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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.

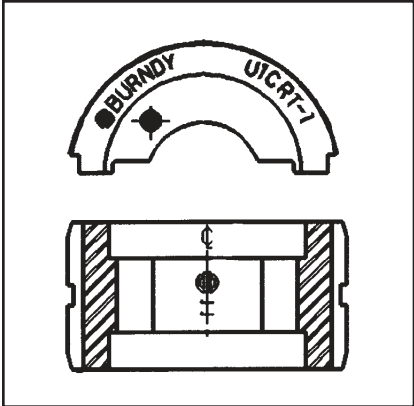
All tools must be shipped at the owner's expense, prepaid. BURNDY pays for the return freight, same surface freight as received. Airfreight returns will be returned same way collect for non-warranty repair and prepaid for warranty repairs.

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.

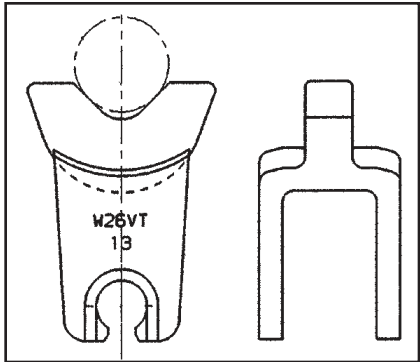
| Wire Size      | Copper  | Copper Wide Die** | Aluminum |
|----------------|---------|-------------------|----------|
| #8 AWG         | U8CRT   | U8CRTW            | U8CABT   |
| #6 AWG         | U5CRT   | U5CRTW            | U6CABT   |
| #4 AWG         | U4CRT   | U4CRTW            | U4CABT   |
| #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      |

\* 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      |
| Large     | 500 | *W34VT  | W34RT   | N/A      |
|           | 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

|                |         |
|----------------|---------|
| <b>Length:</b> | 8.3"    |
| <b>Width:</b>  | 4.3"    |
| <b>Height:</b> | 1.5"    |
| <b>Weight:</b> | 2.7 lbs |

#### Kit

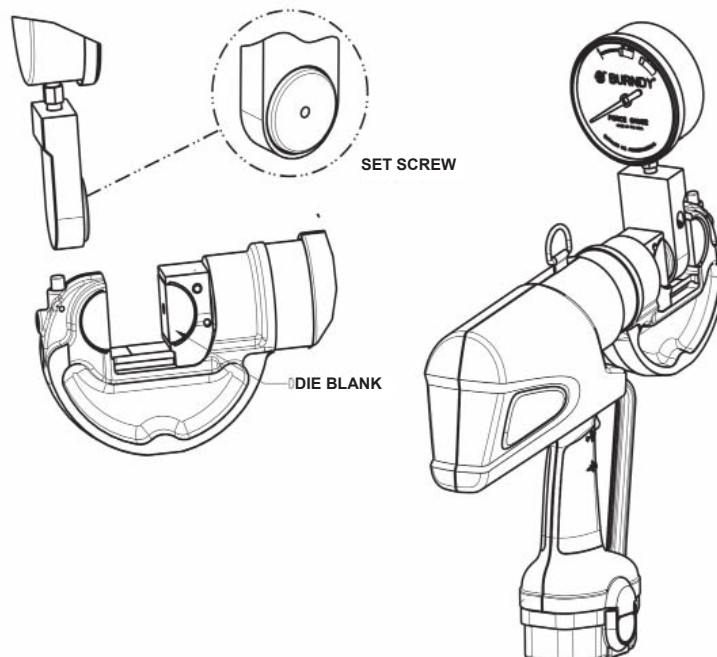
|                |         |
|----------------|---------|
| <b>Weight:</b> | 4.5 lbs |
|----------------|---------|

### 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.

N-8



**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**

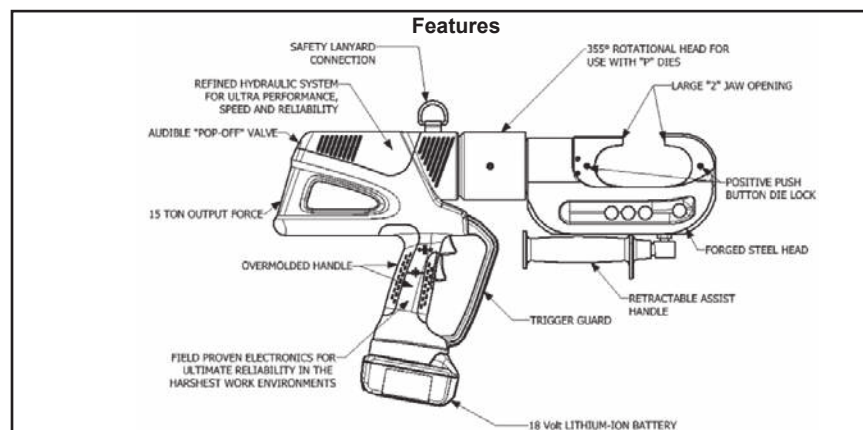
- The largest BURNDY® battery actuated crimp tool, providing 15-tons of output force with a 2" jaw opening
  - ◇ Allows users to install the largest variety of splices, taps and terminals with one tool. Also provides easy placement and removal from continuous conductor lengths
- Redesigned field proven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

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

**FOR USE ON**

| Connector Type                                                                                                                        | Conductor Range                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Copper<br>#8 AWG str.<br>1500 kcmil<br>Code Cable,<br>Navy Cable,<br>Flexible and<br>Extra<br>Flexible<br>1/2" - 1"<br>Ground<br>Rods | <b>Terminals, grounding:</b><br>to 500 kcmil<br>YGA, YGHA, YGF<br><b>Terminals, uninsulated:</b><br>#8 to 1500 kcmil:<br>YA, YA-2N, YA-L, YA-LB,<br>YA-TC, YA-2LN, YAB-4N,<br>YAV-L Box, YAV-L, YAV-RS<br>Box, YAV-RS, YA-TC-FX<br><b>Terminals, insulated:</b><br>#8 to 2/0<br>YAEV-L Box, YAEV-L,<br>YAEV-H, YAEV-RS,<br>YAEV-RH<br><b>Splices:</b><br>#8 to 1500 kcmil<br>YS, YS-T, YS-L, YS-LB, YST,<br>YSP-T, YGS, YGHS<br><b>Taps:</b><br>#14 to 1000 kcmil<br>YH, YCHC<br>to 4/0 AWG<br>YC-C<br><b>Taps, grounding:</b><br>to 500 kcmil<br>YGHC-C, YGHP-C, YGHR-C |
| Aluminum<br>#8 AWG -<br>1250 kcmil<br>Code Cables                                                                                     | <b>Terminals:</b><br>YA-A, AYP, AYP0<br><b>Splices:</b><br>YS-A, YS-AT, YRB<br><b>Taps:</b><br>YFD, YFN, YFO, YFR                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| ACSR                                                                                                                                  | See BURNDY® Overhead<br>Transmission & Distribution                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

