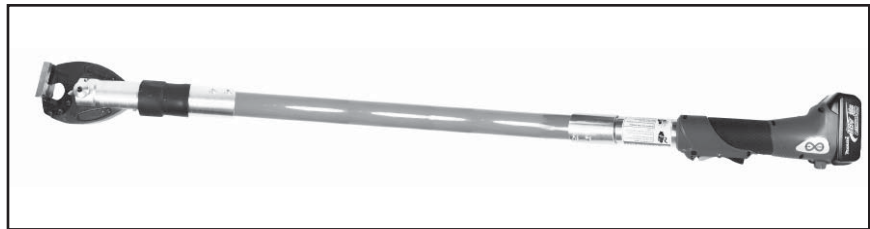
**Li-ION or Ni-MH
Battery Actuated Cutter**

**Hydraulic Self-Contained
Cutting Tool**

The BURNDY® IN-LINE® pole cutters are battery actuated hydraulic self contained cable cutters for cutting operations at heights. The PATRIOT® PATMDCUT series of tools incorporates a hydraulic pump generating considerable cutting force providing a consistent and reliable cut every time.

This PATRIOT® tool features interchangeable MD6 series jaw assemblies, capable of both cutting and crimping (using “W” and “X” style dies). The IN-LINE® tools features, 350° rotatable jaw assemblies for operation in virtually any position.

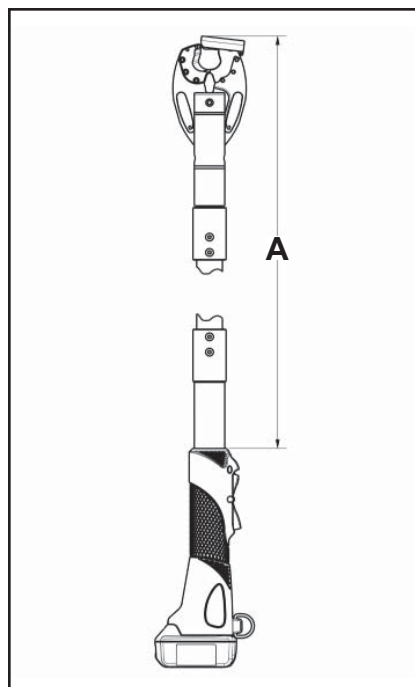
The PATRIOT® IN-LINE® cutter tools are supplied with battery charger and two batteries (crimp jaws are sold separately). All PATRIOT® IN-LINE® pole cutters are provided with a 5-year limited warranty; 1 year on batteries and charger.



Features and Benefits

- Plenty of output force for reliable cuts on an array of conductor sizes
- Interchangeable scissor action jaws allow to crimp or cut with the same tool
- The ram holds position when the trigger is released, allowing the operator to check alignment prior to the cut
- Large hand grip area allows easier operation with gloves
- Ergonomically balanced tool design helps to lessen operator fatigue
- Available in varying lengths (40 in, 60 in and 72 in)
- High capacity 3.0 AH (Li-ION) or 2.6 AH (Ni-MH) batteries provide more cuts/crimps per charge
- Actuated blade guide, automatically closes for easy positioning on cable and allows large diameter cable to be cut
- One set of blades to cut all specified materials
- 5-year limited warranty on tool and 1 year on batteries and charger

Product Variations	
Catalog Number	Length (inches) (A)
PATMDCUT48LLI	48”
PATMDCUT60LLI	60”
PATMDCUT72LLI	72”
PATMDCUT48LNMH	48”
PATMDCUT60LNMH	60”
PATMDCUT72LNMH	72”



Cutting Capacity		
Material	Wire Range	Life (cuts)
CU	500 kcmil soft drawn	500
AAC	636 kcmil	500
ACSR	556 kcmil (26/7 Dove)	200
GUY Wire	3/8” Utility and High Strength Not for use on Extra High Strength Conductor	150

Accessories	
Blades	
Catalog Number	Description
PATMDCUTACSRKIT	Blades, Cutter, ACSR Replacable
Jaw	
Catalog Number	Description
PATJAWSCUT	Cutter Jaw Set, includes ACSR blades
PATJAWSMD6	Crimp Jaw, “BC” and “D3” Grooves
PATJAWSMD68	Crimp Jaw, “O” and “D3” Grooves
PATJAWSMD66	Crimp Jaw, SNUB, “D3” Grooves
PATJAWSMD6K	Crimp Jaw, SNUB, KEARNEY Groove
Power Source	
Catalog Number	Description
BAT18VLI	Battery, 18V LI-ION
BAT14V	Battery, 14V Ni-MH
PATCHGRLI	Charger, 120 VAC (for LI-ION Battery)
PATCHGLIDC	Charger, 12 VDC (for LI-ION Battery)
PATCHGR18V	Charger, 111 VAC (for Ni-MH Battery)
BCT/PATDCCHGR	Charger, 12 VDC (for Ni-MH Battery)
Other	
Catalog Number	Description
PATMD6JC	Cover Kit, MD6, MD68 Jaw
PATMD66JC	Cover Kit, MD66 Jaw
PATMD6KJC	Cover Kit, MD6K Jaw
PT10074020	Strap, Wrist (In-Line)
Documentation	
Catalog Number	Description
PATMDCUTSOMI	User Manual (SOMI)

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BCC1000CUAL

**BATTERY ACTUATED
 CABLE CUTTER**

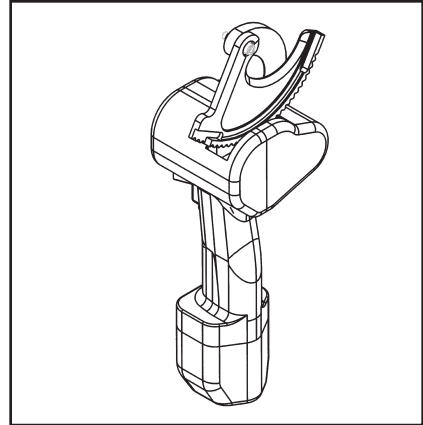
Battery Actuated Cable Cutter

The BURNDY® BCC1000CUAL is a 12 V-DC battery actuated cable cutter capable of cutting up to 750 kcmil hard drawn copper cable, and up to 1000 kcmil soft drawn copper and up to 2" O.D. aluminum cable. DO NOT CUT STEEL or ACSR. The BCC1000CUAL comes with battery powered cutting tool, sealed nickel cadmium 12V battery, 120V AC charger, carrying case, and wrist loop which provides added security when making cuts overhead.

The BURNDY® BCC1000CUAL is designed to cut copper and aluminum cables in a limited amount of space. The BCC1000CUAL makes fast reliable cuts without stress to the user. Just squeeze the trigger and it will cut through your toughest copper and aluminum cables. The BCC1000CUAL has a three-way switch (forward, reverse, and neutral) which allows the user to make partial cuts, back off cables, or make adjustments during cutting.

The battery charge time is approximately 1 hour for a fast charge (80%), 4 to 6 hours for a quick charge, and 14 to 16 hours for a standard charge (100%). The 12V battery can be recharged approximately 1,000 times.

The BCC1000CUAL (excluding cutting blades) is warranted to be free of defects in material and workmanship for a period of 90 days, except in the case of abuse or modification.



Features and Benefits

- Hook head design
- Three-way switch
- Hardened steel blades
- Ergonomic design
- Wrist loop
- Simplifies conductor cutting and allows working in tight spaces
- Allows backing off cable, partial cuts, and adjusting during cutting
- Helps ensure consistent cuts and longer blade life
- Prevents hand/wrist injury
- Withstands rugged use, resists oil and solvents
- Added security when cutting cables overhead

SPECIFICATIONS

Cutting Tool

<u>Specifications</u>	<u>Description</u>
Drive Unit:	12 V-DC Motor
Dimensions:	4" L X 4.5" W X 14.5" H
Weight:	6 lbs
Cutting Capacity:	1000 kcmil soft drawn copper, 750 kcmil hard drawn copper and up to 2" O.D. aluminum

Battery

<u>Specifications</u>	<u>Description</u>
Battery Type:	Sealed nickel cadmium
Voltage:	12 V-DC
Rated Capacity:	1.2 A/hr.
Charge Time:	Fast, approx. 1 hour Quick, 4-6 hours Standard, 14-16 hours
Dimensions:	2.75" L X 2.7" W X 4.75"
Weight:	1.4 lb

Battery Charger

<u>Specifications</u>	<u>Description</u>
Input Voltage:	120 V-AC
Input Frequency:	60 Hz
Input Current:	110/120V
Dimensions:	5.7" L X 3" W X 2.8" H
Weight:	2.2 lbs

ACCESSORIES

<u>Catalog Number</u>	<u>Item Description</u>
BCCBAT12V	Battery
BCCCHGR	Charger
BCCCASE	Carrying Case
RP50RP03	Moving Blade
RP50RP02	Fixed Blade

FOR USE ON

Maximum conductors accommodated:
 750 kcmil hard drawn copper
 1000 kcmil soft drawn copper
 1000 kcmil aluminum

YCUT129ACSR

HYDRAULIC HAND OPERATED CUTTER

The BURNDY® YCUT129ACSR incorporates a specialized latch style cutting head that allows interference-free closure for mid-span cuts. The cutter head rotates 180 degrees to allow users to get into tight areas easier. The YCUT129ACSR weighs only 11.4 pounds, yet delivers 7 tons of cutting force. The YCUT129ACSR with its hardened steel blades is capable of cutting up to 1.29" diameter bare or insulated copper and aluminum cable, 1113 ACSR, 5/8" ground rod, 1/2" rebar and 5/8" diameter soft steel bolts 1/2" standard guy strand and up to 3/8" EHS guy strand.

The YCUT129ACSR comes equipped with a high impact formed carrying case to hold the tool and accessories. The BURNDY® YCUT129ACSR is provided with a 5-year limited warranty (excluding blades).



Features and Benefits

- Patented rapid advance pump for faster cuts with less hand strokes
- Specialized latch head design; Interference free closure on mid-span cuts
- Handle trigger drain for convenient blade retraction
- Hardened steel blades with the ability to cut ACSR, ground rods, rebar and guy wire
- Comfort grip handles to help ease fatigue with continuous use
- 180-degree head rotation allows for versatile head positioning to get into tight areas easier
- Durable high impact formed carrying case to provide for tool protection and to store accessories
- 5-year limited warranty on tool (excluding blades)

SPECIFICATIONS

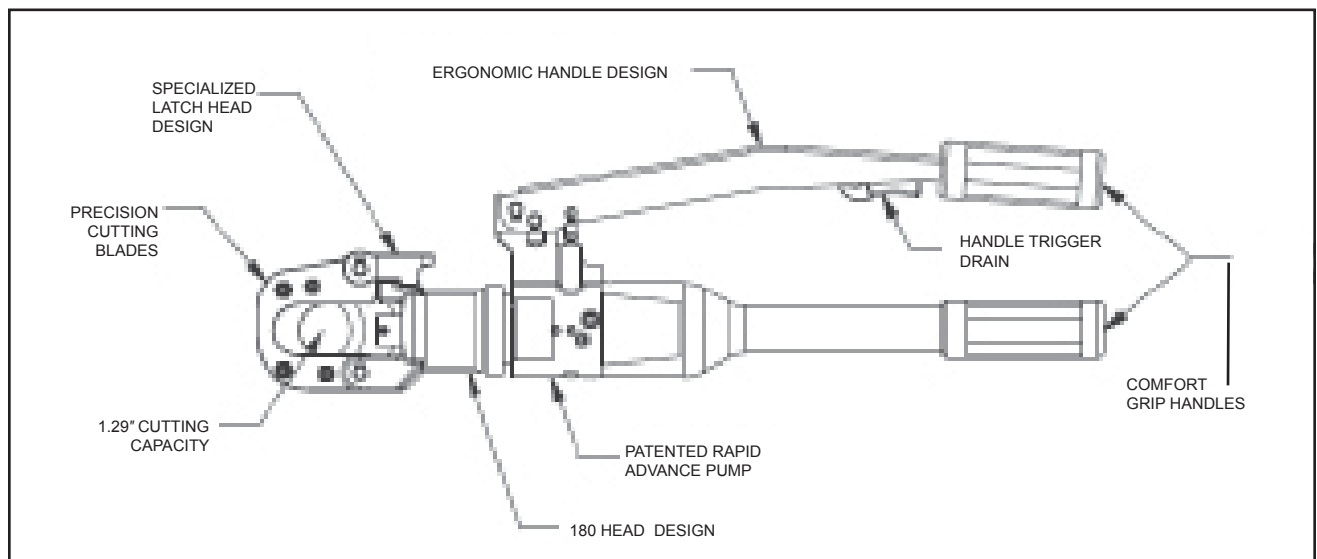
- Force Developed:** 7 U.S. short tons
- Tool Weight:** 11.4 lbs (5.1 kg)
- Length:** 22.4" (56.9 cm)
- Height:** 6.6" (16.8 cm)
- Width:** 2.5" (6.4 cm)

FOR USE ON

- Copper Cable:** up to 1.29"
- Aluminum Cable:** up to 1.29"
- ACSR:** up to 1113 ACSR
- Ground Rod:** up to 5/8"
- Rebar:** up to 1/2"
- Soft Steel Bolts:** up to 5/8"
- Standard Guy Strand:** up to 1/2"
- EHS Guy Strand:** up to 3/8"

ACCESSORIES

<u>Cat. No.</u>	<u>Description</u>
PT10024162	Carrying Case
Replacement Blades: PT10037388	Moving Blade
PT10037384	Fixed Blade



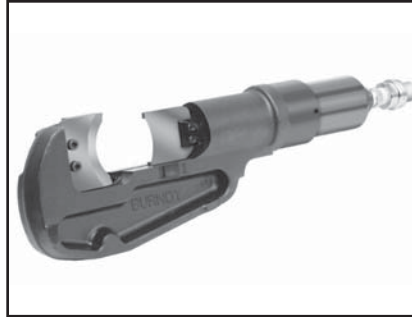
RHCC10
RHCC10C

10,000 PSI Remote
Cable Cutter

Remote Power Operated
 Hydraulic Cable Cutter

The BURNDY® RHCC10 series C-head cutter is an innovative compact cutting tool that allows users to interchange different cutting blades customized for their application.

With a “C”-shaped style head and large opening, it’s easy to scoop and cut without the need to open or close a latch. The RHCC10 blade alignment technology ensures a clean cut and maximum blade life. The RHCC10 series tool accommodates four (4) different interchangeable blade types to cut Copper/Aluminum, ACSR/ACSS, EHS Guy and Rebar. The RHCC10 series tool comes in a variety of options including the ability to order the tool with specific blades only as well as a covered head version (RHCC10C). The RHCC10 and RHCC10C are provided with a 5-year limited warranty (excluding blades).



Features and Benefits

- Specialized reinforced C-Head designed for easy and efficient cable cutting for both field and OEM applications
- Interchangeable precision cutting blades optimized for cutting Copper/Aluminum, ACSR/ACSS, EHS Guy Strand and Ground Rod/Rebar
- Durable canvas carrying bag provides tool protection and stores all accessories
- High strength steel cylinder for durability and long life
- 5-year limited warranty on tool (excluding blades)

SPECIFICATIONS

Operating Pressure: 10,000 PSI (700 bar)
Tool Weight: 13.2 lbs (6 kg)
Length: 17.58" (447 mm)
Width: 4.70" (119 mm)

FOR USE ON

Cu/Al Cable : up to 1.5"
ACSR/ACSS : up to 1590 kcmil
Ground Rod : up to 5/8"
Rebar : up to 1/2"
Soft Steel Bolts : up to 5/8"
Std & EHS Guy : up to 9/16"

ACCESSORIES

Canvas Bag : **MINBAG**
 Replacement Blades : **HCCUAL**
 HCCACSR
 HCCGUY
 HCCSOL
 Hot Stick Adapter : **PT10128**

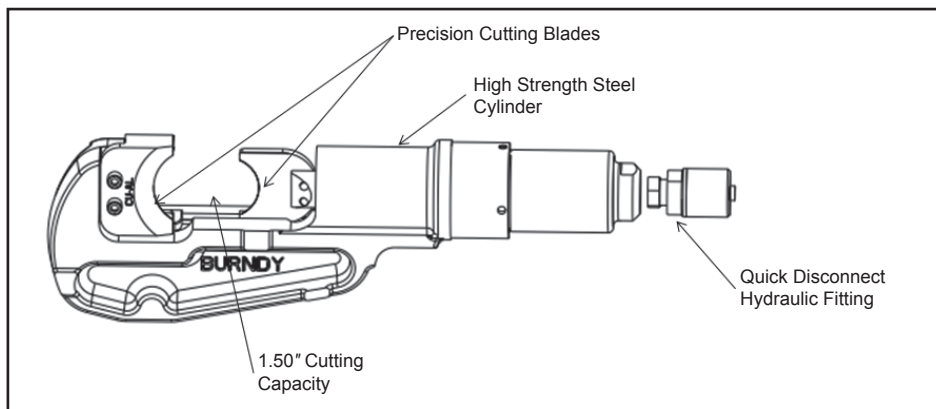
Components Each Tool is Provided With

Catalog Number	Covered Tool	ACSR Blade Set	CUAL Blade Set	SOL Blade Set	GUY Blade Set
RHCC10		X	X	X	X
RHCC10C	X	X	X	X	X
RHCC10ACSR		X			
RHCC10CUAL			X		
RHCC10SOL				X	
RHCC10GUY					X
RHCC10CACSR	X	X			
RHCC10CCUAL	X		X		
RHCC10CSOL	X			X	
RHCC10CGUY	X				X

Blade Table

Blade Catalog Number	Cutting Material	Max. O.D.
HCCACSR	ACSR/ACSS	1590 kcmil
HCCUAL	CU & AL	1.5" (38 mm)
HCCSOL	Ground Rod	5/8" (16 mm)
	Rebar	1/2" (13 mm)
	Soft Steel Bolts	5/8" (16 mm)
HCCGUY	Std. Guy Wire	9/16" (14 mm)
	EHS Guy Wire	9/16" (14 mm)

N-82



RHCC129ACSR

**10,000 PSI Remote Cable
Cutter**

Remote Power Operated
Hydraulic Cable Cutter

The BURNDY® RHCC129ACSR remote hydraulic cable cutter incorporates a specialized latch style cutting head that allows interference-free closure for mid-span cuts. The RHCC129ACSR with its precision cutting blades is capable of cutting up to 1.29" diameter bare or insulated copper and aluminum cable, 1113 ACSR, 5/8" ground rod, 1/2" rebar, 5/8" diameter soft steel bolts, 1/2" standard guy strand, and up to 3/8" EHS guy strand.

The RHCC129ACSR is provided with a 5-year limited warranty (excluding blades).