**ACCESSORIES**

|                         |                                                        |
|-------------------------|--------------------------------------------------------|
| <b>Cutter Die:</b>      | Cat# P15K<br>Maximum Dia. 1.2"                         |
| <b>"U" Die Adapter:</b> | Cat# PUADP-1                                           |
| <b>Battery:</b>         | Cat# BAT18VLI<br>Hi-capacity Li-Ion<br>(3.0 AH)        |
| <b>Chargers:</b>        | 120V-AC Cat# PATCHGR-LI<br>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

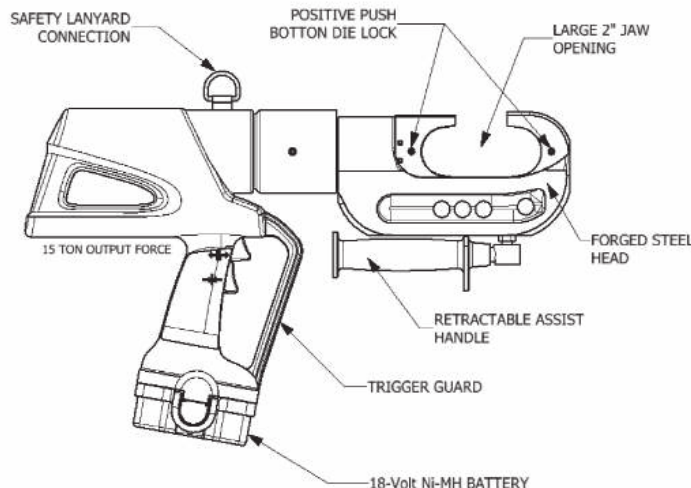
#### SPECIFICATIONS

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

**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.

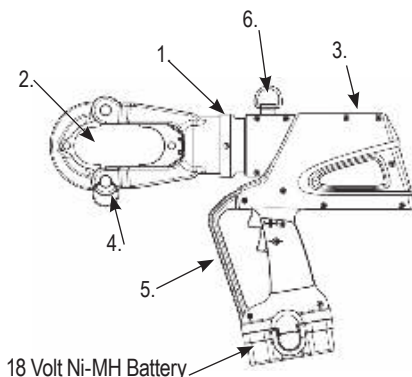


**Features and Benefits**

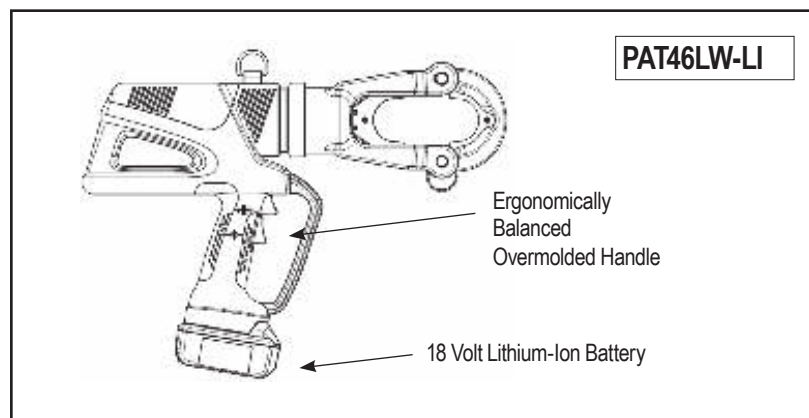
- New light weight design only 16.79 lbs (Lithium-Ion) and 17.3 lbs (Ni-MH)
- Available in both Li-ion, and Ni-MH 18-volt battery technology
- Provides 15-tons of output force with 2" jaw opening
- Redesigned field proven electronics
- Overmolded ergonomic handle on Li-ion version
- Rugged forged latching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

**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**



**SPECIFICATIONS**

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

**FOR USE ON**

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

**ACCESSORIES**

|                         |                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------|
| <b>Cutter Die:</b>      | Cat# P15K                                                                                 |
| <b>"U" Die Adapter:</b> | Cat# PUADP-1                                                                              |
| <b>Battery:</b>         | Cat# BAT18VLI<br>Hi-capacity (3.0 AH) Li-Ion<br>Cat# BAT18V<br>Hi-capacity (2.6 AH) Ni-MH |
| <b>Li-Ion Chargers:</b> | 120V-AC Cat# PATCHGRLI<br>12/24V-DC Cat# PATCHGR-LIDC                                     |
| <b>Ni-MH Chargers:</b>  | 120V-AC Cat# PATCHGR18V<br>12/24V-DC Cat# BCT/PATDCCHGR<br>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.



#### 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

#### SPECIFICATIONS

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

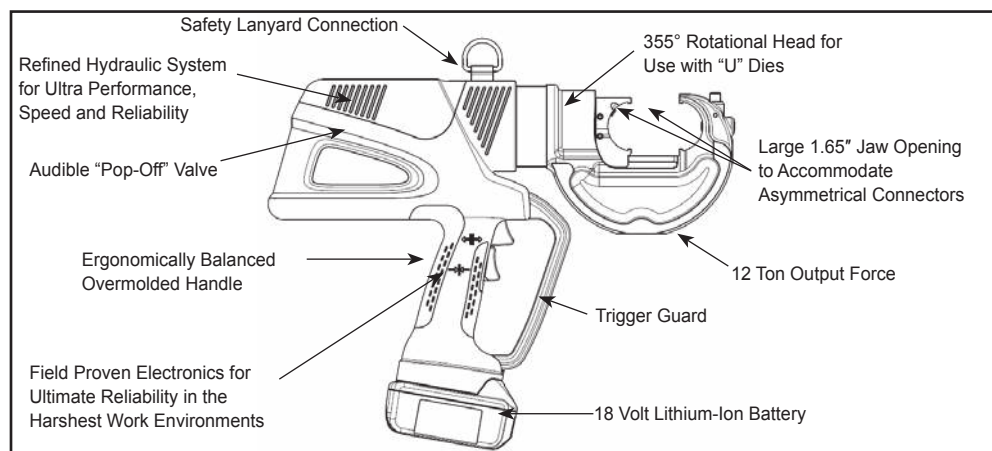
#### FOR USE ON

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

#### ACCESSORIES

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

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**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**