Features and Benefits

- Specialized latch head design - interference free closure for mid-span cuts
- Precision cutting blades for clean cuts on Cu/Al, ACSR, ground rods, rebar, guy strand, and soft steel bolts
- High strength steel cylinder for durability and long life
- Lightweight ergonomic design allows one hand operation; user has one hand free to manipulate material to be cut
- Durable canvas carrying bag provides tool protection and stores all accessories
- 5-year limited warranty on tool (excluding blades)

SPECIFICATIONS

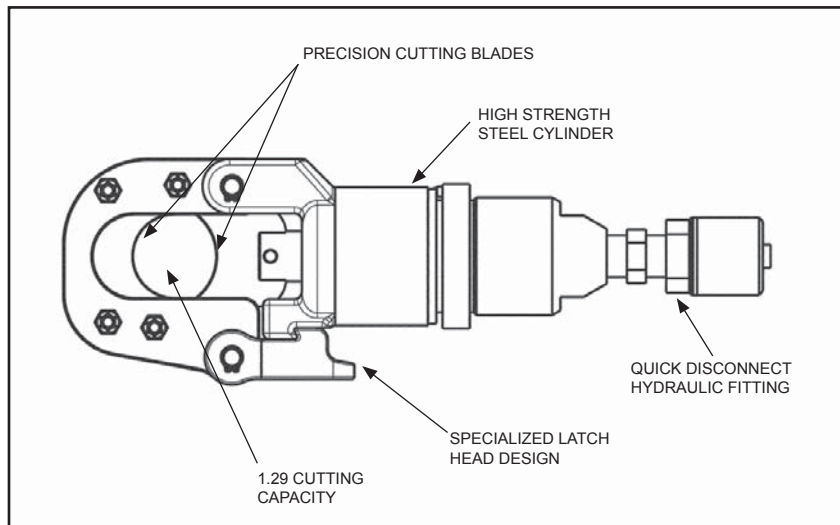
Operating Pressure: 10,000 PSI (700 bar)
Tool Weight: 5.85 lbs (2.65 kg)
Length: 11.25" (286 mm)
Width: 3.7" (94 mm)

FOR USE ON

Copper Cable: up to 1.29"
Aluminum Cable: up to 1.29"
ACSR: up to 1113 ACSR
Ground Rod: up to 5/8"
Rebar: up to 1/2"
Soft Steel Bolts: up to 5/8"
Standard Guy Strand:
EHS Guy Strand: up to 1/2" up to 3/8"

ACCESSORIES

Canvas Bag: Cat# PT10043890
Replacement Blades: Cat# PT10037388 (Moving Blade)
 Cat# PT10037384 (Fixed Blade)
Hot Stick Adapter: Cat# RHCCHSA



RHCC245CUAL

**10,000 PSI Remote Cable
Cutter**

Remote Power Operated
Hydraulic Cable Cutter

The BURNDY® RHCC245CUAL remote hydraulic cable cutter incorporates a specialized latch style cutting head that allows interference-free closure for mid-span cuts. The RHCC245CUAL with its precision cutting blades is capable of cutting up to 2.45" diameter copper and aluminum cable.

The RHCC245CUAL is provided with a 5-year limited warranty (excluding blades).



SPECIFICATIONS

- Operating Pressure:** 10,000 PSI (700 bar)
- Tool Weight:** 8.3 lbs (3.8 kg)
- Length:** 14.8" (376 mm)
- Width:** 4.75" (121 mm)

FOR USE ON

Copper & Aluminum: 2.45" O.D. (62 mm)

Features and Benefits

- Specialized latch head design; interference free closure for midspan cuts
- Precision cutting blades for clean cuts on copper and aluminum cable
- High strength steel body for durability and long life
- Lightweight ergonomic design allows one hand operation allows user to have one hand free to manipulate material to be cut
- Durable canvas carrying bag provides tool protection and stores all accessories
- 5-year limited warranty on tool (excluding blades)

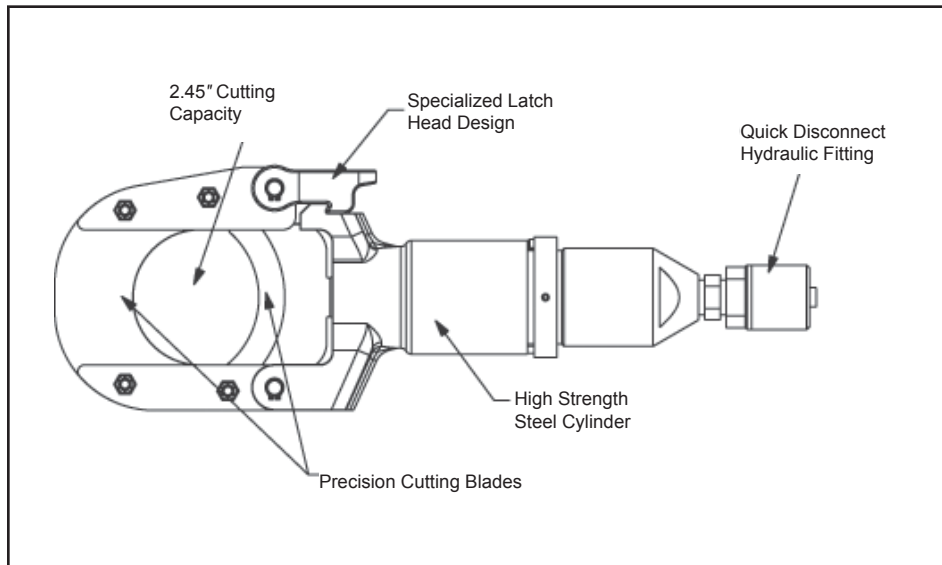
ACCESSORIES

Canvas Bag: Cat# PT10054094

Replacement

Blades: Cat# PT10038657
(Moving Blade)

Cat# PT10040663
(Fixed Blade)



N-84

MCC600, MCC1000

MANUAL CABLE CUTTERS

The MCC series cable cutters are precision cable cutters incorporating high leverage shear type design capable of cutting up to 1000 kcmil copper and aluminum cables.

Rugged steel blades and fiberglass construction provide cutting ease, long life and minimum cable distortion.

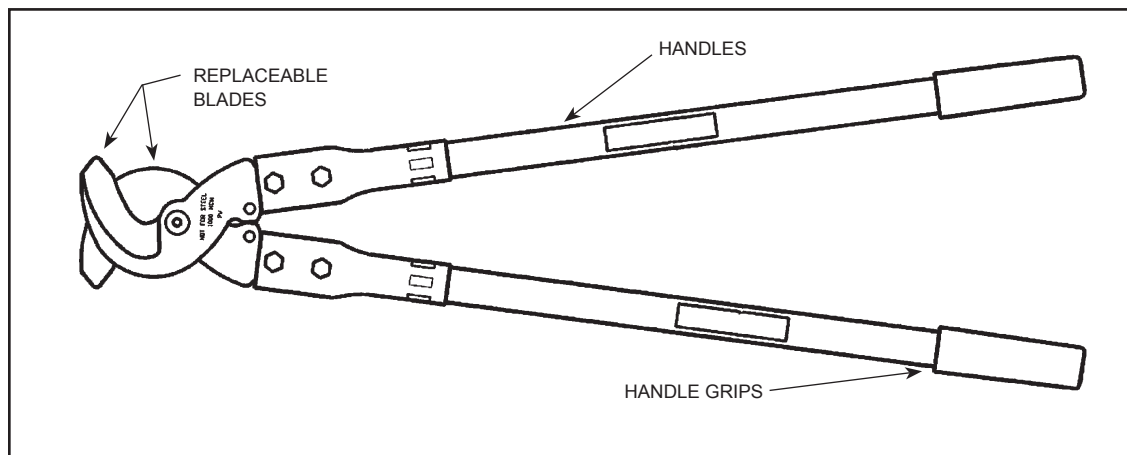
The MCC series cable cutters are warranted to be free from defects in material (excluding blades) and workmanship for one year.



Features and Benefits

- High quality design and construction
- Rugged high quality steel blades
- Fiberglass handles with soft grips
- Easy cutting with minimal cable distortion
- Excellent cutting edge performance
- Provides comfortable tool operation and long life

Catalog Number	Overall Length	Max. Capacity		Max. Insulation Diameter	Weight
		Copper	Aluminum		
MCC600	21" [533 mm]	600 kcmil	600 kcmil	1.31" [33 mm]	3.5 lbs. [1.5 kg]
MCC1000	32" [813 mm]	1000 kcmil	1000 kcmil	1.90" [48 mm]	9.0 lbs. [4.0 kg]



Replacement Blades

Catalog Number	Description
MCC600BLADESET	Replacement Blades for MCC600
MCC1000BLADESET	Replacement Blades for MCC1000

N-85

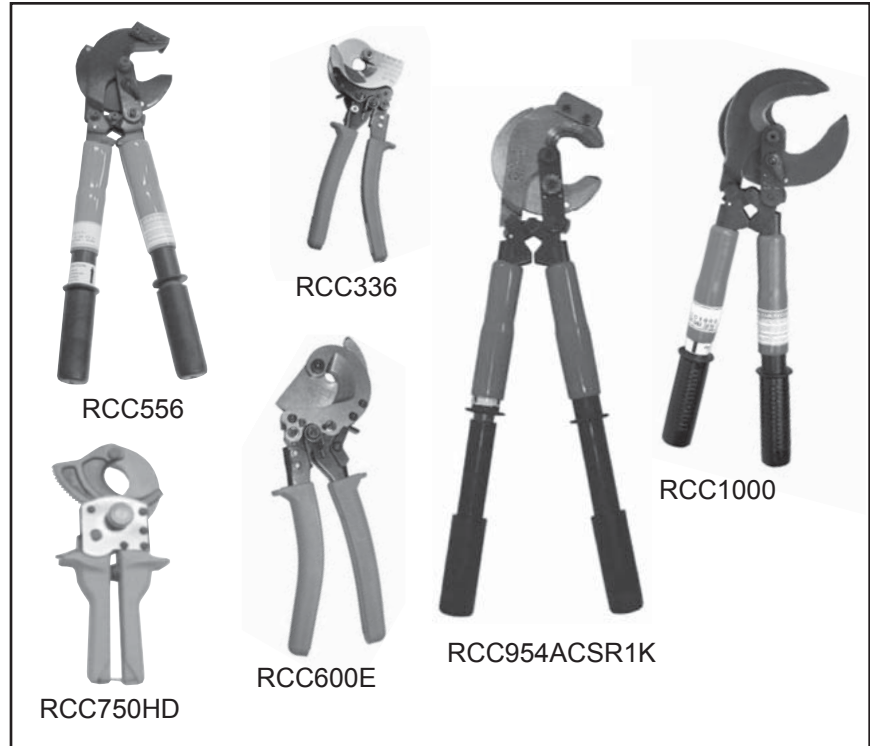
TYPES RCC336, RCC556, RCC600E, RCC750HD, RCC954ACSR1K, RCC1000

Ratchet Cable Cutters

The RCC series cable cutters are precision high quality tools designed to cut up to 954 ACSR and 1000 kcmil copper and alumin-um. The tools are equipped with rugged steel blades and a precision bi-directional ratchet mechanism for positive blade control, including where applicable, a fast action thumb slide collar for rapid blade advance and rugged fiberglass or non-slip grip handles. RCC600E and RCC750HD have cushion grip covered steel handles.

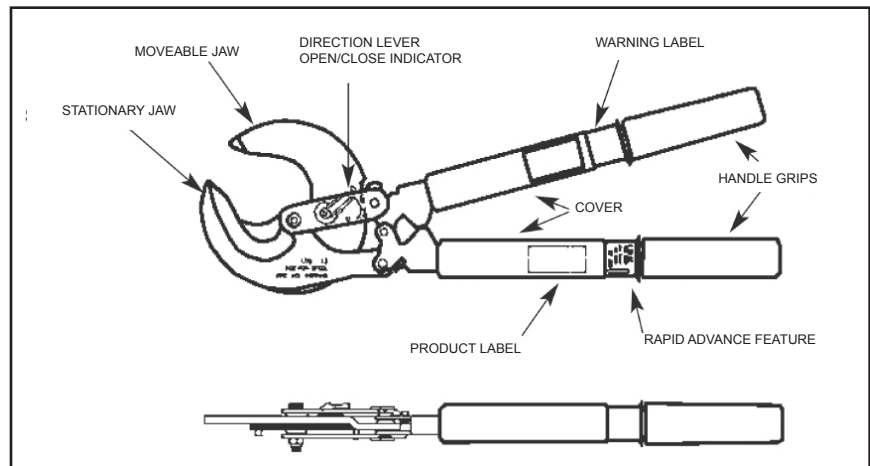
The RCC series cable cutters are warranted to be free from defects in material (excluding blades) and workmanship for one year.

For replacement blades, consult factory for details.



Features and Benefits

- Patented high strength steel blades
- Quick release, bi-directional ratchet mechanism
- Rapid blade advance
- Easy cutting with minimal cable distortion
- Excellent cutting edge performance
- Provides comfortable tool operation and long life



N-86

Catalog Number	Overall Length in / mm	Max. Capacity			Max. Insulation Diameter in / mm	Weight lbs. / kg
		Copper	Aluminum	ACSR		
RCC336	10.50" / 267 mm	350 kcmil [177 mm]	500 kcmil [253 mm]	336 kcmil [18.31mm]	0.74" / 18.8 mm	1.20 lbs. / 0.50 kg
RCC556	20.00" / 508 mm	500 kcmil [26.70 mm]	500 kcmil [26.70 mm]	556 kcmil [23.55mm]	1.25" / 31.75 mm	4.50 lbs. / 2.00 kg
RCC600E	10.50" / 267 mm	600 kcmil [26.70 mm]	600 kcmil [26.70 mm]	—	1.05" / 26.60 mm	1.32 lbs. / 0.40 kg
RCC750HD	10.50" / 267 mm	750 kcmil [29.36 mm]	750 kcmil [29.36 mm]	—	1.62" / 41.15 mm	2.43 lbs. / 1.10 kg
RCC954ACSR1K	22.75" / 578 mm	1000 kcmil [33.27 mm]	1000 kcmil [33.27 mm]	954 kcmil [30.38 mm]	1.38" / 35.05 mm	6.50 lbs. / 2.95 kg
RCC1000	20.00" / 508 mm	1000 kcmil [33.27 mm]	1000 kcmil [33.27 mm]	—	2.38" / 60.32 mm	4.50 lbs. / 2.00 kg

RWRC516, RWRC916

Ratchet Wire Rope Cutter

The BURNDY® RWRC516 and RWRC916 wire rope cutters are premium precision tools designed to cut flexible, multi-stranded steel and stainless steel wire rope.

Tightly guided high strength steel blades prevent wire entrapment between the blades. The blade geometry captures the wire to produce a clean cut while preserving the circular shape of the wire bundle.

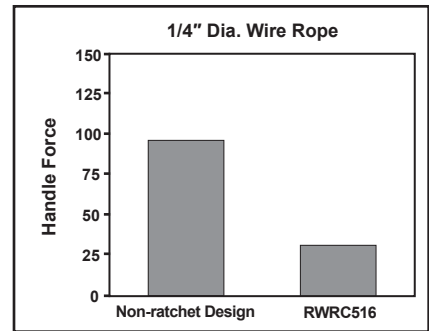
The tool employs a ratchet mechanism for precise control and significantly reduced handle force as compared to scissor or compound action designs. The handle grips are made of non-slip material and are designed for operator comfort.



SPECIFICATIONS

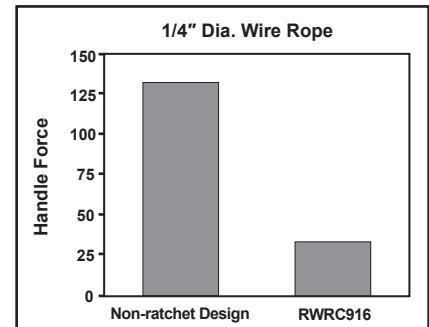
RWRC516

- Weight:** 120 lbs.
- Length:** 10.0"
- Cutting Capacity**
- Mild Steel:** 5/16" dia
- Stainless Steel:** 1/4" dia

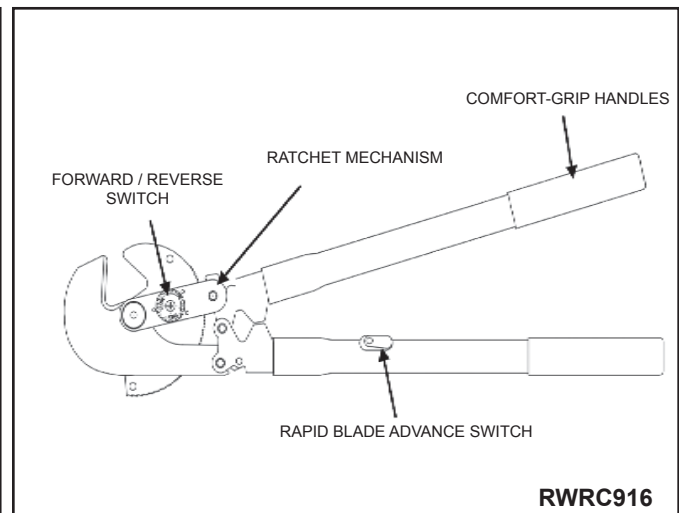
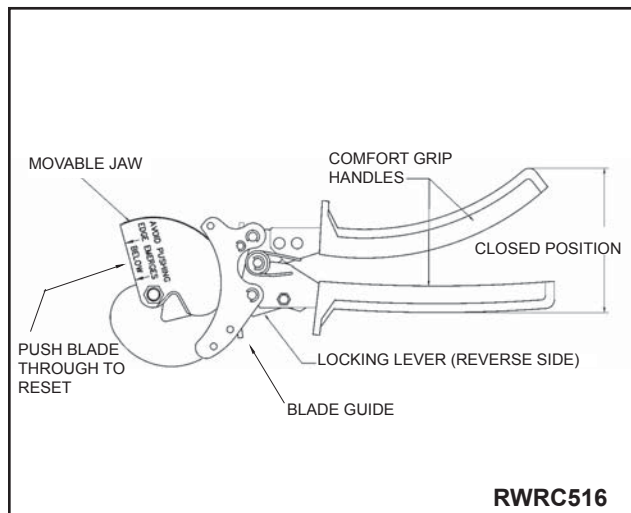


RWRC916

- Weight:** 4.35 lbs.
- Length:** 20.0"
- Cutting Capacity**
- Mild Steel:** 9/16" dia
- Stainless Steel:** 1/2" dia



	RWRC516	RWRC916
Ratcheting Feature	Yes	Yes
Blade Material	Hardened Steel	Hardened Steel
Emergency Release	Disengagement from Ratchet	Reverse Operation with Forward/Reverse Switch
Rapid Blade Advance	Yes	Yes
Quickblade Reset	Push Blade Through Cycle	Reverse Operation



N-87

HP10, HP8 AND HP6

HP Series Manual Hydraulic Hand Pumps

Hydraulic Output Pressures of 10,000 PSI, 8,800 PSI, and 6,000 PSI

Hand pumps are designed to match the output pressure requirements of HYPRESS™ heads and cutters. Each pump is equipped with a built-in, factory set pressure release valve with audible click to signal completion of crimp cycle.