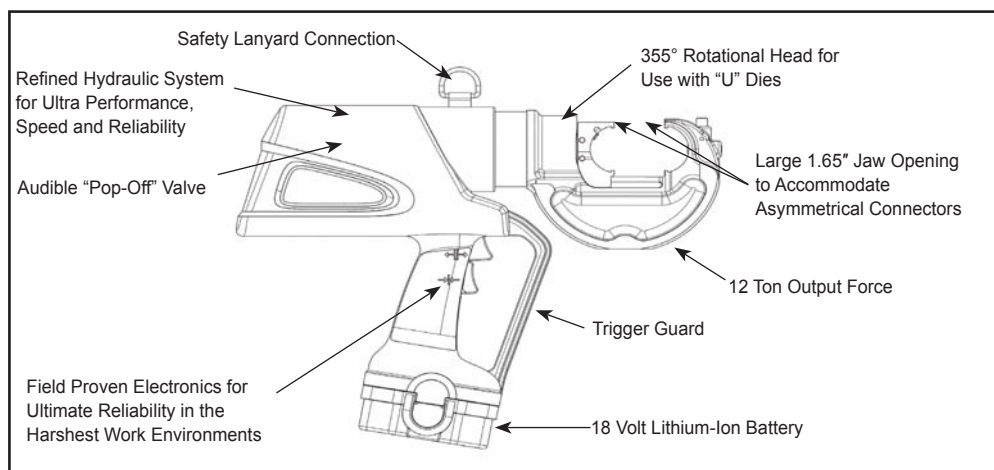
|                           |                                   |
|---------------------------|-----------------------------------|
| <b>Output Force:</b>      | 12 tons<br>(10.9 metric tons)     |
| <b>Tool Weight:</b>       | 16.5 lbs (7.5 kg)<br>With Battery |
| <b>Length:</b>            | 15.75 in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

**FOR USE ON**

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

**ACCESSORIES**

|                  |                                            |
|------------------|--------------------------------------------|
| <b>Battery:</b>  | Cat# <b>BAT18V</b><br>Hi-capacity (2.6 AH) |
| <b>Chargers:</b> |                                            |
| 120V-AC          | Cat# <b>PATCHGR18V</b>                     |
| 12/24V-DC        | Cat# <b>BCT/PATDCCGR</b>                   |
| 240/250V-AC      | Cat# <b>PATCHGR250V</b>                    |
| <b>Lanyard:</b>  | Cat# <b>PT208620</b>                       |



### **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 world-wide. 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**

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

#### **FOR USE ON**

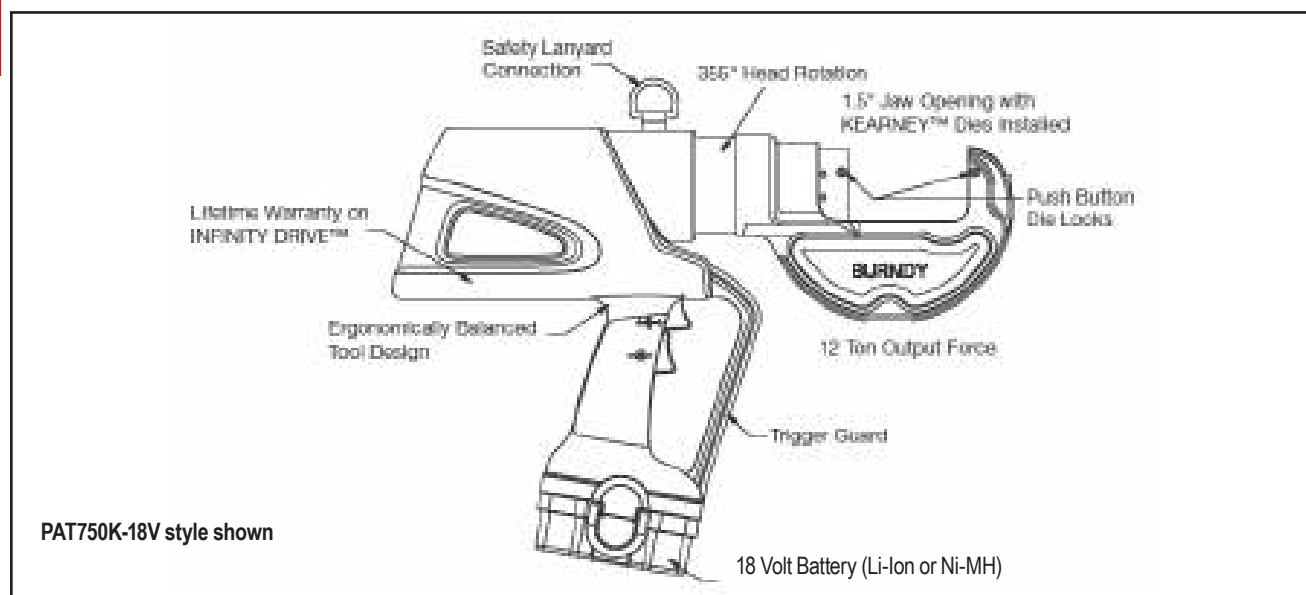
|                          |                      |
|--------------------------|----------------------|
| <b>Tension Sleeves :</b> | up to 477 ACSR kcmil |
| <b>Taps :</b>            | through 500 kcmil    |
| <b>Terminals :</b>       | up to 1033 kcmil     |

#### **ACCESSORIES**

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

**Lanyard:** PT208620

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**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