Features and Benefits

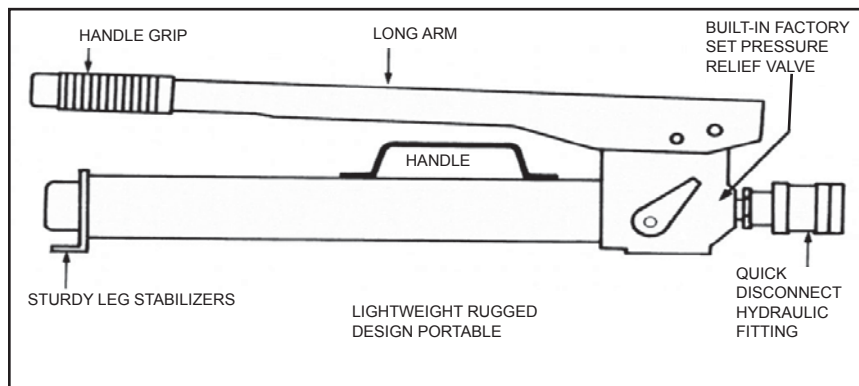
- Durable, long life expectancy
- Easy to transport and move tool around job site with built in handle
- Maximum mechanical advantage provided with long handle
- Solid tool base provided with sturdy broad leg stabilizers
- Save time with quick disconnect hydraulic fitting
- High quality crimps provided with built-in, factory set pressure release valve and audible click to signal completion of crimp
- 5-year limited warranty

SPECIFICATIONS

Reservoir volume:	1-1/8 qts.
Length:	24-3/4"
Width:	5"
Weight:	18 lbs
Closed height:	6-3/4"
Height:	20"
	(with handle open)

FOR USE ON

HP10	10,000	Y34BH, Y35BH, Y35BH-4, Y750BHXT, Y750CBHXT, Y39BH, Y45, Y46C, Y46, Y60BHU, Y60 LW, RHCC Series Cutters
HP6	6,000	Y29BH, Y35-L



ACCESSORIES

Cat# BP10PADKIT	Extended leg pad stabilizers (w/hardware)
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N-88

FP10, FP8 AND FP6

**FP Series Manual
Hydraulic Foot Pumps**

Hydraulic Output Pressures
of 10,000 PSI, 8,800 PSI, and
6,000 PSI

Foot pumps are designed to match the output pressure requirements for use with all HYPRESS™ heads and cutters. Each pump is equipped with a built-in, factory set pressure release valve with audible click to signal completion of a crimp cycle.



Features and Benefits

- Easy to lift and carry.
- Durable. Long life expectancy.
- Easy to transport and move tool around job site with built in handle.
- Easy operation provided with spring assisted return arm.
- Maximum mechanical advantage provided with long arm extending beyond pump body.
- Quality, heavy duty foot pad provided with diamond plate steel.
- Solid tool base provided with sturdy broad leg stabilizers.
- Time saving quick disconnect hydraulic fitting.
- High quality crimps provided with factory set pressure release valve with audible click to signal completion of crimp.
- 5-year limited warranty.
- Diamond plate steel foot pad.
- Long arm, Spring loaded arm.
- Built-in factory set pressure relief valve.
- Quick disconnect hydraulic fitting.
- Lightweight rugged design - portable.
- Sturdy leg stabilizers.

SPECIFICATIONS

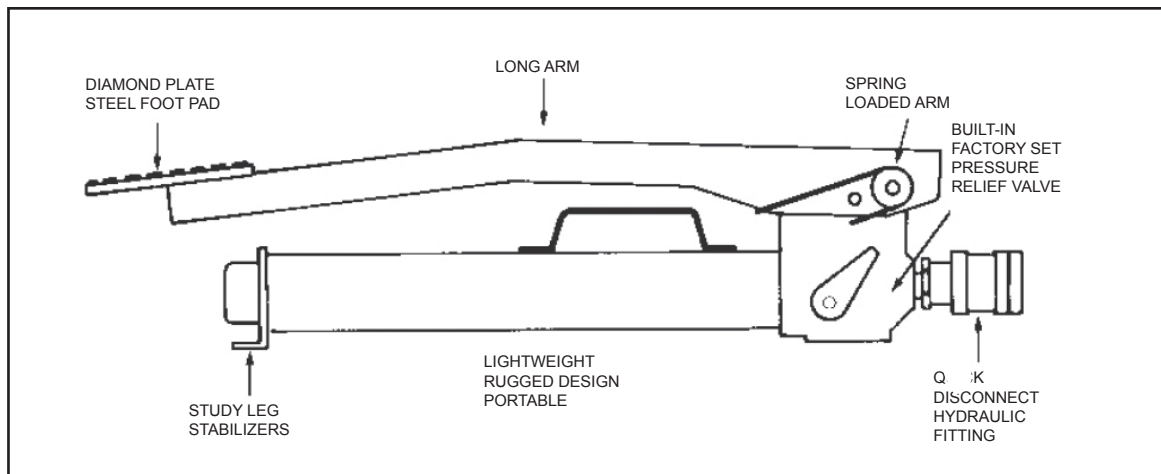
Reservoir volume: 1-1/8 qts.
Length: 24-3/4"
Width: 5"
Weight: 19 lbs
Closed height: 6-1/2"
Height: 17"
 (with handle open)

FOR USE ON

FP10	10,000	Y34BH, Y35BH, Y35BH-4, Y750BHXT, Y39BH,Y45, Y46C, Y46, Y60BHU, Y60LW, Y750CBHXT, RHCC Series Cutters
FP6	6,000	Y35-L, Y29BH

ACCESSORIES

Cat# BP10PADKIT	Extended leg pad stabilizers (w/hardware)
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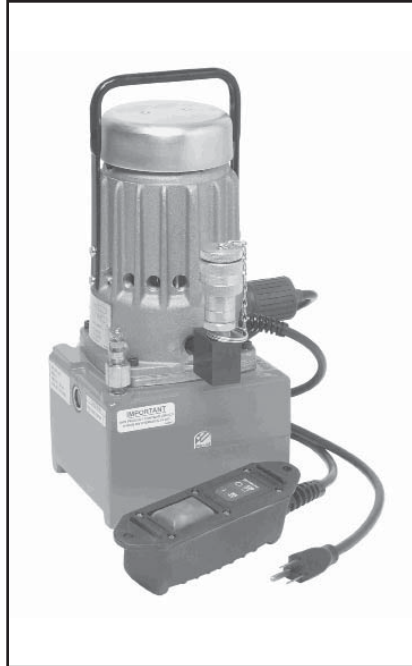
N-89

Y10AC9

Electric Hydraulic Pump

Hydraulic Output Pressure of 10,000 PSI

The Y10AC9 electric hydraulic pump is for use with all HYPRESS™ heads and cutters requiring 10,000 PSI operating pressure. The Y10AC9 is equipped with a built-in, factory set pressure relief valve. An audible “pop” and recycling of the pump as well as relaxing of the hose signal completion of the crimping/cutting cycle. Pump is supplied with a durable hand-held electric pendant switch.



SPECIFICATIONS

- Motor:** 115V-AC 50/60 Hz
5/8 HP, 10,000 rpm
- Maximum current draw:** 11 amp
- Reservoir Volume:** 1.61 quarts
- Height:** 14.38"
- Base:** 6.5" X 8.25"
- Weight:** 28 lbs (with oil)

FOR USE ON

Y34BH, Y35BH, Y35BH4, Y39BH, Y45, Y46, Y46C, Y750BHXT, Y750CBHXT, Y644MBH, Y4PC834MBH, Y81KFTMBH, Y60BHU, RHCC129ACSR, RHCC245CUAL

ACCESSORIES

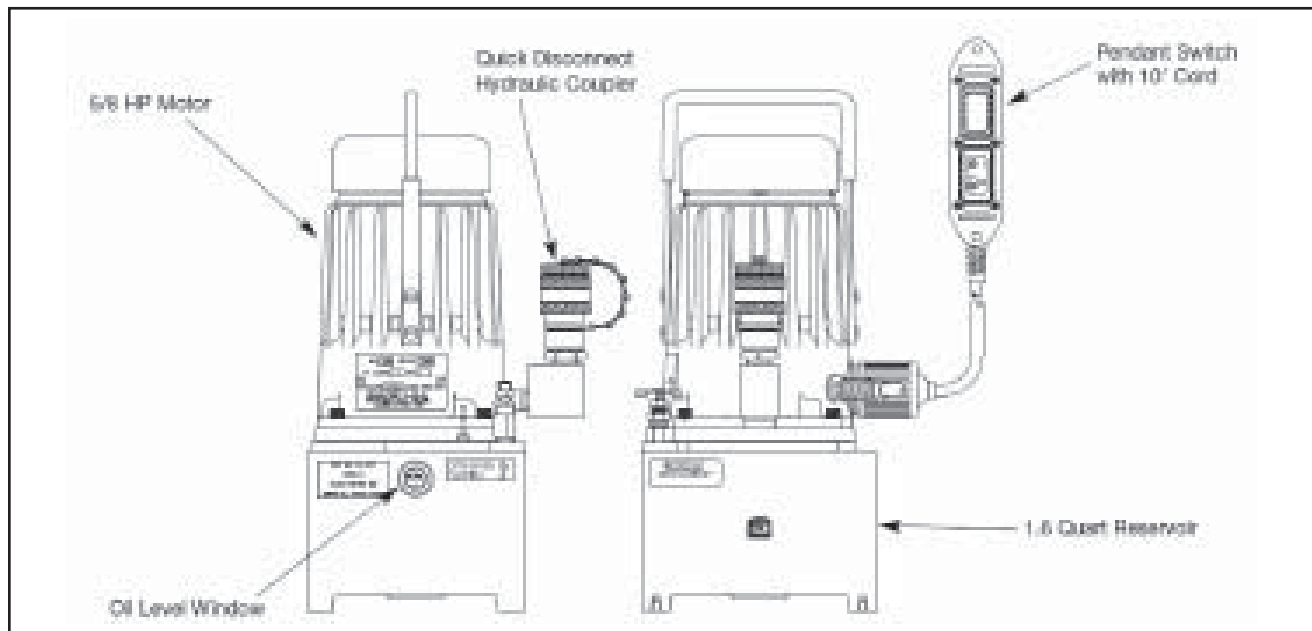
YAC-CASE Steel carrying case with handle and locking latch.

YAC-FC Foot Control.

Features and Benefits

- Lightweight, small size; easy to lift, carry and transport tool around job site with lightweight body and handle
- Factory set relief valve; high quality crimps are achieved with built-in, factory set pressure relief valve and audible recycling of pump to signal completion of crimp cycle
- 100,000 (+) life cycles; long durable life expectancy with light weight cast aluminum reservoir body
- Convenient 115V AC electric powered motor
- Saves time with quick disconnect hydraulic fitting
- Sealed electric pendant switch; easy operation with durable remote pendant switch with 10-foot cord
- 5-year limited warranty

The BURNDY® **Y10AC9OEM** is an additional electric hydraulic pump offering that comes equipped with a foot switch and “jog-and-hold” feature. Keep both hands on the connection with the Y10AC9OEM pump kit. For further details please contact customer service.



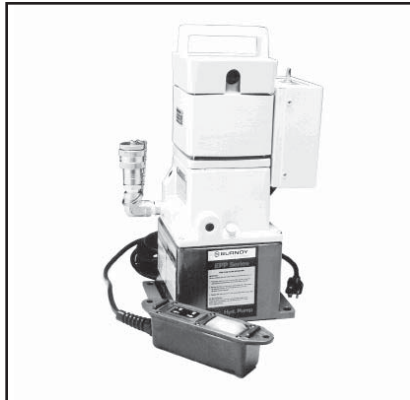
EPP10 AND EPP6

**EPP Series
Electric/Hydraulic Pump**

Hydraulic Output Pressures
of 10,000 PSI and 6,000 PSI

The lightweight and durable EPP10 electric/hydraulic pump is for use with all BURNDY® HYPRESS™ remote heads and cutters requiring 10,000 PSI operating pressure. Both the EPP10 and the EPP6 are equipped with a built-in, factory set pressure relief valve. An audible “pop” and recycling of the pump and relaxing of the hose, signals completion of the crimping/cutting cycle. Both pumps are supplied with a durable hand-held electric pendant switch, for remote operation of the unit, and have a manual selection switch mounted for operation of the unit at the pump. The operator can select which method is best suited for the application.

An optional carry/shipping case can be ordered. All EPP Series pumps have been life cycle tested to over 100,000 cycles without failure, and are warranted to be free of defects in materials and workmanship for 5-years when properly maintained and operated.



Features and Benefits

- Lightweight
- Small size
- Factory set relief valve
- 100,000 (+) life cycles
- Sealed electric pendant switch
- High quality crimps are achieved with built in, factory set pressure release valve and audible recycling of pump to signal completion of crimp cycle
- Easy to lift, carry and transport tool around job site with lightweight body and handle
- Convenient 115 V-AC electric powered motor
- Durable remote pendent switch
- Easy operation controlled with pendent switch, or manual switch
- Saves time with quick disconnect hydraulic fitting
- Long durable life expectancy with lightweight cast aluminum reservoir body
- 5-year limited warranty.

SPECIFICATIONS

Motor: 115V-AC/60 Hz
1/2 HP @ 3450 RPM

Maximum

Current Draw: 12.5 amperes

Reservoir Volume: 2 quarts

Height: 16"

Base: 6" X 8"

Weight: 30 lbs

FOR USE ON

EPP10	10,000	Y34BH, Y35BH, Y35BH-4, Y39BH, Y45, Y46, Y46C, Y60BHU, Y60LW, Y644MBH, Y750BHXT, Y750CBHXT, RHCC Series Cutters
EPP6	6,000	Y35L, Y29BH

ACCESSORIES

Cat. No. **EPPCASE-1**
Steel carrying case with handle and locking latch.

EPAC10, EPAC8 AND EPAC6

EPAC Series Electric/Hydraulic Pump, Air Control

Hydraulic Output Pressures
of 10,000 PSI, 8,800 PSI, and
6,000 PSI

The EPAC10, EPAC8, and EPAC6 electrically driven hydraulic pumps feature exclusive automatic or manual "Jog and Hold" operation control provided by a unique air control switch, which provides the safest operation method of any pump available. All EPAC's are remotely controlled by an improved air control switch which electrically isolates the operator from the unit, and can be operated by either hand or foot activation. A three (3) position toggle switch mounted on the control box allows the operator to select either full automatic, off, or manual operation.

The automatic mode advances the remote tool into a "hold" position without crimping the connector so the operator can inspect the orientation before completing the crimp. Once the crimp is completed, the pump automatically turns the pump off, allowing the retraction of the remote tool and resets itself for the next operation.

The manual position allows the operator to jog the tool forward without the tool ram retracting. To retract the tool prior to completing the crimp, turn the control switch to "off," the pump will stop and the tool will retract. In the manual mode the pump advances only while the control is being depressed. To complete a crimp, squeeze and hold the air control switch until the pump reaches the pre-set pressure and shuts off.

The EPAC Series of electrically driven hydraulic pumps incorporate a heavy-duty roll cage design that is both rugged and portable. All EPAC Series pumps have been life cycle tested to over 100,000 cycles without failure, and are warranted to be free of defects in material and workmanship for 5 years when properly maintained and operated.



SPECIFICATIONS

Motor:	1/2 HP 115/230V-AC, 60 Cycle
Maximum Current draw:	10 amperes
Reservoir Volume:	8 quarts max. 2 quarts min.
Height:	17-1/2"
Base:	11-3/4"X 18-1/2"
Dry Weight:	68 lbs (82 lbs. with max. fluid)
	(1/2 Hp @ 3450 RPM)

Features and Benefits

- Roll cage
- 3 position switch and control box
- Factory set output pressure
- Quick disconnect hydraulic coupler
- Oil level window
- 8 quart reservoir
- Permits final inspection of connector before completing crimp cycle
- Extra supply hydraulic fluid 8-quart reservoir
- Full automatic or manual "Jog and Hold" cycles
- Operator safety with power loss "smart circuit" freezes unit in event of power disruption
- Method of operation desired is permitted with 3-position selection switch
- Safety is provided against hazardous shock with airbulb actuator and air line
- Saves time with quick disconnect hydraulic fitting
- Windows allows easy inspection of proper oil level
- High quality crimps are achieved with built-in factory set pressure release valve
- 5-year limited warranty

FOR USE ON

EPAC10	10,000	Y34BH, Y35BH
EPAC-6	6,000	Y35L, Y29BH

**EP10, EP10-2, EP8,
AND EP6**

**EP SERIES ELECTRIC/
HYDRAULIC PUMPS**

Hydraulic Output Pressures of 10,000 PSI, 8,800 PSI, and 6,000 PSI

Electrically driven hydraulic pumps are supplied with a durable, hand-held electric pendant switch that remotely controls the pump and matches the output requirements of all HYPRESS™ remote heads and cutters. Each pump is equipped with a built-in, factory set, pressure relief valve. An audible “pop” and recycling of the pump and relaxing of the hose, signals completion of the crimping cutting cycle.

All EP series pumps are supplied with 115/230 - 220/230 voltage, 60/50 hertz, 1/2 horse power motor and can be wired for use with any electric power source worldwide. A three prong, grounded plug is wired standard on the units. All EP Series pumps have been life cycle tested to over 100,000 cycles without failure, and are warranted to be free of defects in materials and workmanship for 5-years when properly maintained and operated.