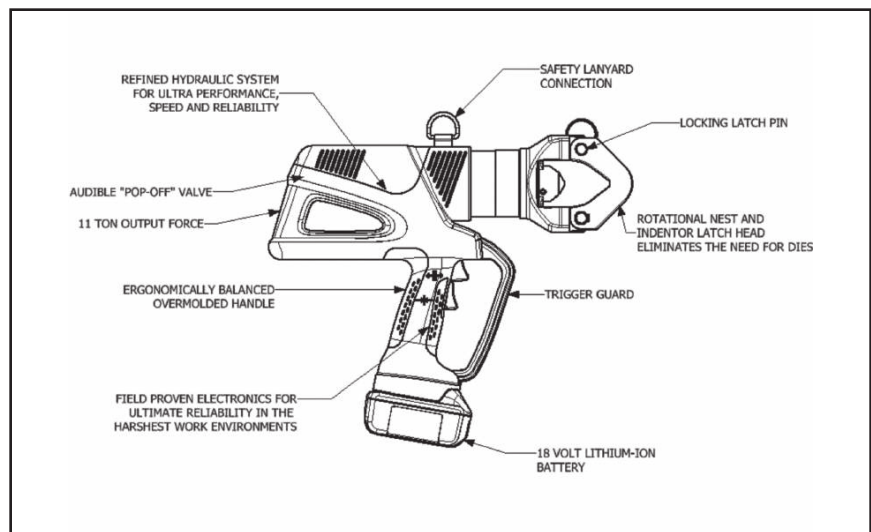
**Splices:**  
YS-A  
**HYPLUG™**  
AYP, AYPO

**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

|                           |                               |
|---------------------------|-------------------------------|
| <b>Crimp Force:</b>       | 11 tons<br>(10.9 metric tons) |
| <b>Tool Weight:</b>       | 17 lbs (7.7 kg)               |
| <b>Length:</b>            | 14.9" (37.8 cm)               |
| <b>Height:</b>            | 14" (35.6 cm)                 |
| <b>Width:</b>             | 3.7" (9.4 cm)                 |
| <b>Operating Voltage:</b> | 18 V-DC                       |
| <b>Recharge Time:</b>     | < 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

**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

**Aluminum**  
#6-750 kcmil

**Terminals:**  
YA-A, YA-A-TN

**Splices:**  
YS-A

**Aluminum**  
#6-750 kcmil

**HYPLUG™**  
AYP, AYP0

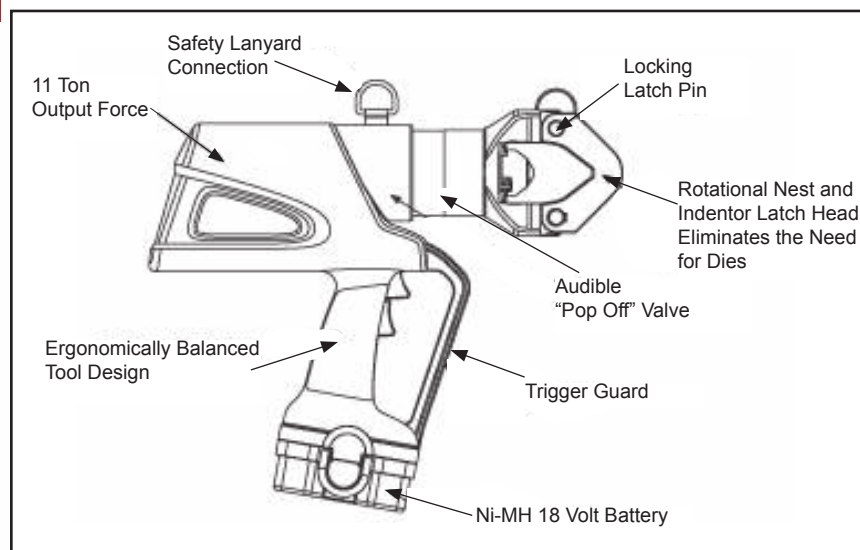
#### ACCESSORIES

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

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

**Lanyard:** Cat# PT208620

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## 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

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

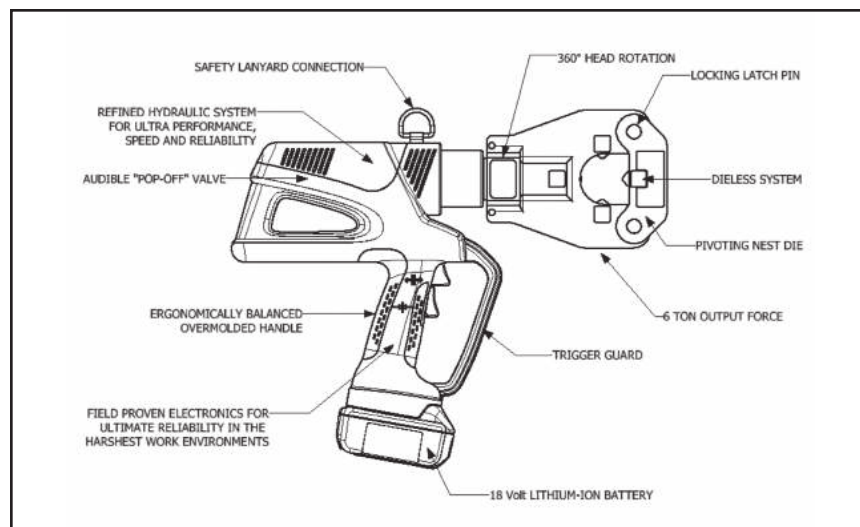
### ACCESSORIES

**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)

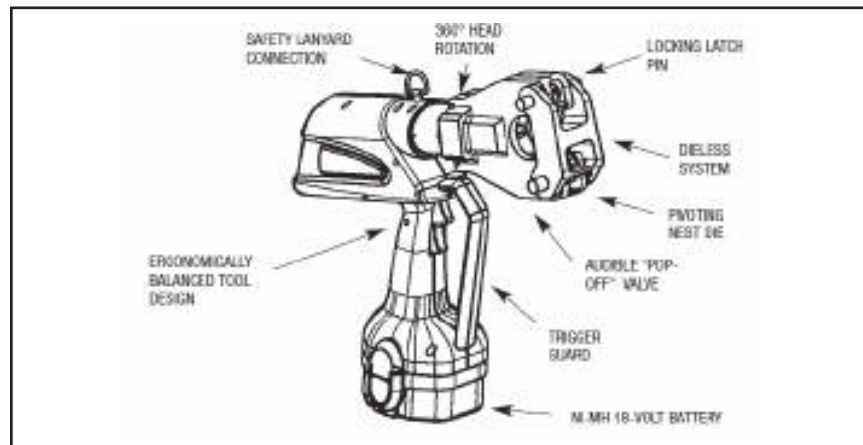
#8 - 750 kcmil Aluminum Pin Adapters (AYP, AYPO)

#### 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**



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## 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