Features and Benefits

- 1/2 HP motor
- Dual voltage/hertz
- Roll cage
- Quick disconnect hydraulic coupler
- Oil level window
- 8 quart reservoir
- Factory set output pressure
- Provides fast sure pump action plus a long life expectancy
- It's portable. Roll cage allows easy moving on the job site
- Durable 1/2 HP dual voltage motor
- Extra supply of hydraulic fluid with 8 quart reservoir
- Saves time with quick-disconnect hydraulic fitting
- Easy operator control is provided with remote pendent switch

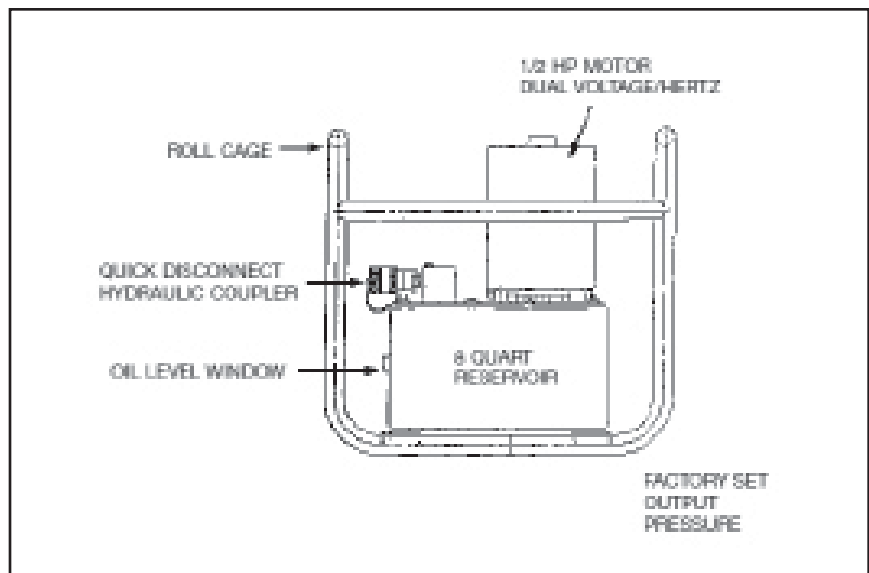


SPECIFICATIONS

- Motor:** 1/2 HP 115/230 V-AC, 60 Cycle
- (EP**-2 versions):** 1/2 HP 220/230 V-AC, 50 Cycle
- Current draw:** 10 amperes
- Reservoir Volume:** 8 quarts max., 2 quarts min.
- Height:** 17-1/2"
- Base:** 11-3/4" X 18-1/2"
- Dry Weight:** 68 lbs (86 lbs. with max. fluid)
- (1/2 Hp @ 3450 RPM)

FOR USE ON

EP10	10,000	Y34BH, Y35BH,
AND		Y35BH-4, Y39BH,
EP10-2		Y45, Y46, Y46-C,
		Y60BHU, Y60LW,
		Y750BHXT, Y750CBHXT,
		RHCC Series Cutters
EP6	6,000	Y35L, Y29BH



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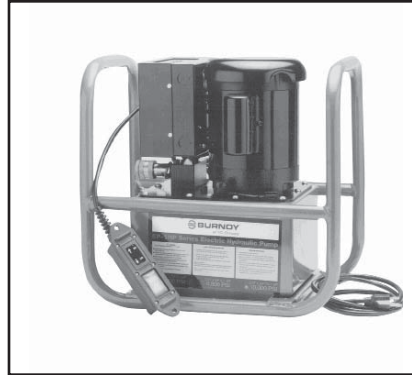
**EP10-1HP AND
EP10-1HP-2**

**EP-1HP SERIES ELECTRIC/
HYDRAULIC PUMPS**

Hydraulic Output Pressures
of 10,000 PSI

Heavy duty electrically driven hydraulic pumps are supplied with a durable, handheld electric pendant switch that remotely controls the pump and matches the output requirements of all HYPRESS™ remote heads and cutters. Each pump is equipped with a built-in, factory set, pressure relief valve. An audible “pop” and recycling of the pump and relaxing of the hose, signals completion of the crimping/cutting cycle.

All EP-1HP series pumps are supplied with 115/230 - 220/230 voltage, 60/50 hertz, 1 horsepower motors and can be wired for use with any electric power source worldwide. A three prong, grounded plug is wired standard on the units. All EP-1HP Series pumps have been life cycle tested to over 100,000 cycles without failure, and are warranted to be free of defects in materials and workmanship for 5-years when properly maintained and operated.



Features and Benefits

- Heavy duty design
- Roll cage
- Quick disconnect hydraulic coupler
- Oil level window
- 8 quart reservoir
- Factory set output pressure
- 1 HP motor dual voltage/hertz
- Provides fast sure pump action plus a long life expectancy
- Its portable roll cage allows easy moving on the job site
- Strong durable motor provided with (1) H.P. dual voltage design
- Extra supply of hydraulic fluid with 8 quart reservoir
- Saves time with quick-disconnect hydraulic fitting
- Easy operator control is provided with remote pendant switch
- Easy inspection of proper oil level is provided by see through window
- High quality crimps are achieved with built-in, factory set, pressure release valve and audible recycling of pump which signals completion of crimp
- 5-year limited warranty

SPECIFICATIONS

Motor: 1 HP 115/230V-AC,
60 cycle
(EP-2 versions):** 1/2 HP 220/230V-AC,
50 cycle

**Maximum
Current draw:** 10 amps
Reservoir Volume: 8 quarts max.,
2 quarts min.

Height: 17-1/2"
Base: 11-3/4" X 18-1/2"
Dry Weight: 68 lbs
(86 lbs with max. fluid)
(1/2 Hp @ 3450 RPM)

FOR USE ON

EP10-1HP 10,000 Y34BH, Y35BH,
AND Y35BH-4, Y39BH,
EP10-1HP-2 Y45, Y46, Y46-C,
Y60BHU,
Y750BHXT,
Y750CBHXT, RHCC
Series Cutters

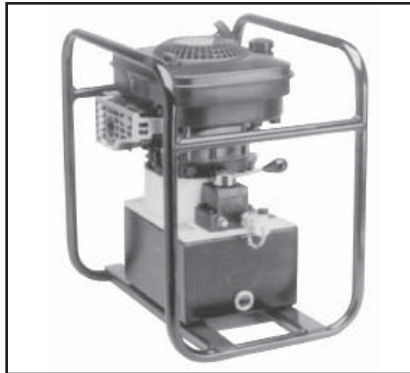
GP10

**GP Series Gasoline Engine
Driven Hydraulic Pump**

Hydraulic Output Pressures
of 10,000 PSI

The GP series gasoline engine driven hydraulic pump is a heavy-duty design that is rugged and portable. Supplied with a 4 H.P. engine, the pump operates all BURNDY® remote compression heads and cable cutters.

All GP style pumps have a built-in, factory pre-set, automatic pressure release overload valve with a definite pulsing and recycling to signal the completion of a crimp. The manual control valve allows user to “Jog and Hold” due to the unique check valve design that keeps pressure in the output line until retracted.



Features and Benefits

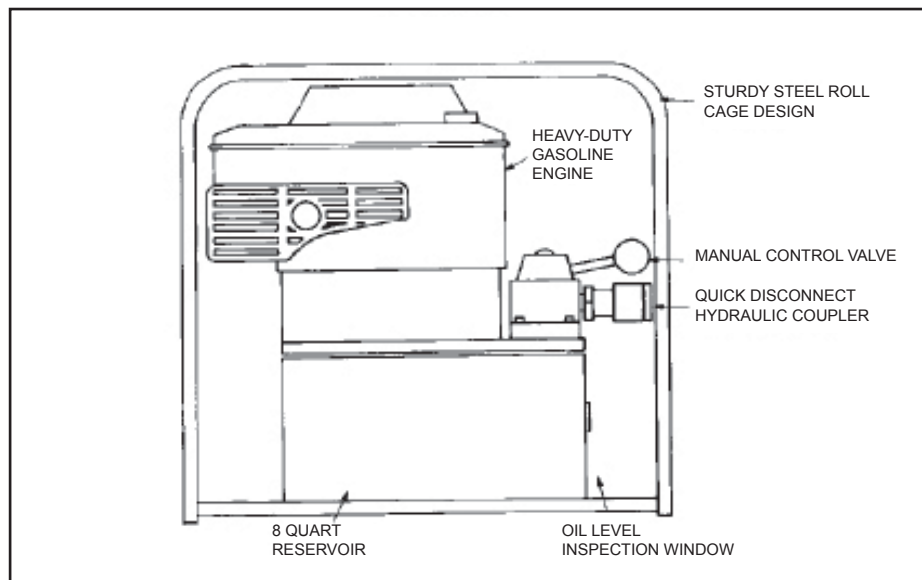
- Heavy duty gasoline engine
- Sturdy steel roll cage design
- Manual control valve
- Quick disconnect hydraulic coupler
- 8 quart reservoir
- Oil level inspection window
- Portable pump with sturdy steel roll cage
- Durable heavy-duty 4 H.P. engine for all HYPRESS™ applications and long life expectancy
- Manual control valve permits easy control of crimping or cutting operations
- Fast hose assembly with quick disconnect pressure matched hydraulic couplers
- Ample hydraulic capacity with (8) quart reservoir
- 5-year limited warranty

SPECIFICATIONS

Engine:	4 H.P., 4 cycle
Reservoir Volume:	2 gallons (8 qts.)
Pump height:	19-3/4"
Pump width:	13"
Pump length:	18"
Overall height:	22-1/4"
Overall width:	16"
Overall length:	21"
Pump and motor	
Dry Weight:	64-1/4 lbs
Overall dry weight:	77-3/4 lbs

FOR USE ON

<u>Pump</u>	<u>PSI</u>	<u>Hydraulic Tools and Cutters</u>
GP10	10,000	Y34BH, Y35BH, Y35BH-4, Y39BH, Y45, Y46, Y46C, Y60BHU, Y60BHU-D, Y750BHXT, Y750CBHXT, RHCC Series Cutters



N-95

HYDRAULIC HOSES

NON CONDUCTIVE HOSES*



10,000 PSI

Cat. No.	Description
PT 29900-10	10' - 3/16" diameter - non conductive hose with stackable couplers (male/female) - orange
PT 29900-15	15' - 3/16" diameter - non conductive hose with stackable couplers (male/female) - orange
PT 29900-25	25' - 3/16" diameter - non conductive hose with stackable couplers (male/female) - orange
PT 29901-10	10' - 1/4" diameter - non conductive hose with stackable couplers (male/female) - orange
PT 29901-15	15' - 1/4" diameter - non conductive hose with stackable couplers (male/female) - orange
PT 29901-25	25' - 1/4" diameter - non conductive hose with stackable couplers (male/female) - orange

NON CONDUCTIVE HOSES*



6,000 PSI

Cat. No.	Description
PT 29902-10	10' - non conductive hose with stackable couplers (male/female) - orange
PT 29902-15	15' - non conductive hose with stackable couplers (male/female) - orange
PT 29902-25	25' - non conductive hose with stackable couplers (male/female) - orange
PT 29074-1	Non conductive hose carrying bag

* For proper care and maintenance of hydraulic hoses, consult the "Hydraulic Hose Care" manual, Form No. 7828

CONDUCTIVE HOSES*



10,000 PSI

Cat. No.	Description
PT 91	8' - steel braided hose with steel spring reinforced ends. Stackable couplers (male/female) - Black. No electrical rating. DO NOT use on energized conductor.

8,000 PSI

Cat. No.	Description
PT 76	8' - steel braided hose with steel spring reinforced ends. Stackable couplers (male/female) - Black. No electrical rating. DO NOT use on energized conductor.

* For proper care and maintenance of hydraulic hoses, consult the "Hydraulic Hose Care" manual, Form No. 7828

N-96

Note: 1/4" diameter hose provides higher flow rate for faster ram movement.

* For proper care and maintenance of hydraulic hoses, consult the "Hydraulic Hose Care" manual, Form No. 7828



Do not attempt to repair or recouple the hose yourself!

ACCESSORIES



PT 29074-1
Insulated hose carrying bag

Designed to provide protection and cleanliness of non-conductive hoses. Accommodates 100 ft. of non-conductive coiled to 17-1/2" O.D. and 3-3/4" wide. Maximum carrying capacity: 10 lbs.



PT 29402-1 (for Y35BH)
PT 10128 (for Y46)

Adjustable Head Grip For joining HYPRESS™ heads to universal hot sticks



DIE CASES
PT 29291
(Y750, Y35/Y39) die case for "U" -type die sets

PT 6545
(Y45 and Y46) die case for "S" and "P" -type die sets



PT 29091 (male)
PT 29214-1 (female)

Replacement Coupler 6,000 PSI operating pressure



HYFLUID™
HYFLUID™ QT.
HYFLUID™ GAL.

(available in quart and gallon size containers)
Hydraulic fluid for BURNDY® HYPRESS™ hand operated tools:

Y35 and Y35-2 HYPRESS™ tools
Y39 HYPRESS™ tool
Y750 REVOLVER HYPRESS™ tools



ALFLUID™
ALFLUID™ QT.
ALFLUID™ GAL.

(available in quart and gallon size containers)
Use ALFLUID™ in hand operated tools during extended use below 32 degrees.

All weather HYDRAULIC fluid for BURNDY® pumps:

- HP hand pump
- FP foot pump
- GP gasoline pump
- EPP electric pump



PT 94 (male)
PT 93 (female)

Replacement Coupler 10,000 PSI operating pressure



PT 11018

In-line Pressure Gauge 10,000 PSI operating pressure for hydraulic pumps

ENFORCER®
HIW716ENF

HYDRAULIC IMPACT WRENCH
VARIABLE TORQUE

7/16" Quick Chuck

When it comes to drilling holes or tightening and loosening hardware the ENFORCER® hydraulic impact wrench (Catalog Number HIW716ENF) provides a powerful punch with 515 ft-lbs of torque that is unsurpassed in the 7/16" series of low pressure wrenches. Utilizing the very latest in CNC machining technology and superior materials, BURNDY® is proud to provide one of the toughest, lightweight wrenches ever offered in this class.

The ENFORCER® wrench comes with a 7/16" tri-ball quick chuck with a wide flange that will provide a secure hold on all standard 7/16" hex drive bits and accessories. The adjustable torque selector allows users to choose between a low setting of 200 ft-lbs and high setting of 515 ft-lbs of output torque. The dual acting spool allows the user to change from Open to Closed center operating circuits. In addition to our standard five year limited warranty, the ENFORCER™ wrench comes with a full one-year unlimited warranty on the shaft seal.

The ENFORCER® wrench comes equipped with an internal safety relief valve to protect the tool against hydraulic pressure spikes. This regulates pressure to the motor, and therefore allows excessive flow (flow which is beyond that which is required to do the work) to bypass back to the return side of the circuit.



Features and Benefits

- Industry exclusive torque selector; dual torque selector spool allows users to switch between 200 and 515 ft-lb torque settings
- 7/16" Tri-ball quick chuck; allows users to quickly change bits, sockets or other hardware adaptors
- CNC Machined billet aluminum; provides superior strength, reliability and makes for the lightest tool in its class. Also provides for tighter tolerancing to ensure higher quality
- Cartridge style valves; provides for greater accuracy and more economical servicing
- Dual spool operation; allows tool to be used in either an OPEN or CLOSED center hydraulic system



The picture above shows the HIW716ENF model with trigger guard, adaptors and couplers as listed under Accessories.

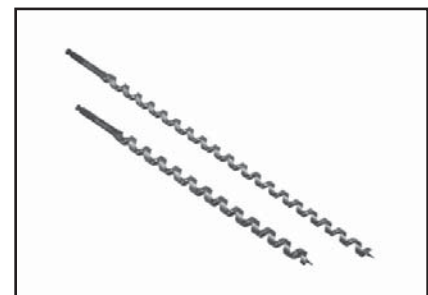
SPECIFICATIONS

Chuck Type:	7/16" Quick Chuck
Optimal Pressure:	750-2000 PSI
Flow Range:	4-12 GPM
Optimal Flow Range:	4-8 GPM
Operation:	Open/Closed option
Torque:	515 ft-lbs
Weight:	5.95 lbs
Length:	7.80"
Height:	8.90"
Width:	3.10"

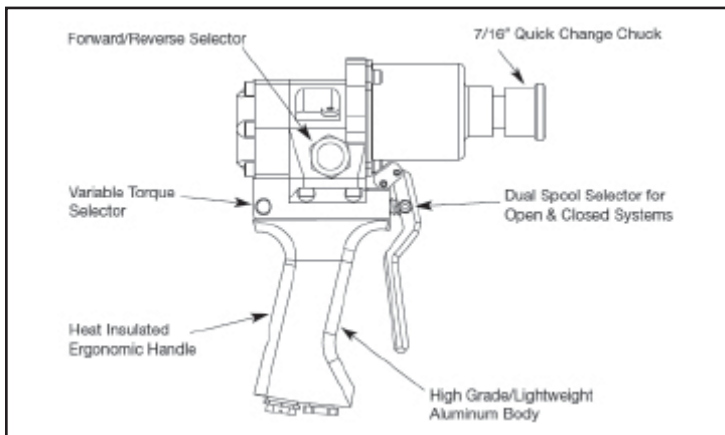
ACCESSORIES

<u>Cat. No.</u>	<u>Description</u>
HIW716ENFTGKIT	Trigger guard assembly kit
HIW716ENFTG	HIW716ENF wrench provided with a factory installed HIW716ENFTGKIT
LPHTADPMMOP66	Male to male adaptor for use with couplers listed below *(Qty. 2)
LPHTHTMANOSE66	Male coupling 3/8" NPT *(Qty. 1) per tool Qty. 2 per hose
LPHTHTMABODY66	Female coupling 3/8" NPT *(Qty. 1) per tool Qty. 2 per hose
LPHTHOSNCR66668	3/8" X 8 Ft. hose set *(Qty. 1)

*(Recommended quantity for use with HIW716ENF)



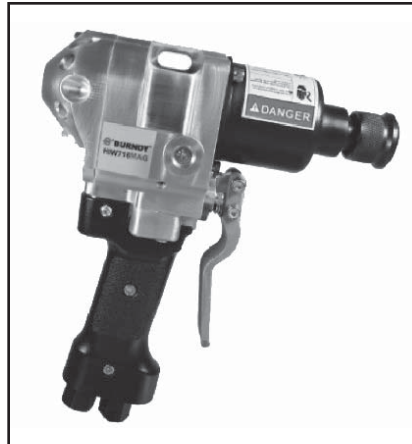
See our complete line of Auger Bits.



HIW716MAG

MAG Series - Machined Aluminum, Gerotor Design

The BURNDY® low pressure hydraulic impact wrench MAG Series (Machined Aluminum, Gerotor) is specifically designed for linemen and contractors needing power, reliability and enhanced ergonomics.



SPECIFICATIONS

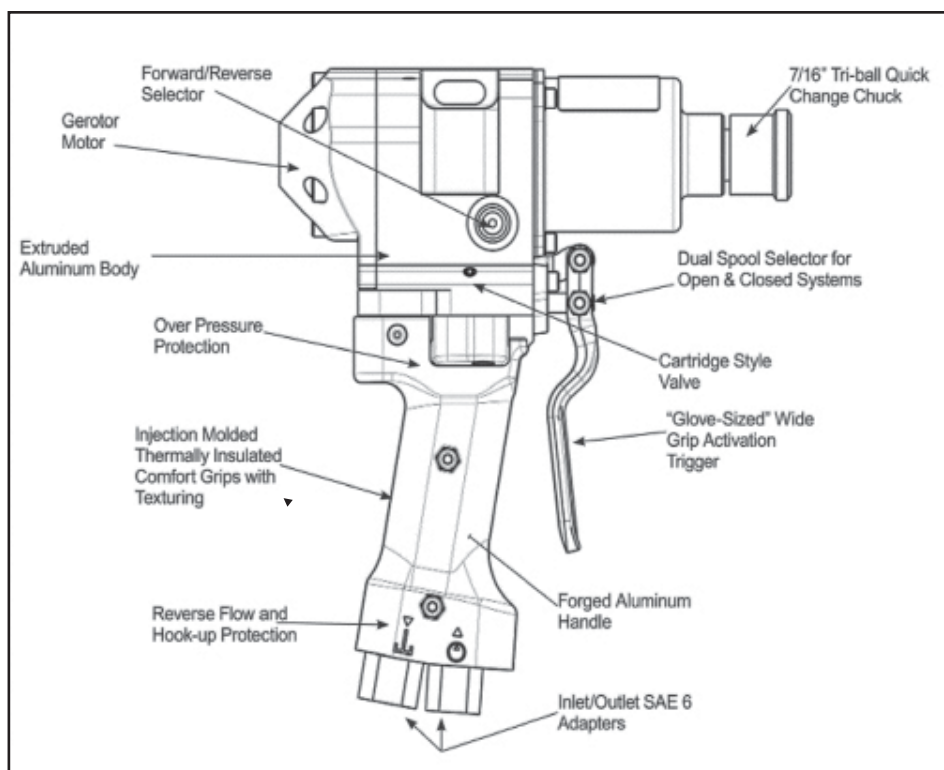
- Chuck Type:** 7/16" Tri-ball Quick Chuck
- Opt. Pressure:** 1,000 - 2,250 PSI
- Flow Range:** 4 - 12 GPM
- Opt. Flow Range:** 4 - 8 GPM
- Weight:** 7.6 lbs
- Torque:** 550 ft-lbs
- Height:** 9.60"
- Width:** 3.60"
- Length:** 9.00"

Features and Benefits

- Aircraft grade extruded aluminum body and forged handle
- CNC machined parts
- Frictionless gerotor motor
- BURNDY 5-year limited warranty
- Injection molded replaceable comfort grips
- Glove-sized handle and activation trigger
- Reduced handle-to-trigger distance
- Over 550 ft-lbs of torque @ 2000 psi & 5 gpm
- Reverse flow and hook-up prevention
- Dual spool selector for Open and Closed Center use
- Pressure relief valve
- Cartridge style valve

ACCESSORIES

- LPHTADPMM71612**
7/16" Quick Chuck to 1/2" Square Drive adaptor
- LPHTADPMMOP66 (2 required)**
SAE #6 to 3/8" NPT male-to-male adaptor
- LPHTHTMANOSE66**
3/8" Male Coupler (flat face) with 3/8" NPT (female thread)
- LPHTHTMABODY66**
3/8" Female Coupler (flat face) with 3/8" NPT (female thread)
- LPHTHOSNCR66668**
8', 3/8" NPT, 3/8" NPT Non-Conductive Hose
- LPHTADPSMOP66 (2 required)** SAE swivel



N-99

Drilling Solutions
Auger Bits

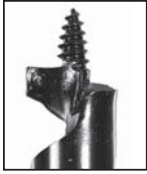




Auger Bits for Wood,
Fiberglass, Composite Poles

When it comes to drilling holes in wood, fiberglass or composite materials, the BURNDY line of drilling bits can meet the challenge.

Each bit is designed for specific application requirements. This results in superior performance enabling the job to get done right the first time.

These auger bits, when coupled with the high performance BURNDY impact wrenches, provide the end user with an "Engineered System" of unparalleled reliability and performance – the hallmark of BURNDY products.

Design Selection Chart

					
	DOMINATOR	RAZOR	ELIMINATOR™	HOLLOW CORE	SOLID CORE
Material Drilled	Treated Wood	Treated Wood	Treated Wood	Fibreglass Composite	Fibreglass Composite
TIP	Hardened Steel	Hardened Steel	Carbide Tip	Carbide Tip	Carbide Tip
Features and Benefits	<ul style="list-style-type: none"> Single flute Aggressive lead screw Very fast drilling Cuts hardest of woods Self-feeding 	<ul style="list-style-type: none"> Single flute Aggressive lead screw Added "spur" Fast drilling Extra clean holes No re-drilling required Self feeding 	<ul style="list-style-type: none"> Carbide tip Single flute Patented cutting geometry Fast drilling Very clean holes Easy fastener insertion Lowest cost/hole drilled Can be refurbished 	<ul style="list-style-type: none"> Specialized short flute "Solid" body design Carbide Tip Engineered cutting tip Designed for fiberglass Cuts quickly and cleanly No splinters No melting Drill both holes at once Can be re-sharpened 	<ul style="list-style-type: none"> Specialized long flute "Fluted" body design Carbide Tip Engineered cutting tip Designed for fiberglass Cuts quickly and cleanly No splinters No melting Removes debris quickly Drill both holes at once Can be re-sharpened
HOLES*	100+	100+	2000+	500+	500+

*Approximate comparison of # holes drilled/bit



HIW716MAG

N-100

**Drilling Solutions
Auger Bits**

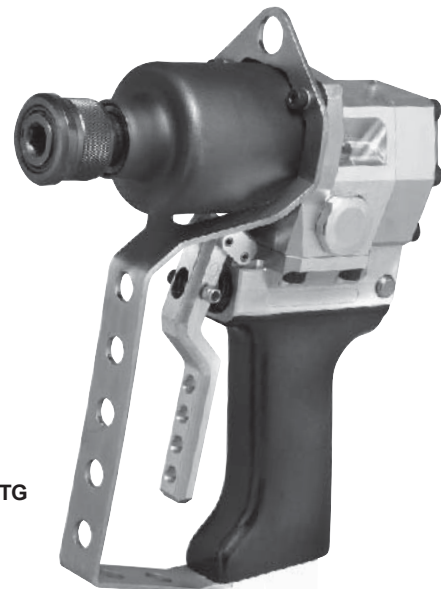
Auger Bits for Wood,
Fiberglass, Composite Poles



Auger Bit Part Number Chart

OAL	DIA	TREATED WOOD			FIBERGLASS/COMPOSITE	
		DOMINATOR	RAZOR	ELIMINATOR™	HOLLOW CORE	SOLID CORE
8"	9/16"		LPHTBIT9168R			
12"	9/16"				LPHTBIT91612HC	
12"	11/16"				LPHTBIT111612HC	LPHTBIT111612SC
12"	13/16"				LPHTBIT131612HC	LPHTBIT131612SC
12"	1 1/8"				LPHTBIT11812HC	
18"	11/16"				LPHTBIT111618HC	
18"	13/16"				LPHTBIT131618HC	LPHTBIT131618SC
18"	1/2"			LPHTBIT1218		
18"	9/16"		LPHTBIT91618R			
18"	5/8"	LPHTBIT5818D	LPHTBIT5818R			
18"	11/16"	LPHTBIT111618D	LPHTBIT111618R	LPHTBIT111618		
18"	3/4"	LPHTBIT3418D	LPHTBIT3418R			
18"	13/16"	LPHTBIT131618D	LPHTBIT131618R	LPHTBIT131618		
18"	7/8"	LPHTBIT7818D				
18"	15/16"	LPHTBIT151618D	LPHTBIT151618R	LPHTBIT151618		
24"	5/8"	LPHTBIT5824D				
24"	11/16"	LPHTBIT111624D	LPHTBIT111624R			
24"	3/4"	LPHTBIT3424D				
24"	13/16"	LPHTBIT131624D	LPHTBIT131624R	LPHTBIT131624		
24"	15/16"	LPHTBIT151624D	LPHTBIT151624R			
24"	1 1/8"	LPHTBIT11824D	LPHTBIT11824R			

Other styles and sizes are available on request



HIW716ENFTG

N-101

KOMPRESSOR™
LPHY750XT AND
LPHY750CXT

Remote Operated 12 Ton
 Low Pressure Hydraulic
 Compression Tool

The BURNDY® LPHY750XT KOMPRESSOR™ is a lightweight, compact, low pressure, hydraulic 12 ton crimping tool. The LPHY750XT is double acting for hydraulic ram advance and retract. The KOMPRESSOR™ also has an industry exclusive spring back-up for ram retraction in case of loss of hydraulic pressure. The LPHY750XT comes equipped with an ergonomic handle designed for better balance, which helps lessen fatigue to the operator.

The LPHY750XT KOMPRESSOR™ features the BURNDY® 750XT tool head with a 1.65" jaw opening capable of using all industry standard BURNDY® "U" dies. The LPHY750XT has an industry exclusive visual crimp indicator to assure the operator of a properly completed crimp. The LPHY750XT also has an audible crimp indicator.

The LPHY750XT is powered directly from open center or closed center hydraulic tool circuits present on most utility line trucks or can be operated from individual low-pressure hydraulic power units. The LPHY750XT can be switched from open center to closed center operation with a simple external adjustment. The LPHY750XT does not require any additional tooling such as boosters, intensifiers, or hand controls in the bucket. The tool has a 5-year limited warranty.



Features and Benefits

- **LPHY750CXT** covered version available.
- Visual and audible crimp indicator assures properly completed crimps with 12 tons of force
- Covers a wide range of applications with its 1.65" jaw opening
- 350° head rotation for versatile tool head positioning allowing the user to get into tight areas easier
- Uses all standard BURNDY® "U" dies
- Operates on open center or closed center hydraulic systems
- Ergonomic handle design for better balance and helps lessen fatigue
- Double acting tool for hydraulic ram advance and retraction
- Spring back up for ram retraction if hydraulic system shuts down
- 5-year limited warranty

SPECIFICATIONS

Flow Rate: 3 - 9 GPM
 (11 - 34 LPM)
Operating Pressure: 1,500 - 2,500 PSI
 (103 - 172 BAR)
Force Developed: 12 Tons
Weight: 21 lbs (9.5 kg)
Overall Length: 20.65" (524 mm)
Width: 15" (381 mm)
Jaw Opening: 1.65" (42 mm)
Max. Back Pressure: 250 PSI (17 BAR)
Crimp Time: Approximately
 2 seconds

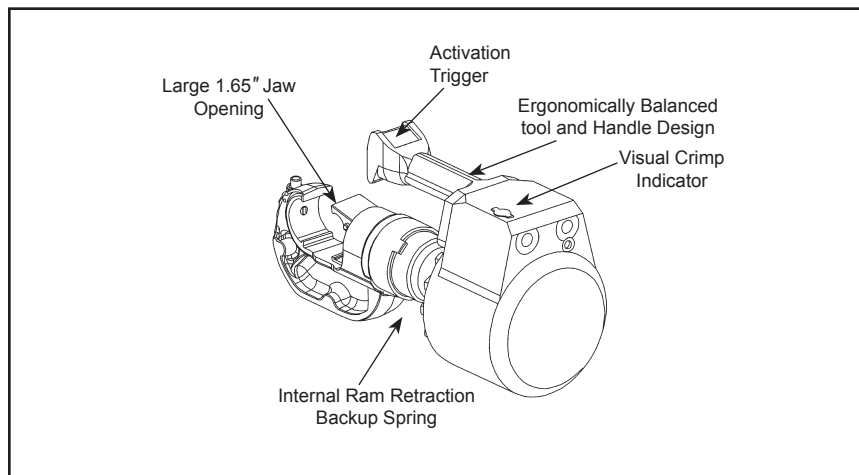
FOR USE ON

- **Tension Sleeves**
 - Copper #8 sol - 500 kcmil
 - Aluminum #8 sol - 587.2 kcmil
 - ACSR #4 - 556.5 kcmil
- **Taps**
 - Copper #14 sol - 500 kcmil
 - Aluminum #8 sol - 500 kcmil
- **Aerial Cable**
 - Copper #6 - 500 kcmil
- **Terminals and Splices**
 - Copper #8 - 750 kcmil
 - Aluminum #8 - 750 kcmil
 - ACSR #4 - 556.5 kcmil
- **HYGROUND®**
 - Copper #8 - 500 kcmil
 - Ground Rods 1/2" - 1" diameter

ACCESSORIES

- Hoses:**
 Cat No. **LPHTHOSNCR66668OP**
 Direct connect 8' non-conductive hose set
 Cat No. **LPHTHOSNCR666610OP**
 Direct connect 10' non-conductive hose set
 *Cat No. **LPHTHOSNCR666668**
 8' non-conductive hose set
 *Cat No. **LPHTHOSNCR666610**
 10' non-conductive hose set
Hydraulic Fittings:
 Cat No. **LPHTHTMANOSE66**
 Male coupler 3/8" HTMA
 Cat No. **LPHTHTMABODY66**
 Female coupler 3/8" HTMA
 Cat No. **LPHTADPSMFOP66**
 Swivel Adapter

*These hoses are used with the LPHTADPSMFOP66 swivel adapter.



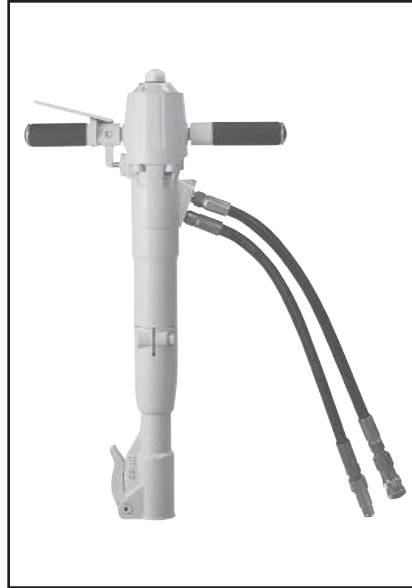
HBR40

HYDRAULIC BREAKER

Light and Medium Duty

Features and Benefits

- Light to Medium Duty breakers powerful enough for most breaking applications
- Control trigger built into handle
- Provided with 18" braided whip hoses (order HTMA couplers separately)
- Standard tool attachment mechanism allows use of all standard tool bits
- No compressed air exploding into atmosphere spreading dirt, dust and noise
- Hydraulic cushioning of return stroke reduces operator shock and fatigue
- Hand grips at comfortable working height
- Hydraulic operation provides continuous lubrication of all moving parts
- 5-year limited warranty



SPECIFICATIONS

- Flow:** 4-7 GPM (15-27 LPM)
- Optimum Flow:** 4 GPM (15 LPM)
- Pressure:** 1200-2000 PSI (85-140 BAR)
- Max. Back Pressure:** 150 psi (11 BAR)
- Weight:** 40-48 lbs
- Length:** 25"
- Tool Steel Capacity:** 1" x 4-1/4"
- Performance:** (1500 BPM) 45-55 lb. class breakers
- Whip Hoses:** 18" with 3/8" NPT fittings

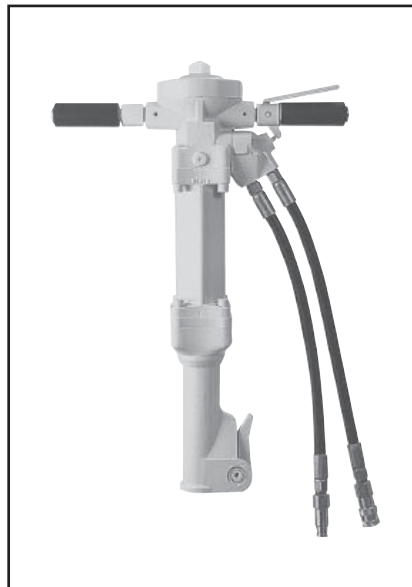
HBR66

HYDRAULIC BREAKER

Medium and Heavy Duty

Features and Benefits

- Medium to Heavy Duty breakers suitable for extended periods of operation
- Control trigger built into handle
- Provided with 18" braided whip hoses (order HTMA couplers separately)
- Standard tool attachment mechanism allows use of all standard tool bits
- No compressed air exploding into atmosphere spreading dirt, dust and noise
- Hydraulic cushioning of return stroke reduces operator shock and fatigue
- Hand grips at comfortable working height
- Hydraulic operation provides continuous lubrication of all moving parts
- 5-year limited warranty



SPECIFICATIONS

- Flow:** 4-7 GPM (15-27 LPM)
- Optimum Flow:** 4 GPM (15 LPM)
- Pressure:** 1200-2000 psi (85-140 BAR)
- Max. Back Pressure:** 150 psi (11 BAR)
- Weight:** 50-67 lbs.
- Length:** 27" to 35"
- Tool Steel Capacity:** 1-1/4" x 6"
- Performance:** 60-80 lb. class series
- Whip Hoses:** 18" with 3/8" NPT fittings

HTP3, HP3

3" SUBMERSIBLE PUMPS

The HP3 and HTP3 hydraulic submersible pumps are designed to reliably pump large volumes of liquids and solids (per specifications). HP and HTP models are durable and offer a very high performance-to-weight ratio. These pumps are self-lubricating, utilizing the hydraulic fluid in a closed loop to ensure consistent, reliable lubrication. The units can be run dry as they do not require water for cooling purposes whether submersed or not.

The high output and compact nature of these pumps make them ideal for pumping out vaults, trenches, ditches, ponds, tanks, pools, etc. in a multitude of industries including agriculture, construction, mining, utilities, public works, departments of transportation, and more.

Features and Benefits

- Totally submersible
- Pumps solids without blockage or damage
- Self lubricating design
- Cast aluminum pump body
- Double-sealed hydraulic motor shaft protects hydraulic source from water
- Thumb screw secured lid so cover is easy to remove without special tools
- Provided with whip hoses
- High impact, abrasion resistant liner
- 5-year limited warranty



3" Submersible Pump
HP3

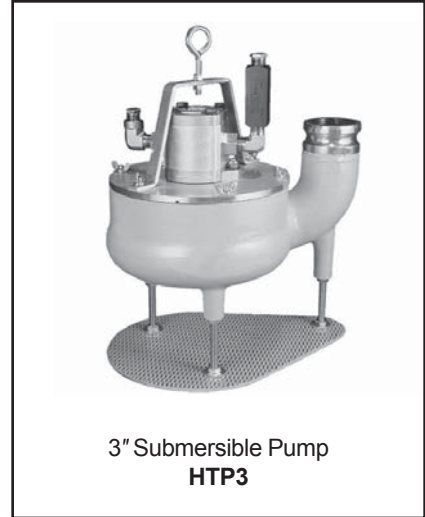
SPECIFICATIONS

HP3

- Flow:** 7-10 GPM (27-38 LPM)
- Pressure:** 1000-2000 PSI (70-140 BAR)
- Weight:** 36 lbs (16.34 kg)
- Pump capacity:** 750 GPM (2800 LPM)
- Operation:** Open/Closed center
- Discharge size:** 3" outlet (3" Male Cam-Lock)
- Maximum lift:** 50 ft. (21.34 m)
- Motor:** Gear Motor

ACCESSORIES

<u>Cat. No.</u>	<u>Description</u>
HOSE325	25 ft. long hose
HOSE350	50 ft. long hose



3" Submersible Pump
HTP3

SPECIFICATIONS

HTP3

- Flow:** 7-10 GPM (27-38 LPM)
- Pressure:** 1000-2000 PSI (70-140 BAR)
- Max. Back pressure:** 250 PSI (17 BAR)
- Weight:** 40 lbs (18.16 kg)
- Pump capacity:** 500 GPM (1900 LPM)
- Operation:** Open/Closed center
- Discharge size:** 3" outlet (3" Male Cam-Lock)
- Motor:** Gear Motor
- Diameter:** 12" (30.5 cm)
- Maximum lift:** 40 ft. (18.29 m)
- Ports:** 1/2" X 14 (#8) NPT (F)

**HP2HV
(HIGH VOLUME)**

2" SUBMERSIBLE PUMPS

Features and Benefits

- Totally submersible
- Self lubricating design
- Lightweight cast aluminum pump body
- Built-in lifting handle/eye
- Self-priming pump
- Provided with whip hoses
- Unit can run dry without damage
- HP2HV adaptable to either 2" or 2-1/2" discharge
- 5-year limited warranty



SPECIFICATIONS

- Flow:** 4-9 GPM
- Pressure:** 1000-2000 PSI (70-140 BAR)
- Weight:** 13 lbs
- Pump Capacity:** 340 GPM
- Operation:** Open/Closed center
- Maximum Lift:** 80 GPM @ 70 ft
- Motor:** Gerotor Motor

ACCESSORIES

<u>Cat. No.</u>	<u>Description</u>
HP2CAMLOCKHOSESET	HOSE SET KIT
HOSE2	25 ft. long hose

N-104

HPT R1 Series

POLE TAMPERS

The HPT hydraulic pole tampers are designed to provide trouble-free service for compacting around poles, posts, footings and other objects.