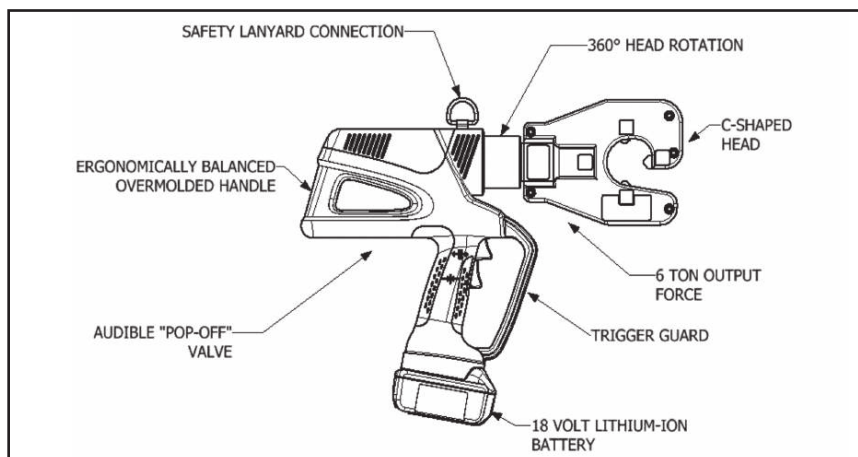
|                           |                                 |
|---------------------------|---------------------------------|
| <b>Output Force:</b>      | 6 ton<br>(5.4 metric tons)      |
| <b>Tool Weight:</b>       | 13 lbs (5.9 kg)<br>With Battery |
| <b>Length:</b>            | 15.6" (39.6 cm)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

### FOR USE ON

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

### ACCESSORIES

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

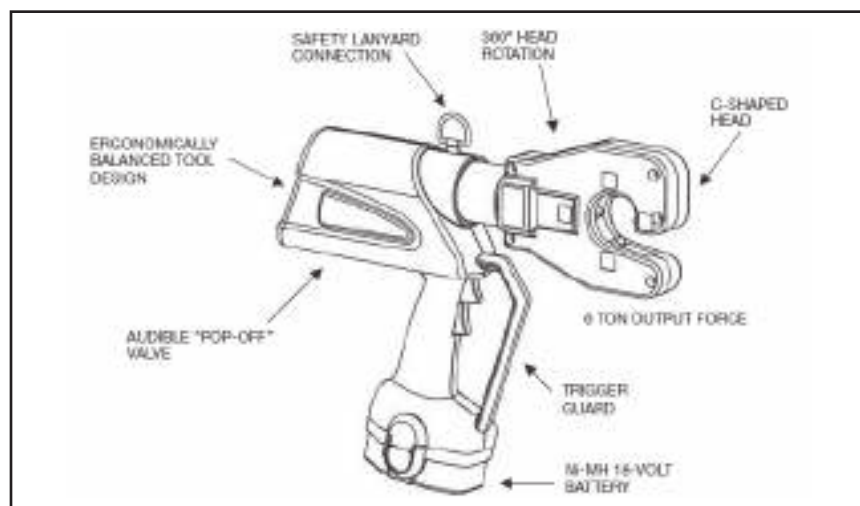
**Output Force:** 6 ton (5.4 metric tons)  
**Tool Weight:** 13.85 lbs (6.28 kg)  
With Battery  
**Length:** 17.6 in (448 mm)  
**Height:** 13.9 in (354 mm)  
**Width:** 3.7 in (94 mm)  
**Operating Voltage:** 18 V-DC  
**Recharge Time:** <45 minutes

#### 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

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

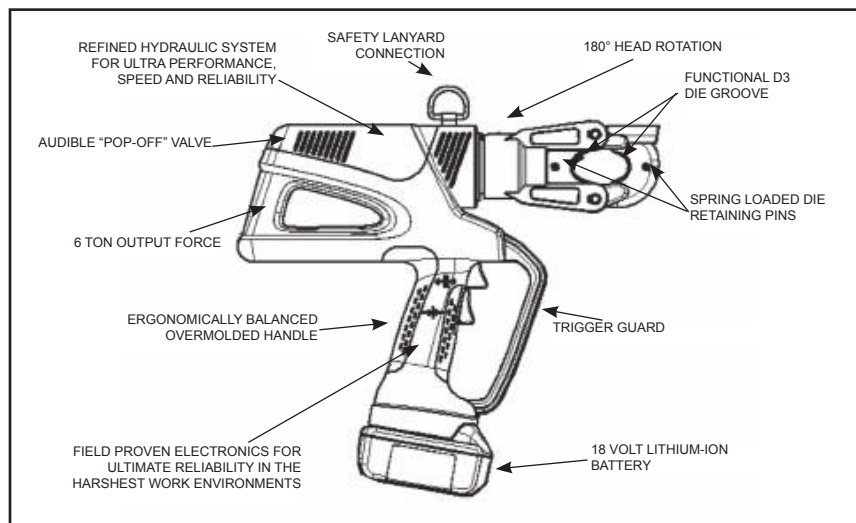
### ACCESSORIES

**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

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

#### FOR USE ON

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

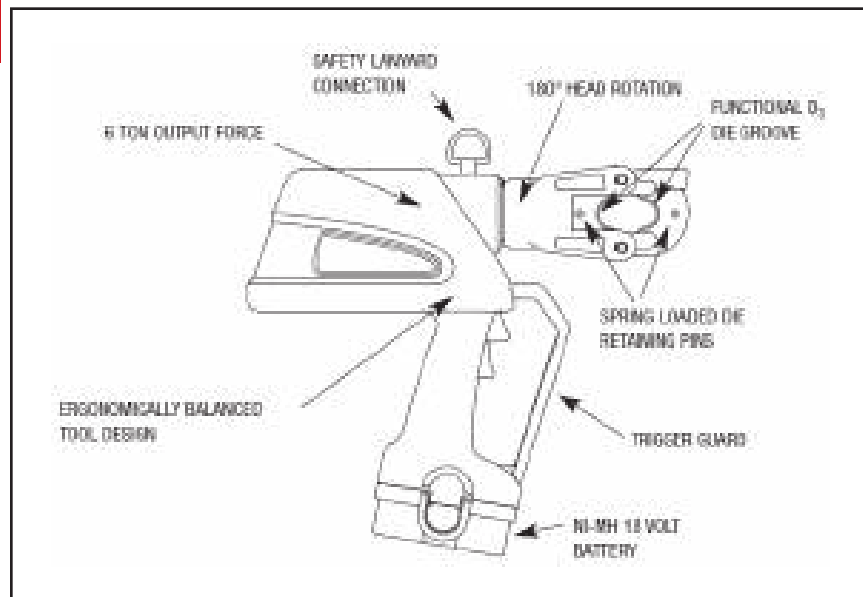
Installs Splices, Taps and Terminations:

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

#### ACCESSORIES

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

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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**

|                         |                             |
|-------------------------|-----------------------------|
| <b>PATMD6LICUTKIT1</b>  | BG & D3 Grooves, hard case  |
| <b>PATMD68LICUTKIT1</b> | O & D3 Grooves, hard case   |
| <b>PATMD66LICUTKIT1</b> | D3 Groove (snub), hard case |
| <b>PATMD6LIWCJ</b>      | BG & D3 Grooves, soft case  |
| <b>PATMD68LIWCJ</b>     | O & D3 Grooves, soft case   |
| <b>PATMD66LIWCJ</b>     | D3 Groove (snub), soft case |

**SPECIFICATIONS**

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

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

|                    |                                           |
|--------------------|-------------------------------------------|
| <b>Jaw Covers:</b> | <b>PATMD6JC, PATMD66JC,<br/>PATMD6KJC</b> |
|--------------------|-------------------------------------------|

**ACCESSORIES**

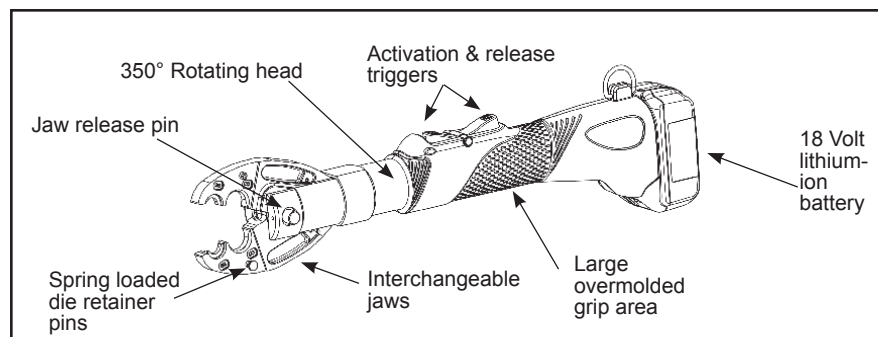
|                 |                                                 |
|-----------------|-------------------------------------------------|
| <b>Battery:</b> | Cat# <b>BAT18VLI</b><br>(3.0 AH) Hi-capacity LI |
|-----------------|-------------------------------------------------|

|                  |                          |
|------------------|--------------------------|
| <b>Chargers:</b> |                          |
| 120V-AC          | Cat# <b>PATCHGR-LI</b>   |
| 12/24V-DC        | Cat# <b>PATCHGR-LIDC</b> |

|                     |                                                                      |
|---------------------|----------------------------------------------------------------------|
| <b>Cutter Dies:</b> | Cat# <b>W28K</b><br>For cutting 4 - 4/0 Copper,<br>Aluminum and ACSR |
|---------------------|----------------------------------------------------------------------|

**PATRIOT® IN-LINE® VARIATIONS:**

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



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

**BATTERY ACTUATED TOOL**

Hydraulic Self Contained  
6-Ton Crimping Tool

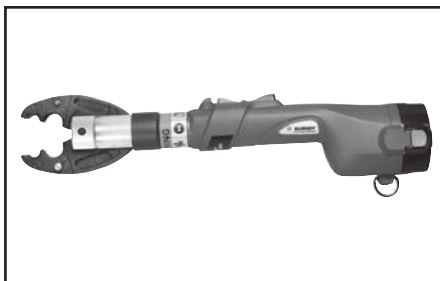
The BURNDY® PATRIOT® High Performance PATMD6-14V series of tools are approximately 80% faster than previous models. In addition to faster crimp cycles, the High Performance PATMD6-14V series tools have newly designed electronics that are field proven for ultimate reliability to handle the harshest work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

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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

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**PATRIOT® IN-LINE® VARIATIONS:**

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

**SPECIFICATIONS**

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

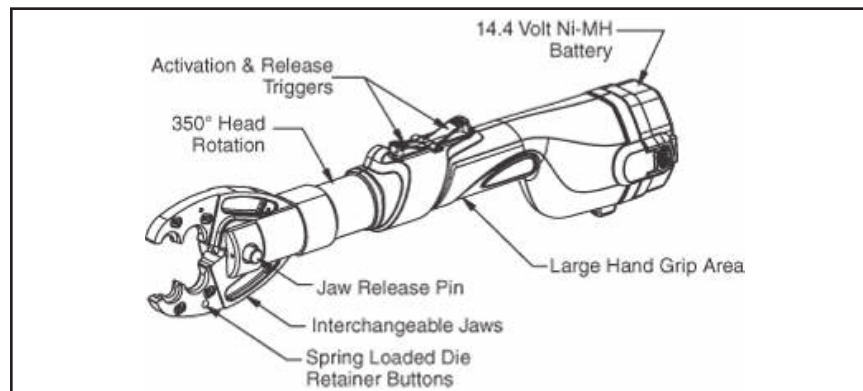
**Chargers:**  
120V-AC Cat# **PATCHGR18V**  
12/24V-DC Cat# **BCT/PATDCCHGR**  
240/250V-AC Cat# **PATCHGR250V**

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

**Interchangeable Jaw Assemblies:**

|                     |                            |
|---------------------|----------------------------|
| <b>PATJAWSMD6</b>   | BG and D3 Grooves          |
| <b>PATJAWSMD6-8</b> | O and D3 Grooves           |
| <b>PATJAWSMD6-6</b> | D3 Groove only (snub-nose) |
| <b>PATJAWSMD6K</b>  | KEARNEY™ Groove (snub)     |
| <b>PATJAWSCUT</b>   | 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.