The pole tamper operates best on a flow rate of 4 gal/min. operating pressure. Force of blow, and frequency of blow will be a function of the flow rate provided. A minimum of 1000 lb/in² operating pressure is essential in order to obtain the maximum output performance.

The unique patented valving of the HPT pole tamper provides low maintenance, long life and superior handling characteristics because there is no mechanical impacting of the ram within the tamper. The oil reverses the stroke before bottoming out, preventing the tamper from hammering itself when running free between compaction strokes.

These features provide unexcelled compaction while virtually eliminating kick-back to the operator's hand.

Tamper shoes sold separately.

ACCESSORIES

Tamper shoes must be ordered separately.

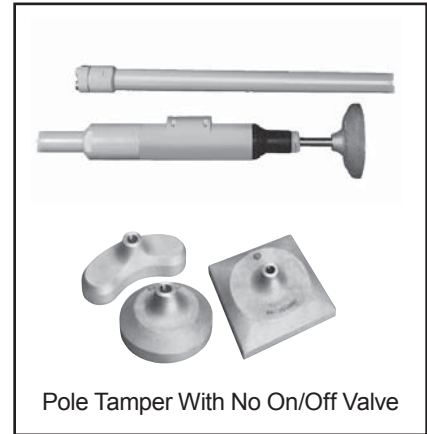
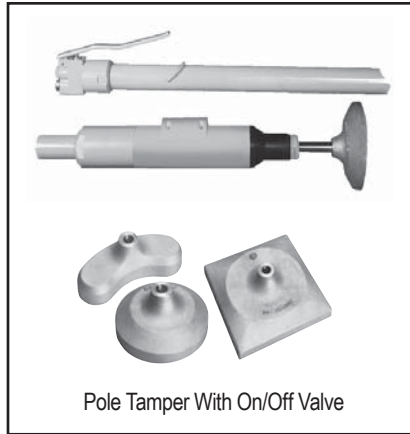
Cat # **TS-KD**: Kidney shoe, 3" x 8"
(7.6 x 20.3 cm)

Cat # **TS-RD**: Round shoe, 6" dia.
(15.2 cm dia.)

Cat # **TS-SQ**: Square shoe, 8" x 8"
(20.3 x 20.3 cm)

Whip Hoses must be ordered separately.

Cat # **LPWHPKITD**



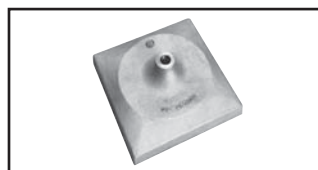
Features and Benefits

- Available with or without On/Off control valve
- Patented valving prevents impacting of the ram within the tamper
- Stroke amplitude of 1-5/8"
- Stroke frequency of 1375 blows/min is ideal for compacting around poles, posts, footings, and other objects
- Interchangeable heavy duty tamper shoes allows for flexibility
- 5-year limited warranty

SPECIFICATIONS

- Flow:** 4-10 GPM
(15-38 LPM)
- Pressure:** 1000-2000 PSI
(70-140 BAR)
- Max. Back Pressure:** 250 PSI (17 BAR)
- Operation:** Open/Closed center
- Stroke Amplitude:** 1-5/8"
- Stroke Frequency:** 1375 per minute
- Tool Ports:** #6 SAE O-Ring (F)

With On/Off Valve			No On/Off Valve		
Catalog Number	Overall Length	Weight (Approx.)	Catalog Number	Overall Length	Weight (Approx.)
HPT-60-R1	60" (152 cm)	29 lbs. (13 kg)	HPT-59-R1	59" (150 cm)	26 lbs. (12 kg)
HPT-72-R1	72" (183 cm)	30 lbs. (14 kg)	HPT-71-R1	71" (180 cm)	28 lbs. (13 kg)
HPT-84-R1	84" (213 cm)	32 lbs. (15 kg)	HPT-83-R1	83" (211 cm)	31 lbs. (14 kg)
HPT-96-R1	96" (244 cm)	34 lbs. (15.4 kg)	-	-	-



N-105

HHS SERIES

HAND CHAIN SAWS

The lightweight Hydraulic Hand-held Chain Saw was designed for the ease of handling, balance and dependability. A Gerotor motor provides the hand-held chain saw with a high level of torque and horsepower for long and trouble-free operation. The handle remains cooler because no hydraulic fluid flows through the grip. An automatic chain oiler is another feature of the saw. In addition, the guide bar contains a nose sprocket for improved cutting performance and reduced wear of the guide bar. The saws are furnished with a .325" pitch anti-kick back chain. The dual spool trigger design enables operation of the tool on both open-center and closed-center systems.



Features and Benefits

- Gerotor type motor has lifetime warranty
- Supplied with .325" pitch anti-kickback chain for maximum safety
- Dual action spool quickly and easily changes from Open to Closed center operation
- Automatic, adjustable chain oiler enables longer running time without damage to chain/ bar due to lack of lubrication
- Low RPM and high torque – minimizes saw kickback
- Choice of 13", 16" or 20" bars
- 5-year limited warranty

Catalog Number	Overall Length	Bar Length	Cutting Capacity	Weight (Approx.)
HHS-O/C-B13	24"	15-1/2"	13"	7-1/2 lbs
HHS-O/C-B16	27"	18-1/2"	16"	8 lbs
HHS-O/C-B20	30"	22-1/2"	20"	8-1/2 lbs

HPS SERIES

POLE CHAIN SAWS

The HPS hydraulic pole saws are designed for safety, convenience and function. The fiberglass extension provides lightweight strength reducing operator fatigue. The trigger guard helps to prevent accidental motor start. The high speed, high performance Gerotor motor enables these pole saws to tackle the toughest of pruning or clearing jobs. Pole chain saw models have a disk next to the sprocket to lessen the danger of a poorly adjusted chain from coming off the sprocket. In addition, the guide bar contains a self-lubricating oiling system to help reduce wear and increase performance. Non-conducting fiberglass poles tested to meet OSHA regulation 1910.269.



SPECIFICATIONS

HHS & HPS

- Flow:** 5-8 GPM (19-30 LPM)
- Pressure:** 1000-2000 PSI (70-140 BAR)
- Operation:** Open/Closed center
- Motor:** Gerotor
- Chain:** .325" pitch anti-kick-back
- Tool ports:** #6 SAE O-Ring (F)
- Max. Back pressure:** 250 PSI (17 BAR)

Catalog Number	Overall Length	Bar Length	Bar Length	Cutting Capacity	Weight (Approx.)
HHS-O/C-4-B13	76" (6'4")	48" (4')	15-1/2"	13"	9 lbs
HHS-O/C-5-B13	88" (7'4")	60" (5')	15-1/2"	13"	9-1/2 lbs

Features and Benefits

- Gerotor motor has lifetime warranty
- Dual action spool quickly and easily changes from Open to Closed center operation
- Automatic, adjustable chain oiler enables longer running time without damage to chain/ bar due to lack of lubrication
- 0.325" pitch anti-kick back chain supplied standard
- Low RPM and high torque — minimize saw kickback
- 5-year limited warranty

HPS-LW SERIES

POLE CHAIN SAWS

The HPS-LW Series of low pressure hydraulic pole saws offers users both a rugged and ergonomically balanced tool for tree trimming operations in the most demanding environments. This series incorporates all the features required for operational user safety and long term reliability in the field.

The unique body and handle are CNC machined from solid aircraft grade aluminum billet. This results in a highly repeatable and manufacturable design with very tight tolerances contributing to increased performance, efficiency and long term reliability in the field.

The HPS-LW series come with a 5-year limited warranty.

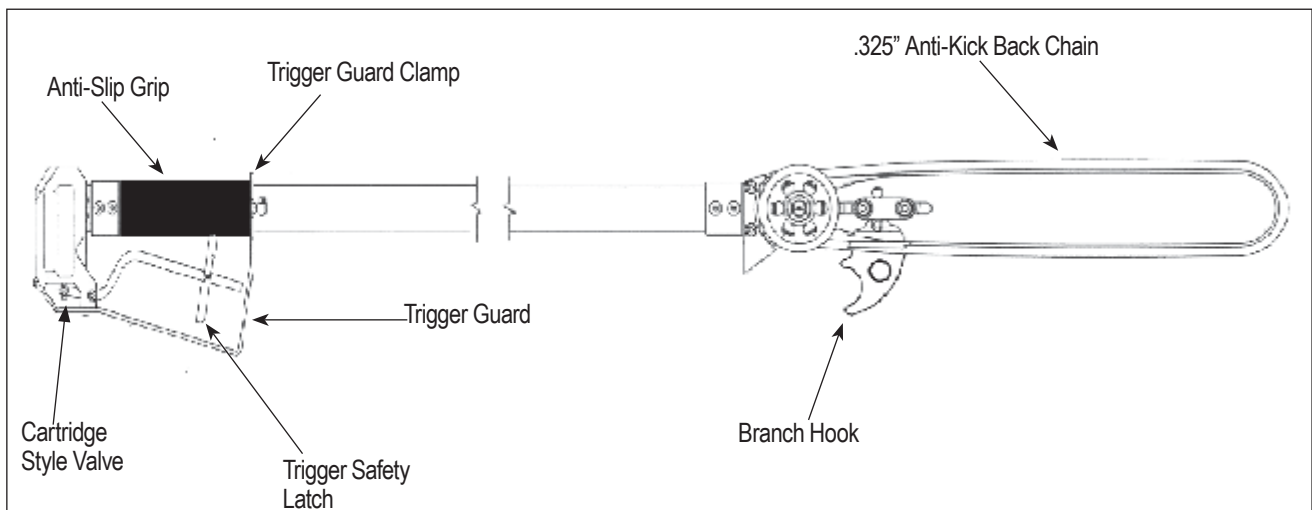


SPECIFICATIONS

- Flow:** 4 - 8 GPM (16-30 LPM)
- Pressure:** 1,000 - 2,000 psi (70-140 BAR)
- Operation:** Open/Closed center
- Motor:** Gear
- Chain:** .325" pitch anti-kickback
- Pressure Port:** #6 SAE O ring
- Return Port:** #6 SAE O ring

Catalog Number	Overall Length	Pole Diameter	Cutting Capacity	Weight (Approx.)
HPS1371LW	71"	1.312"	13"	8.0 lbs
HPS1383LW	83"	1.312"	13"	8.2 lbs

Features	Benefits
Aircraft grade solid Aluminum body and handle	Rugged material for long term use
CNC Machined body and handle	Repeatable performance, minimized leaking
Cartridge style valve	Eliminates "wear" to handle body reducing material and labor costs
Dual Open Center and Closed Center settings	Match truck circuits
External bar oiler	Increased saw use and chain/bar longevity
2-stage safety trigger, anti-kickback chain, "anti-slip" grip	Increased user protection for additional safety
Hook feature	Ease of branch clearing



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HPP18, HPP18-2

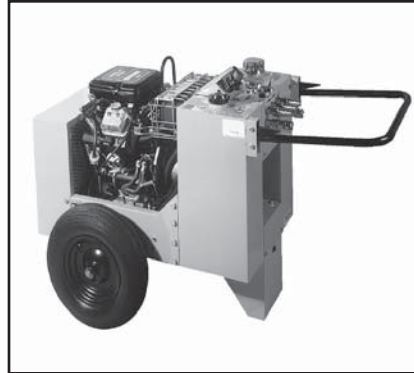
HYDRAULIC POWER PACK

Cat # **HPP18** (Single Circuit)

Cat # **HPP18-2** (Dual Circuit)

The HPP18-2 Hydraulic Power Pack is designed to provide hydraulic flow and pressure for operation of HTMA Type I and Type II hydraulic tools. The power pack is equipped with an 18 HP gas engine. The power packs are all equipped with air-to-oil coolers with suction fan mounted to the power shaft on the engine. The fuel and hydraulic systems are self-contained with the required reservoir, filtration and level indicators.

The hydraulic system consists of a hydraulic system fluid reservoir; filter assembly, single (HPP18) or tandem pump (HPP18-2), and a wide variety of flow controls. The filter element is a "spin on" type element for easy replacement. The filter housing has a pressure bypass valve to divert fluid directly to the tank in the event of a restricted filter. Only the hydraulic pumps are called out in the parts section of this manual. Pressure hoses from the pumps are connected directly to a control module, which contains a relief valve, a flow control valve, and pressure and return ports. 5 gallon hydraulic reservoir for cooler oil operation.



Features and Benefits

- Briggs & Stratton 18 HP VANGUARD gas engine (twin OHV cylinders)
- Integral oil cooling system with fully shrouded fan and changeable oil filter
- Fold away locking handle for easy job site portability
- Electronic ignition with key start, 12 Volt battery
- Features manual choke and an adjustable throttle mechanism with lock/adjustment
- Variable GPM output valve provides fluid flow from 1-10 GPM @ 2,000 psi (HPP18 only)
- HPP18-2 is a dual circuit unit: (1) 10 GPM or (2) 5 GPM
- HPP18-2 has the ability to operate two (2) 5 GPM tools simultaneously or one (1) tool up to 10 GPM

SPECIFICATIONS

HPP18

Output/Flow: 1 @ 2,000 PSI @ 1-10 GPM
 (138 Bar @ 0-38 LPM)

Dry Weight: 233 lbs (105.6 kg)

Length: 35" (88.9 cm)

Width: 29" (73.6 cm)

Height: 32" (81.2 cm)

Motor: 18 HP @ 3500 RPM

HPP18-2

Output/Flow: 2 @ 2,000 PSI @ 5 GPM or
 1 @ 2,000 PSI @ 10 GPM

Dry Weight: 233 lbs (105.6 kg)

Length: 35" (88.9 cm)

Width: 29" (73.6 cm)

Height: 32" (81.2 cm)

Motor: 18 HP @ 3500 RPM

HPP5

HYDRAULIC POWER PACK

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Features and Benefits

- Honda 5.5 HP engine with recoil start for reliability, ease of use and minimal maintenance
- Lightweight and compact, weighing only 83 lbs. Easily transported and can be picked up by one person
- Air blast oil cooler/radiator system with thermostatic control, prevents overheating of the hydraulic oil



- Built with a robust stainless steel frame and wheel kit, provides outstanding protection during use and transport
- Operating controls are basic and easy to use

SPECIFICATIONS

Engine: Honda 5.5 HP recoil start

Operating Pressure: 1450 PSI

Flow: 5.4 GPM

Dry Weight: 83 lbs

Fuel Tank Capacity: 1 gallon

Hyd. Oil Capacity: 1.25 gallons

Length: 20"

Width: 17"

Height: 18"

Catalog Number	Description
LPHT3CHISEL11418	3" Chisel, 1-1/4" hex, 18" Long
LPHTASPHALTCUT118	Asphalt Cutter, 1-1/8" hex
LPHTCLAYSPADE118	Clay Spade, 1-1/8" hex
LPHTGRDVR11458	Ground Rod Driver, 1-1/4" hex, 5/8" Rod
LPHTGRDVR11858	Ground Rod Driver, 1-1/8" hex, 5/8" Rod
LPHTMOILPT118	Moil Point, 1" hex, 18" Long
LPHTMOILPT11814	Moil Point, 1-1/8" hex, 14" Long
LPHTNARCHISEL11814	Narrow Chisel, 1-1/8" hex, 14" Long
LPHTADPMM71612	7/16" Quick Chuck Adaptor X 1/2" Square
HIW71612TGKIT	Trigger Guard for HIW-716
LPHTADPMMOP66	ADP Male/Male SAE #6, 3/8 NPT (2 required per tool)
Auger Bits (call for many additional options)	
LPHTBIT111618D	11/16" X 18" Long X 7/16 QC; Dominator
LPHTBIT111624D	11/16" X 24" Long X 7/16 QC; Dominator
LPHTBIT131618D	13/16" X 18" Long X 7/16 QC; Dominator
LPHTBIT131624D	13/16" X 24" Long X 7/16 QC; Dominator
LPHTBIT151618D	15/16" X 18" Long X 7/16 QC; Dominator
LPHTBIT151624D	15/16" X 24" Long X 7/16 QC; Dominator
Hoses (call for many additional options) red or orange	
LPHTHOSNCR666610	Hose - Insulated, 10 ft., 3/8 NPT, 3/8 NPT
LPHTHOSNCR66668	Hose - Insulated, 8 ft., 3/8 NPT, 3/8 NPT
LPHTHOSNCR66668OP	Hose - Insulated, 8 ft., SAE #6, 3/8 NPT
LPHTHOSNCR666610OP	Hose - Insulated, 10 ft., SAE #6, 3/8 NPT
Couplers (call for many additional options)	
LPHTDRIPBODY66	Dripless Body - 3/8 Body, 3/8 NPT
LPHTDRIPBODY88	Dripless Body - 1/2 Body, 1/2 NPT
LPHTDRIPNOSE66	Dripless Nose - 3/8 Body, 3/8 NPT
LPHTDRIPNOSE88	Dripless Nose - 1/2 Body, 1/2 NPT
LPC38S	3/8, 3/8 NPT Flush Face Coupler Set - Body & Nose
LPC12S	3/8, 1/2 NPT Flush Face Coupler Set - Body & Nose
LPHTHTMADUSTCAPF	HTMA Dust Cap - Body
LPHTHTMADUSTCAPM	HTMA Dust Cap - Nose
Sockets	
LPHTSOC121/118	Dual Socket - 1/2" Drive X 1" X 1-1/8"
LPHTSOC121316/1516	Dual Socket - 1/2 Drive X 13/16" & 15/16"
LPHTSOC121	Socket - 1/2" Drive X 1"
LPHTSOC121116	Socket - 1/2" Drive X 11/16"
LPHTSOC12112	Socket - 1/2" Drive X 1-1/2"
LPHTSOC12114	Socket - 1/2" Drive X 1-1/4"
LPHTSOC12118	Socket - 1/2" Drive X 1-1/8"
LPHTSOC121188PT	Socket - 1/2" Drive X 1-1/8", 8 Point
LPHTSOC1212	Socket - 1/2" Drive X 1/2"
LPHTSOC12128PT	Socket - 1/2" Drive X 1/2", 8 Point
LPHTSOC121316	Socket - 1/2" Drive X 13/16"
LPHTSOC1213168PT	Socket - 1/2" Drive X 13/16", 8 Point
LPHTSOC12138	Socket - 1/2" Drive X 1-3/8"
LPHTSOC1215168PT	Socket - 1/2" Drive X 15/16", 8 Point
LPHTSOC121716	Socket - 1/2" Drive X 1-1/16"
LPHTSOC1217168PT	Socket - 1/2" Drive X 1-1/16", 8 Point
LPHTSOC1218PT	Socket - 1/2" Drive X 1", 8 Point
LPHTSOC1234	Socket - 1/2" Drive X 3/4"
LPHTSOC12348PT	Socket - 1/2" Drive X 3/4", 8 Point
LPHTSOC1258	Socket - 1/2" Drive X 5/8"
LPHTSOC12588PT	Socket - 1/2" Drive X 5/8", 8 Point
LPHTSOC1278	Socket - 1/2" Drive X 7/8"
LPHTSOC12788PT	Socket - 1/2" Drive X 7/8", 8 Point
LPHTSOC12916	Socket - 1/2" Drive X 9/16"
HIW12SOCSET	Socket Set - 1/2" Drive DP IMP 6 Point

This is a generic sample of the more than 200 accessory items available. If you do not see what you are looking for, call us at BURNDY and we will get it for you: **1-800-346-4175**.



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BKOM50125

KNOCKOUT SET

For 1/2"– 1-1/4" Conduit Size

The BURNDY® Knockout Set is designed to punch holes for 1/2" – 1-1/4" conduit in distribution boxes, electrical panels and troughs.

The Knockout Set is provided with a 1-year limited warranty.



BKOM50125 SPECIFICATIONS

<u>Description</u>	<u>Weight</u>
1/2" - 1-1/4" Knockout Set	3 lbs

ACCESSORIES

Components for the kit listed above can be purchased separately.

Features and Benefits

- Four-point design allows slug to drop automatically without splitting
- Punches up to 10-gauge mild steel
- Set includes the four most popular sizes of punches and dies packed in a sturdy storage case
- 1-year limited warranty

SET INCLUDES

Catalog Number	Description	Hole	Weight
BKP500B	1/2" Punch	7/8"	0.4 lb.
BKD500B	1/2" Die	7/8"	1 lb.
BKP750B	3/4" Punch	1 - 3/32"	0.4 lb.
BKD750B	3/4" Die	1 - 3/32"	1 lb.
BKP1000B	1" Punch	1 - 11/32"	1 lb.
BKD1000B	1" Die	1 - 11/32"	1 lb.
BKP1250B	1 - 1/4" Punch	1 - 11/16"	2 lb.
BKD1250B	1 - 1/4" Die	1 - 11/16"	2 lb.
BKSB50B	1/2" Bearing & Drive Screw	-	1 lb.
BKS752B	3/4" - 2" Bearing & Drive Screw	-	1 lb.
BK88004	Storage Case	-	1.5 lb.

BKOM152

KNOCKOUT SET

For 1-1/2" – 2" Conduit Size

The BURNDY® Knockout Set is designed to punch holes for 1-1/2" – 2" conduit in distribution boxes, electrical panels and troughs.

The Knockout Set is provided with a 1-year limited warranty.



BKOM152 SPECIFICATIONS

<u>Description</u>	<u>Weight</u>
1-1/2" - 2" Knockout Set	4 lbs

ACCESSORIES

Components for the kit listed above can be purchased separately.

Features and Benefits

- Four-point design allows slug to drop automatically without splitting
- Punches up to 10-gauge mild steel
- Durable storage case
- 1-year limited warranty

SET INCLUDES

Catalog Number	Description	Hole	Weight
BKP1500B	1 - 1/2" Punch	1 - 15/16"	2 lb.
BKD1500B	1 - 1/2" Die	1 - 15/16"	2 lb.
BKP2000B	2" Punch	2 - 3/8"	2 lb.
BKD2000B	2" Die	2 - 3/8"	2 lb.
BKS752B	3/4" - 2" Bearing & Drive Screw	—	1 lb.
BK88001	Storage Case	—	1.5 lb.

BKOH2540

ASSORTED KNOCKOUT KIT

For 2-1/2" – 4" Conduit Size

The BURNDY® Assorted Knockout Kit is designed to punch holes for 2-1/2" – 4" conduit in distribution boxes, electrical panels and troughs.

The Knockout Kit is provided with a 1-year limited warranty.



BKOH2540 SPECIFICATIONS

<u>Description</u>	<u>Weight</u>
2-1/2" - 4" Knockout Set	22 lbs

ACCESSORIES

Components for the kit listed above can be purchased separately.

Features and Benefits

- Expand capability of 1/2" – 2" sets
- Four-point design allows slug to drop automatically without splitting
- Punches up to 10-gauge mild steel
- Packed in metal storage case
- 1-year limited warranty

SET INCLUDES

Catalog Number	Description	Hole	Weight
BKP2500	2 - 1/2" Punch	2 - 7/8"	3 lb.
BKD2500	2 - 1/2" Die	2 - 7/8"	3 lb.
BKP3000	3" Punch	3 - 1/2"	4 lb.
BKD3000	3" Die	3 - 1/2"	4 lb.
BKP3500	3 - 1/2" Punch	4"	4 lb.
BKD3500	3 - 1/2" Die	4"	4 lb.
BKP4000	4" Punch	4 - 1/2"	4 lb.
BKD4000	4" Die	4 - 1/2"	4 lb.
BK88008	Metal Storage Case	-	5 lb.

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BKOW520

KNOCKOUT SET WITH RATCHET WRENCH

For 1/2" – 2" Conduit

The BURNDY® Knockout Set with Ratchet Wrench is designed to punch holes for 1/2" – 2" conduit in distribution boxes, electrical panels and troughs.

The Knockout Set with Ratchet Wrench is provided with a 1-year limited warranty.



BKOW520 SPECIFICATIONS

<u>Description</u>	<u>Weight</u>
1/2"- 2" Knockout Set with Ratchet wrench (BKW52)	12 lbs

ACCESSORIES

Components for the kit listed above can be purchased separately.

Features and Benefits

- Four-point design allows slug to drop automatically without splitting
- Punches up to 10-gauge mild steel
- Set includes ratchet wrench, six sizes of punches and dies, and two drive screws; all packaged in a rugged storage case
- 1-year limited warranty

SET INCLUDES

Catalog Number	Description	Hole	Weight
BKP500B	1/2" Punch	7/8"	0.4 lb.
BKD500B	1/2" Die	7/8"	1 lb.
BKP750B	3/4" Punch	1 - 3/32"	0.4 lb.
BKD750B	3/4" Die	1 - 3/32"	1 lb.
BKP1000B	1" Punch	1 - 11/32"	1 lb.
BKD1000B	1" Die	1 - 11/32"	1 lb.
BKP1250B	1 - 1/4" Punch	1 - 11/16"	2 lb.
BKD1250B	1 - 1/4" Die	1 - 11/16"	2 lb.
BKP1500B	1 - 1/2" Punch	1 - 15/16"	2 lb.
BKD1500B	1 - 1/2" Die	1 - 15/16"	2 lb.
BKP2000B	2" Punch	2 - 3/8"	2 lb.
BKD2000B	2" Die	2 - 3/8"	2 lb.
BKW52	Hand Ratchet Wrench	-	1 lb.
BKSB50B	1/2" Bearing & Drive Screw	-	1 lb.
BKS752B	3/4" - 2" Bearing & Drive Screw	-	1 lb.
BK88007	Storage Case	-	1.5 lb.

BKOR520

**QUICK HAND RATCHET
 KNOCKOUT SET**

For 1/2" - 2" Conduit

The BURNDY® Hand Ratchet Knockout Set is designed to punch holes for 1/2" – 2" conduit in distribution boxes, electrical panels and troughs.

The Hand Ratchet Knockout Set is provided with a 1-year limited warranty.



BKOR520 SPECIFICATIONS

Description	Weight
1/2" - 2" Quick Hand Ratchet Knockout Set	16 lbs

ACCESSORIES

Components for kit listed above can be purchased separately.

Features and Benefits

- Four-point design allows slug to drop automatically without splitting
- Smooth operating ratchet handles up to 10-gauge mild steel or 12-gauge stainless steel
- 1-year limited warranty

SET INCLUDES

Catalog Number	Description	Hole	Weight
BKP500B	1/2" Punch	7/8"	0.4 lb.
BKD500B	1/2" Die	7/8"	1 lb.
BKP750B	3/4" Punch	1-3/32"	0.4 lb.
BKD750B	3/4" Die	1-3/32"	1 lb.
BKP1000B	1" Punch	1-11/32"	1 lb.
BKD1000B	1" Die	1-11/32"	1 lb.
BKP1250B	1-1/4" Punch	1-11/16"	2 lb.
BKD1250B	1-1/4" Die	1-11/16"	2 lb.
BKP1500B	1-1/2" Punch	1-15/16"	2 lb.
BKD1500B	1-1/2" Die	1-15/16"	2 lb.
BKP2000B	2" Punch	2-3/8"	2 lb.
BKD2000B	2" Die	2-3/8"	2 lb.
BKOR14	Ratchet	—	12 lb.
BKOR50	1/2" Screw Adapter	—	0.4 lb.
BKOR75125	3/4"- 1-1/4" Screw Adapter	—	1 lb.
BKOR152	1-1/2" - 2" Screw Adapter	—	1 lb.
BK88020	Metal Storage Case	—	4 lb.

N-114

BKOS5290

**SELF-CONTAINED HYDRAULIC
360° KNOCKOUT SET**

For 1/2" – 2" Conduit

The BURNDY® Self-Contained 360° Knockout Set is designed to punch holes for 1/2" – 2" conduit in distribution boxes, electrical panels and troughs.

The self-contained 360° Knockout Set is provided with a 1-year limited warranty.



Features and Benefits

- Right-angle head swivels 360° for flexible punching in tight work spaces
- Punches up to 2" conduit sizes, up to 10-gauge mild steel or 12-gauge stainless steel
- No cumbersome "spacers" required
- Compact, lightweight size: 7-1/2 pounds and 13" in length
- Operating pressure rated at 10,000 psi
- Set includes the most popular drawstuds, punches, and dies for punching holes for 1/2" to 2" conduit; all packed in a sturdy storage case
- 1-year limited warranty

SET INCLUDES

Catalog Number	Description	Hole	Weight
BKP500B	1/2" Punch	7/8"	0.4 lb.
BKD500B	1/2" Die	7/8"	1 lb.
BKP750B	3/4" Punch	1-3/32"	0.4 lb.
BKD750B	3/4" Die	1-3/32"	1 lb.
BKP1000B	1" Punch	1-11/32"	1 lb.
BKD1000B	1" Die	1-11/32"	1 lb.
BKP1250B	1-1/4" Punch	1-11/16"	2 lb.
BKD1250B	1-1/4" Die	1-11/16"	2 lb.
BKP1500B	1-1/2" Punch	1-15/16"	2 lb.
BKD1500B	1-1/2" Die	1-15/16"	2 lb.
BKP2000B	2" Punch	2-3/8"	2 lb.
BKD2000B	2" Die	2-3/8"	2 lb.
BKLP6	Hydraulic Driver	—	10 lb.
BKPR7520	Drawstud	—	1 lb.
BKPS50	Drawstud	—	0.2 lb.
BKSA50	Drawstud Adapter	—	0.3 lb.

BKOS5290 SPECIFICATIONS

Description	Weight
1/2" - 2" Self-Contained Hydraulic Knockout Set - head swivels 360°	7-1/2 lbs

ACCESSORIES

Components for kit listed above can be purchased separately.

BKLP6K1 Seal Repair Kit

BKOS520

**SELF-CONTAINED
 HYDRAULIC KNOCKOUT SET**

For 1/2" – 2" Conduit

The BURNDY® Self-Contained Hydraulic Knockout Set is designed to punch holes for 1/2" – 2" conduit in distribution boxes, electrical panels and troughs.

The Self-Contained Hydraulic Knockout Set is provided with a 1-year limited warranty.

Optional 2-1/2" and 3" punch and die available.



BKOS520 SPECIFICATIONS

<u>Description</u>	<u>Weight</u>
1/2" - 2" Self-Contained Hydraulic Set	14 lbs

Features and Benefits

- Hydraulic driver punches up to 10-gauge mild steel or 12-gauge stainless steel
- Four-point design allows slug to drop automatically without splitting
- Lightweight and easy to use
- Hydraulic driver operates in any position
- 1-year limited warranty

SET INCLUDES

Catalog Number	Description	Hole	Weight
BKP500B	1/2" Punch	7/8"	0.4 lb.
BKD500B	1/2" Die	7/8"	1 lb.
BKP750B	3/4" Punch	1-3/32"	0.4 lb.
BKD750B	3/4" Die	1-3/32"	1 lb.
BKP1000B	1" Punch	1-11/32"	1 lb.
BKD1000B	1" Die	1-11/32"	1 lb.
BKP1250B	1-1/4" Punch	1-11/16"	2 lb.
BKD1250B	1-1/4" Die	1-11/16"	2 lb.
BKP1500B	1-1/2" Punch	1-15/16"	2 lb.
BKD1500B	1-1/2" Die	1-15/16"	2 lb.
BKP2000B	2" Punch	2-3/8"	2 lb.
BKD2000B	2" Die	2-3/8"	2 lb.
BKLP2	Hydraulic Driver	—	10 lb.
BKPR7520	Drawstud	—	1 lb.
BKPS50	Drawstud	—	0.2 lb.
BKSA50	Drawstud Adapter	—	0.3 lb.
BK88020	Metal Storage Case	—	4.1lb.

ACCESSORIES

Components for the kit listed above can be purchased separately. Additional accessories, not included in kit, are listed below.

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Catalog Number	Description	Hole	Weight
BKP2500	2-1/2" Punch	2-7/8"	3 lb.
BKD2500	2-1/2" Die	2-7/8"	3 lb.
BKP3000	3" Punch	3-1/2"	4 lb.
BKD3000	3" Die	3-1/2"	4 lb.
BKLP2K1	Seal Repair Kit	—	—

BKOH520A

HYDRAULIC KNOCKOUT SET

For 1/2" - 2" Conduit

The BURNDY® Hydraulic Knockout Set is designed to punch holes for 1/2" – 2" conduit in distribution boxes, electrical panels and troughs. Provided with hand pump.

The Hydraulic Knockout Set is provided with a 1-year limited warranty.



BKOH520A SPECIFICATIONS

Description	Weight
1/2" - 2" Hydraulic Knockout Set with BPH2 Hand Pump	31 lbs

Features and Benefits

- Four-point design allows slug to drop automatically without splitting
- Punches up to 10-gauge mild steel or 12-gauge stainless steel
- Hand-powered hydraulic pump
- Assortment of punches, dies and accessories
- Includes metal storage case (11-1/8" x 18-3/4" x 6-1/4")
- Competitor's punches and dies are interchangeable
- 1-year limited warranty

BKOH520A SET INCLUDES

Catalog Number	Description	Hole	Weight
BKP500B	1/2" Punch	7/8"	0.4 lb.
BKD500B	1/2" Die	7/8"	1 lb.
BKP750B	3/4" Punch	1-3/32"	0.4 lb.
BKD750B	3/4" Die	1-3/32"	1 lb.
BKP1000B	1" Punch	1-11/32"	1 lb.
BKD1000B	1" Die	1-11/32"	1 lb.
BKP1250B	1-1/4" Punch	1-11/16"	2 lb.
BKD1250B	1-1/4" Die	1-11/16"	2 lb.
BKP1500B	1-1/2" Punch	1-15/16"	2 lb.
BKD1500B	1-1/2" Die	1-15/16"	2 lb.
BKP2000B	2" Punch	2-3/8"	2 lb.
BKD2000B	2" Die	2-3/8"	2 lb.
BPH20	Hand Pump — 2 speed	—	5 lb.
BKPR7540	Drawstud for 3/4" - 4" Punches & Dies	—	2.5 lb.
BKPS50*	Stainless Steel Drawstud, 3/8" dia.	—	0.2 lb.
BKC3540**	Converter	—	0.4 lb.
BCH1211	12-ton Hydraulic Cylinder	—	0.6 lb.
BH864	6' Rubber Hose Coupler		2 lb.
BCM5	Metal Case	—	11 lb.

* Must be used with 1/2" punch and die.
**Must be used with 3-1/2"– 4" punch and die.

ACCESSORIES

Components for kit listed above can be purchased separately.

BKOH540A

HYDRAULIC KNOCKOUT SET

For 1/2" – 4" Conduit

The BURNDY® Hydraulic Knockout Set is designed to punch holes for 1/2" – 4" conduit in distribution boxes, electrical panels and troughs. Provided with hand pump.

The Hydraulic Knockout Set is provided with a 1-year limited warranty.



BKOH540A SPECIFICATIONS

Description	Weight
1/2" - 4" Hydraulic Knockout Set with BPH20 Hand Pump	50 lbs

Features and Benefits

- Four-point design allows slug to drop automatically without splitting
- Punches up to 10-gauge mild steel or 12-gauge stainless steel
- Hand-powered hydraulic pump
- Assortment of punches, dies and accessories
- Includes metal storage case (11-1/8" x 18-3/4" x 6-1/4")
- Competitor's punches and dies are interchangeable
- 1-year limited warranty

SET INCLUDES

Catalog Number	Description	Hole	Weight
BKP500B	1/2" Punch	7/8"	0.4 lb.
BKD500B	1/2" Die	7/8"	1 lb.
BKP750B	3/4" Punch	1 - 3/32"	0.4 lb.
BKD750B	3/4" Die	1 - 3/32"	1 lb.
BKP1000B	1" Punch	1 - 11/32"	1 lb.
BKD1000B	1" Die	1 - 11/32"	1 lb.
BKP1250B	1 - 1/4" Punch	1 - 11/16"	2 lb.
BKD1250B	1 - 1/4" Die	1 - 11/16"	2 lb.
BKP1500B	1 - 1/2" Punch	1 - 15/16"	2 lb.
BKD1500B	1 - 1/2" Die	1 - 15/16"	2 lb.
BKP2000B	2" Punch	2 - 3/8"	2 lb.
BKD2000B	2" Die	2 - 3/8"	2 lb.
BKP2500	2"- 1/2" Punch	2 - 7/8"	3 lb.
BKD2500	2"- 1/2" Die	2 - 7/8"	3 lb.
BKP3000	3" Punch	3 - 1/2"	4 lb.
BKD3000	3" Die	3 - 1/2"	4 lb.
BKP3500	3"- 1/2" Punch	4"	4 lb.
BKD3500	3"- 1/2" Die	4"	4 lb.
BKP4000	4" Punch	4 - 1/2"	4 lb.
BKD4000	4" Die	4 - 1/2"	4 lb.
BPH20	Hand Pump - 2 speed	-	5 lb.
BKPR7540	Drawstud for 3/4" - 4" Punches & Dies	-	2.5 lb.
BKPS50*	Stainless steel Drawstud, 3/4" dia.	-	0.2 lb.
BKC3540**	Converter	-	0.4 lb.
BCH1211	12 - ton Hydraulic Cylinder	-	0.6 lb.
BH864	6' Rubber Hose Coupler	-	2 lb.
BCM5	Metal Case	-	11 lb.

ACCESSORIES

Components for the kit listed above can be purchased separately.

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* Must be used with 1/2" punch and die.