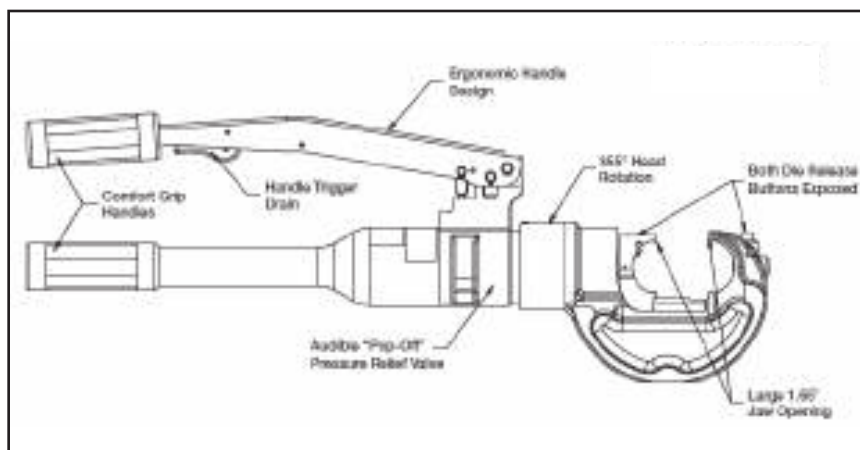
The Y750HSXT accepts all BURNDY® "U" dies for use on conductor ranges of #14 - 750 kcmil AL/CU and #4 - 556.5 kcmil ACSR conductors.

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 world-wide. 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**

|                         |                   |
|-------------------------|-------------------|
| <b>Force developed:</b> | 12 tons           |
| <b>Weight:</b>          | 14.5 lbs (6.6 kg) |
| <b>Length:</b>          | 23.96" (608 mm)   |
| <b>Height:</b>          | 2.86" (78 mm)     |
| <b>Width:</b>           | 8.71" (222 mm)    |
| <b>Jaw opening:</b>     | 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                       |
| • Terminals & Splices               |                                      |
| Aluminum                            | #8 - 750 kcmil                       |
| Copper                              | #8 - 750 kcmil                       |
| ACSR                                | #4 - 556 kcmil                       |
| • HYGROUND® (Compression Grounding) |                                      |
| Copper                              | #8 - 500 kcmil<br>(cable/ground rod) |
| Ground Rods                         | 1/2" - 1" Diameter                   |

**ACCESSORIES:**

| <u>Cat. No.</u>        | <u>Description</u>                                                  |
|------------------------|---------------------------------------------------------------------|
| <b>Y750HSCASE</b>      | Plastic Carrying Case for Y750HSXT or Y750CHSXT.                    |
| <b>FORCEGAUGE12-15</b> | Force test gauge for accurate visual reading of output force.       |
| <b>PT29291</b>         | Die Case Steel case for storage and protection of "U" dies.         |
| <b>WIREMIKE</b>        | 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)

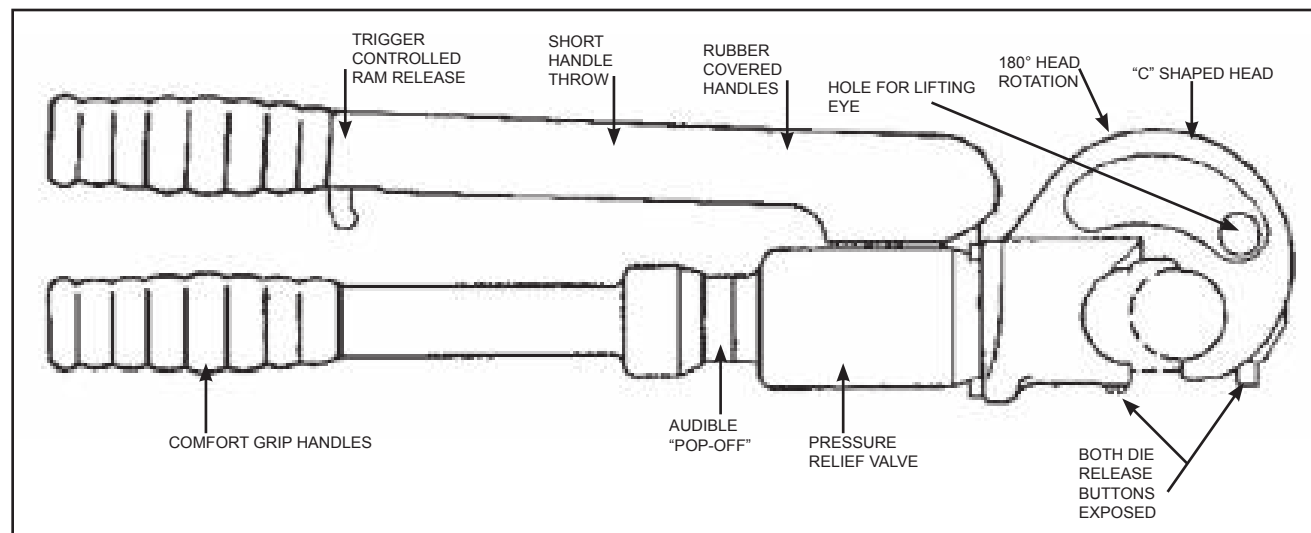
- Rapid ram advance reduces installation time by eliminating need to pump handles to advance ram to connector
- Saves installation time with trigger controlled return release which returns ram to its preset starting point
- Long continuous usage is aided with comfort grip handles
- Compression terminal 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>           |
|----------------------------|----------------|------------------------|
| <b>Force developed:</b>    | 12 tons        | 12 tons                |
| <b>Operating pressure:</b> | 10,000 PSI     | 10,000 PSI             |
| <b>Weight (less case):</b> | 13 lbs.        | 13-1/2 lbs             |
| <b>Overall length:</b>     | 23-1/4"        | 24"                    |
| <b>Head width:</b>         | 4-3/4"         | 6"                     |
| <b>Molded Covering:</b>    | Body & Handles | Head, Body and Handles |