** Must be used with 3-1/2" - 4" punch and die.

BKOF540

HYDRAULIC KNOCKOUT SET

For 1/2" – 4" Conduit

The BURNDY® Hydraulic Knockout Set is designed to punch holes for 1/2" – 4" conduit in distribution boxes, electrical panels and troughs. Provided with foot pump.

The Hydraulic Knockout Set is provided with a 1-year limited warranty.



BKOF540 SPECIFICATIONS

<u>Description</u>	<u>Weight</u>
1/2" - 4" Hydraulic Knockout Set with BPF65 Foot Pump	50 lbs

Features and Benefits

- Four-point design allows slug to drop automatically without splitting
- Punches up to 10-gauge mild steel or 12-gauge stainless steel
- Foot-powered hydraulic pump
- Assortment of punches, dies and accessories
- Includes metal storage case (11-1/8" x 18-3/4" x 6-1/4")
- Competitor's punches and dies are interchangeable
- 1-year limited warranty

SET INCLUDES

Catalog Number	Description	Hole	Weight
BKP500B	1/2" Punch	7/8"	0.4 lb.
BKD500B	1/2" Die	7/8"	1 lb.
BKP750B	3/4" Punch	1 - 3/32"	0.4 lb.
BKD750B	3/4" Die	1 - 3/32"	1 lb.
BKP1000B	1" Punch	1 - 11/32"	1 lb.
BKD1000B	1" Die	1 - 11/32"	1 lb.
BKP1250B	1 - 1/4" Punch	1 - 11/16"	2 lb.
BKD1250B	1 - 1/4" Die	1 - 11/16"	2 lb.
BKP1500B	1 - 1/2" Punch	1 - 15/16"	2 lb.
BKD1500B	1 - 1/2" Die	1 - 15/16"	2 lb.
BKP2000B	2" Punch	2 - 3/8"	2 lb.
BKD2000B	2" Die	2 - 3/8"	2 lb.
BKP2500	2"- 1/2" Punch	2 - 7/8"	3 lb.
BKD2500	2"- 1/2" Die	2 - 7/8"	3 lb.
BKP3000	3" Punch	3 - 1/2"	4 lb.
BKD3000	3" Die	3 - 1/2"	4 lb.
BKP3500	3"- 1/2" Punch	4"	4 lb.
BKD3500	3"- 1/2" Die	4"	4 lb.
BKP4000	4" Punch	4 - 1/2"	4 lb.
BKD4000	4" Die	4 - 1/2"	4 lb.
BPF65	Foot Pump - 2 speed	-	5 lb.
BKPR7540	Drawstud for 3/4" - 4" Punches & Dies	-	2.5 lb.
BKPS50*	Stainless steel Drawstud, 3/4" dia.	-	0.2 lb.
BKC3540**	Converter	-	0.4 lb.
BCH1211	12 - ton Hydraulic Cylinder	-	0.6 lb.
BH864	6' Rubber Hose Coupler	-	2 lb.
BCM5	Metal Case	-	11 lb.

* Must be used with 1/2" punch and die.

** Must be used with 3-1/2" - 4" punch and die.

ACCESSORIES

Components for the kit listed above can be purchased separately.



B12E, B34E12R, B1E34R

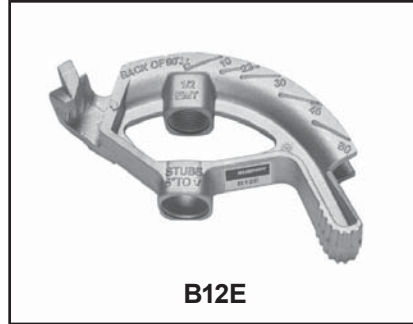
CONDUIT HAND BENDERS

The BURNDY® Aluminum Hand Bender is designed to bend EMT and Rigid conduit. The size range is 1/2"- 1" EMT.

The conduit hand bender is provided with a 5-year limited warranty.

Features and Benefits

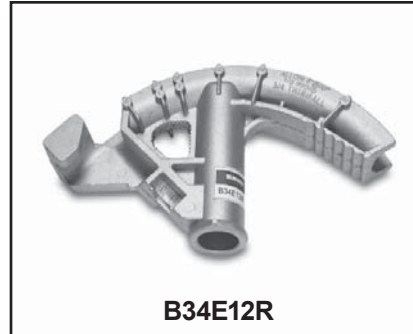
- All models include embossment with sight lines for 10°, 22°, 30°, 45°, 60° and 90°
- Industry standard markings — 30° bend when handle is straight up
- The non-slip foot pedal is contoured allowing more foot room
- 3/4" and 1" bender heads have levels which makes aligning easy
- Designed with a channel to bend conduit back if you have an over-bend
- 5-year limited warranty



B12E



B1E34R



B34E12R



Handles

Bender Part Number	Description	Weight
B12E	1/2" EMT (bender head only)	0.90 lbs
B34E12R	3/4" EMT - 1/2" RIGID (bender head only)	1.80 lbs
B1E34R	1" EMT - 3/4" RIGID (bender head only)	3.55 lbs
Bender Part Number	Description	Weight
H12E	Handle for 1/2" bender	3.65 lbs
H34E12R	Handle for 3/4" bender	3.65 lbs
H1E34R	Handle for 1" bender	5.45 lbs
Bender Part Number	Description	Weight
BHA12E	1/2" EMT bender with handle	4.55 lbs
BHA34E12R	3/4" EMT - 1/2" RIGID bender with handle	5.45 lbs
BHA1E34R	1" EMT - 3/4" RIGID bender with handle	9 lbs

BEB122

ELECTRIC CONDUIT BENDER

For 1/2" - 2" Conduit and Pipe

The BURNDY® BEB122 electric conduit bender is designed to bend 1/2" - 2" rigid conduit, IMC, EMT and 2" PVC coated conduit. The BEB122 bender assists the electrical contractor on larger jobs and will save time and labor.

The BEB122 electrical bender is provided with a 2-year limited warranty.

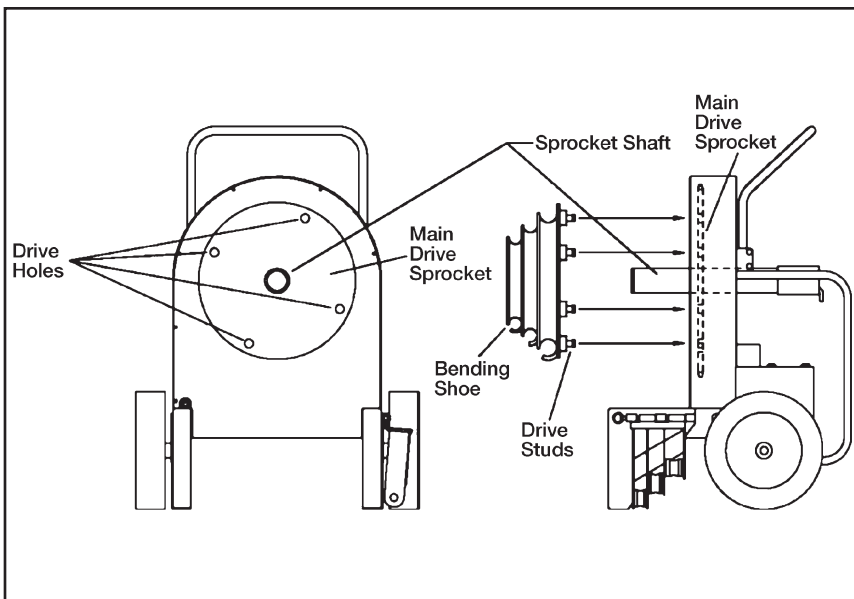
Features and Benefits

- The electric bender is available for Rigid, EMT, IMC or PVC. Bender can also be purchased without shoes
- Shoes and roller supports interchange with the Gardner Bender® GB2555, Greenlee® 555 and Current Tools® 77 series (Only exception is using the Greenlee® four groove rigid shoe #00571, you must use roller support #00936)
- Reliable electrical system that offers ease of repairs (does not contain any circuit boards)
- Proudly "Made in the USA"
- Maximum schedule 40 conduit
- Will produce 180 degree bends in a single cycle
- Limit stop control for bend angle settings
- Operates on 115-120VAC 60Hz
- Built in bend angle protractor bends 90 degrees quickly and efficiently
- 2-year limited warranty



ACCESSORIES

<u>Part Number</u>	<u>Description</u>	<u>Weight</u>
BEBSHOECASE	Metal storage box	36 lbs



Part Number	Description	Weight
BEB122	Electric Bender Power Unit only, without shoes and roller supports	270 lbs
BEB122RIG	Electric Bender with shoes and roller supports for 1/2" through 2" RIGID conduit schedule 40 pipe and 1/2" through 1-1/4" IMC conduit	365 lbs
BEB122EMT*	Electric Bender with shoes and roller supports for 1/2" through 2" EMT conduit	430 lbs
BEB122PVC*	Electric Bender with shoes and roller supports for 1/2" through 2" PVC coated RIGID conduit	365 lbs
122RIG	Shoes and roller supports only, for bending 1/2" thru 2" RIGID conduit, 1/2" through 1-1/4" IMC conduit and 1/2" through 2" Schedule 40 pipe	74 lbs
122EMT*	Shoes and roller supports only, for bending 1/2" through 2" EMT (thinwall)	160 lbs
122IMC*	Shoes and roller supports only, for bending 1-1/2" and 2" IMC	127 lbs
122PVC*	Shoes and roller supports only, for bending 1/2" through 2" 40 mil PVC coated RIGID	110 lbs

* Shoes and roller supports come with BEBSHOECASE metal box

N-121

BSC2H

The SmartCart®

2-Wheel Heavy Duty Cart

The SmartCart® is a versatile wire management system consisting of 2 wheeled carts, various modular wire racks for carrying spools of wire and wall storage units to organize and store racks with wire when not in use. The SmartCart® wire management system will assist the electrical contractor with wire installations, improves wire storage, and saves time and labor.

Heavy duty carts are rated for 600 lbs capacity. The SmartCart® is provided with a 1-year limited warranty.

Features and Benefits

- Order as standard configuration or customize to your needs with various size racks
- Two holders provided for up to 1" conduit benders
- Built-in tray to hold fish tapes and tools
- Handles are pre-dimpled for mounting material tool boxes (MTB and MTX)
- Cart base plate is pre-punched to accommodate mounting of the extension base plate with built-in wire guide
- Spools are easily changed by placing rack on its side, removing hitch pin and shaft, roll-out and roll-in desired new spool
- Motionless vise attached to the back of cart for cutting 1/2", 3/4" and 1" conduit

ACCESSORIES

- EBP** Extension Base Plate with built-in wire guide
- MTB** Material Tool Box
11" L X 6" W X 5" D
- MTX** Material Tool Box (MTB) with Dividers 6-Pockets:
3-5/8" L X 3" W X 3" D
- R17A** 17" wide rack for 7-1/2" diameter spools with 1/2" EMT spindles
- R22B** 22" wide rack for 7-1/2" diameter spools with 1/2" EMT spindles
- R17C*** 17" wide rack for 12" diameter spools with 1" EMT spindles
- R25D*** 25" wide rack for 12" diameter spools with 1" EMT spindles
- R24F*** 24" wide rack for 2-16" diameter reels with 1" EMT spindles
- BSCWS40** 40" Wall Wire Reel Storage System
- BSCWS80** 80" Wall Wire Reel Storage System

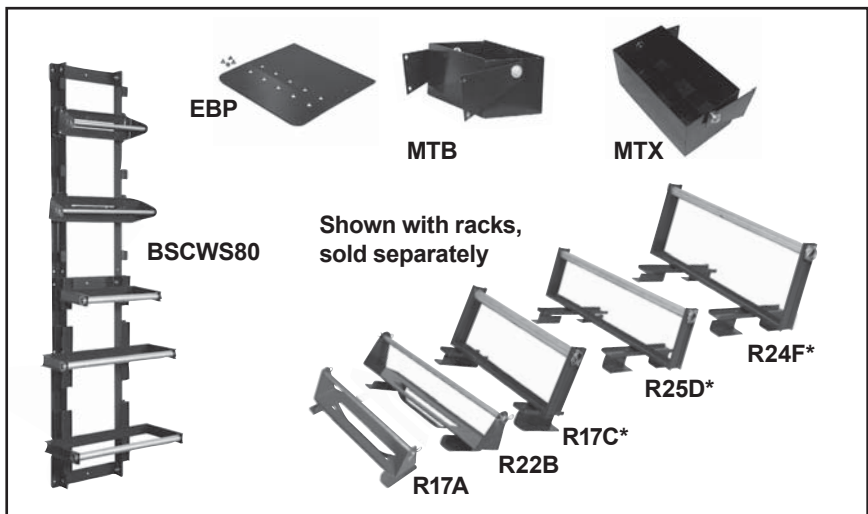


BSC2H



BSC2HA1B1FEBP

Catalog Number	Description	Weight
BSC2H	2-Wheel Heavy Duty without racks	37 lbs
BSC2H5A	2-Wheel Heavy Duty with (5) R17A racks	62 lbs
BSC2H3A2B	2-Wheel Heavy Duty with (3) R17A racks and (2) R22B racks	64 lbs
BSC2H5B	2-Wheel Heavy Duty with (5) R22B racks	67 lbs
BSC2H1C2DEBP	2-Wheel Heavy Duty with (1) R17C rack, (2) R25D racks and (1) EBP	86 lbs
BSC2H2C1DEBP	2-Wheel Heavy Duty with (2) R17C racks, (1) R25D rack and (1) EBP	82 lbs
BSC2H2A1B1FEBP	2-Wheel Heavy Duty with (2) R17A racks (1) R22B rack (1) R24F rack and (1) EBP	81 lbs



*Note: The R17C, R25D, and R24F racks are designed for oversized reels. The Extension Base Plate (EBP) is required when used on The SmartCart®.

BSC2L

The SmartCart®

2-Wheel Light Duty Cart

The SmartCart® is a versatile wire management system consisting of 2 wheeled carts, various modular wire racks for carrying spools of wire and wall storage units to organize and store racks with wire when not in use. The SmartCart® wire management system will assist the electrical contractor with wire installations, improves wire storage, and saves time and labor.

Light duty carts are rated for 300 lbs capacity.

The SmartCart® is provided with a 1-year limited warranty.

Features and Benefits

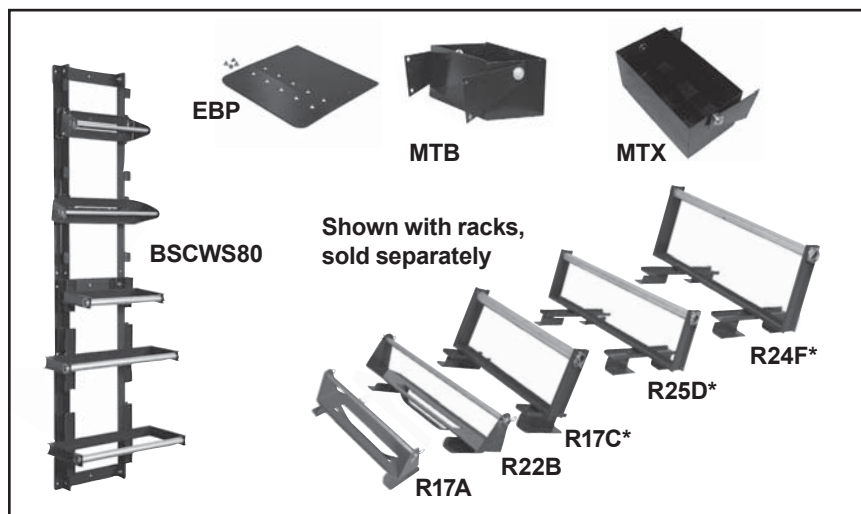
- Order as standard configuration or customize to your needs with various size racks
- Two holders provided for up to 1" conduit benders
- Built-in tray to hold fish tapes and tools
- Handles are pre-dimpled for mounting material tool boxes (MTB and MTX)
- Cart base plate is pre-punched to accommodate mounting of the extension base plate with built-in wire guide
- Spools are easily changed by placing rack on its side, removing hitch pin and shaft, roll-out and roll-in desired new spool
- Motionless vise attached to the back of cart for cutting 1/2", 3/4" and 1" conduit



Catalog Number	Description	Weight
BSC2L	2-Wheel Light Duty without racks	37 lbs
BSC2L5A	2-Wheel Light Duty with (5) R17A racks	62 lbs
BSC2L3A2B	2-Wheel Light Duty with (3) R17A racks and (2) R22B racks	64 lbs
BSC2L5B	2-Wheel Light Duty with (5) R22B racks	67 lbs
BSC2L1C2DEBP	2-Wheel Light Duty with (1) R17C rack, (2) R25D racks and (1) EBP	86 lbs
BSC2L2C1DEBP	2-Wheel Light Duty with (2) R17C racks, (1) R25D rack and (1) EBP	82 lbs

ACCESSORIES

- EBP** Extension Base Plate with built-in wire guide
- MTB** Material Tool Box
11" L X 6" W X 5" D
- MTX** Material Tool Box (MTB) with Dividers 6-Pockets:
3-5/8" L X 3" W X 3" D
- R17A** 17" wide rack for 7-1/2" diameter spools with 1/2" EMT spindles
- R22B** 22" wide rack for 7-1/2" diameter spools with 1/2" EMT spindles
- R17C*** 17" wide rack for 12" diameter spools with 1" EMT spindles
- R25D*** 25" wide rack for 12" diameter spools with 1" EMT spindles
- R24F*** 24" wide rack for 2-16" diameter reels with 1" EMT spindles
- BSCWS40** 40" Wall Wire Reel Storage System
- BSCWS80** 80" Wall Wire Reel Storage System



*Note: The R17C, R25D, and R24F racks are designed for oversized reels. The Extension Base Plate (EBP) is required when used on The SmartCart®.

**BSCWS40 AND
 BSCWS80**

The SmartCart®

Wall Wire Reel Storage System

The BSCWS40, 40" high and BSCWS80, 80" high Wall Wire Reel Storage Systems are designed to work in a van, panel truck or shop and handles all 2 wheel SmartCart® racks.

Provides a time saving advantage by storing wire on racks which can be easily moved to 2 wheel carts for transporting and wire pulling.

Sizes:

40" high, 17" wide, 2-3/4" deep

80" high, 17" wide, 2-3/4" deep

The SmartCart® is provided with a 1-year limited warranty.



**Modular Racks for
 2 Wheel Carts**

(sold separately)

- R17A** 17" wide rack for 7-1/2" diameter spools with 1/2" EMT spindles
- R22B** 22" wide rack for 7-1/2" diameter spools with 1/2" EMT spindles
- R17C*** 17" wide rack for 12" diameter spools with 1" EMT spindles
- R25D*** 25" wide rack for 12" diameter spools with 1" EMT spindles
- R24F*** 24" wide rack for 2-16" diameter reels with 1" EMT spindles

*Note: The R17C, R25D, and R24F racks are designed for oversized reels. The Extension Base Plate (EBP) is required when used on The SmartCart®.