#### FOR USE ON

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



**Y35 SERIES**  
**ACCESSORIES**

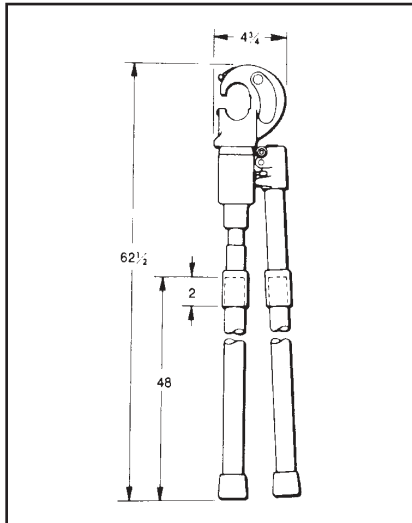


**PT 29279-2**  
**Force Test Gauge**

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

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

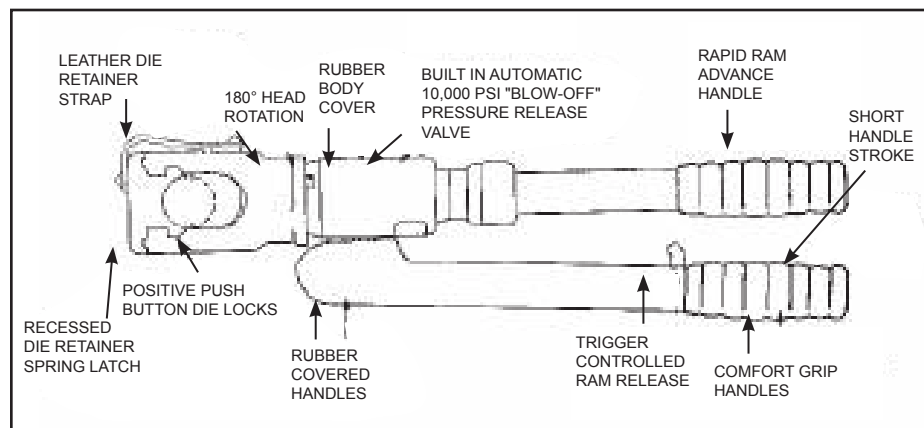
#### Features and Benefits

- 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

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### 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)  |

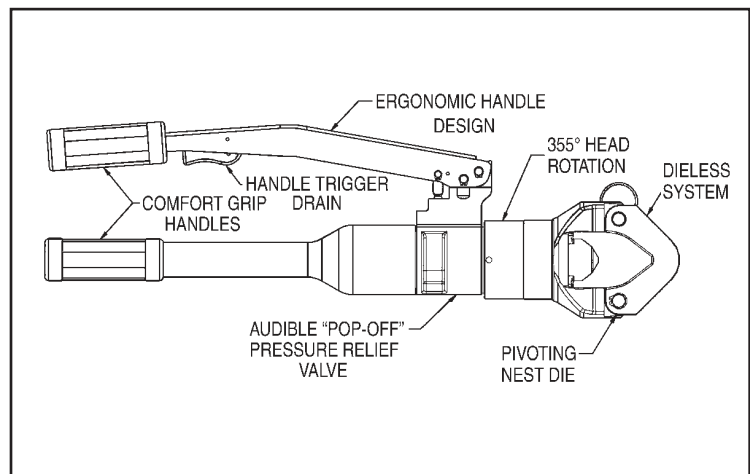
#### FOR USE ON

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

|                      |                                  |
|----------------------|----------------------------------|
| <b>Output Force:</b> | 6 tons (12,000 lbs)<br>(5450 kg) |
| <b>Weight:</b>       | 12 lbs (5.45 kg)                 |
| <b>Length:</b>       | 25.6" (650 mm)                   |
| <b>Height:</b>       | 7.7" (196 mm)                    |
| <b>Width:</b>        | 2.5" (64 mm)                     |

#### FOR USE ON

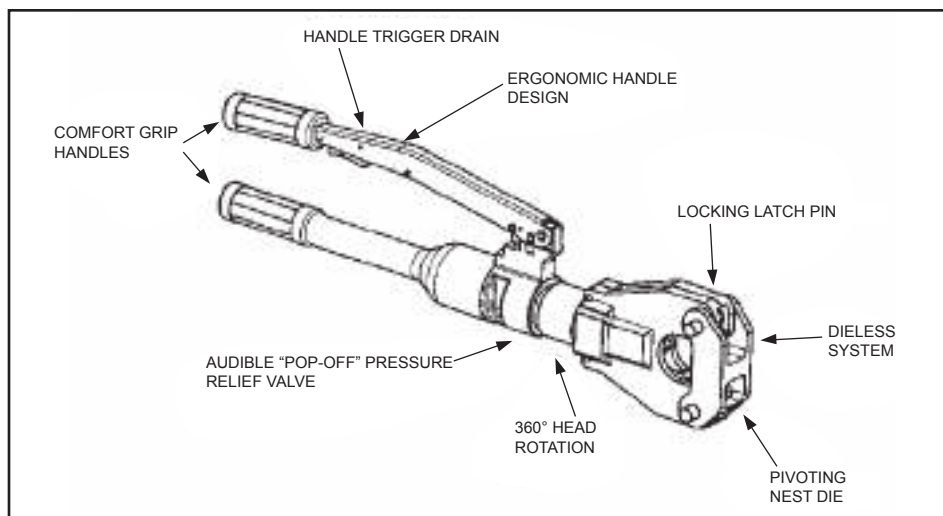
Copper, Aluminum, Compressed, Compact, Stranded, Solid and Flex Conductors.

#### 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

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**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**

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

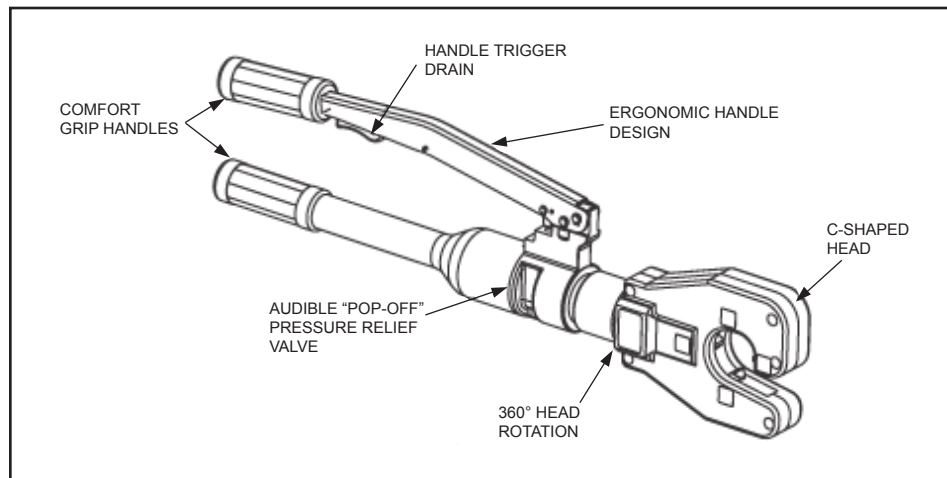
**FOR USE ON**

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

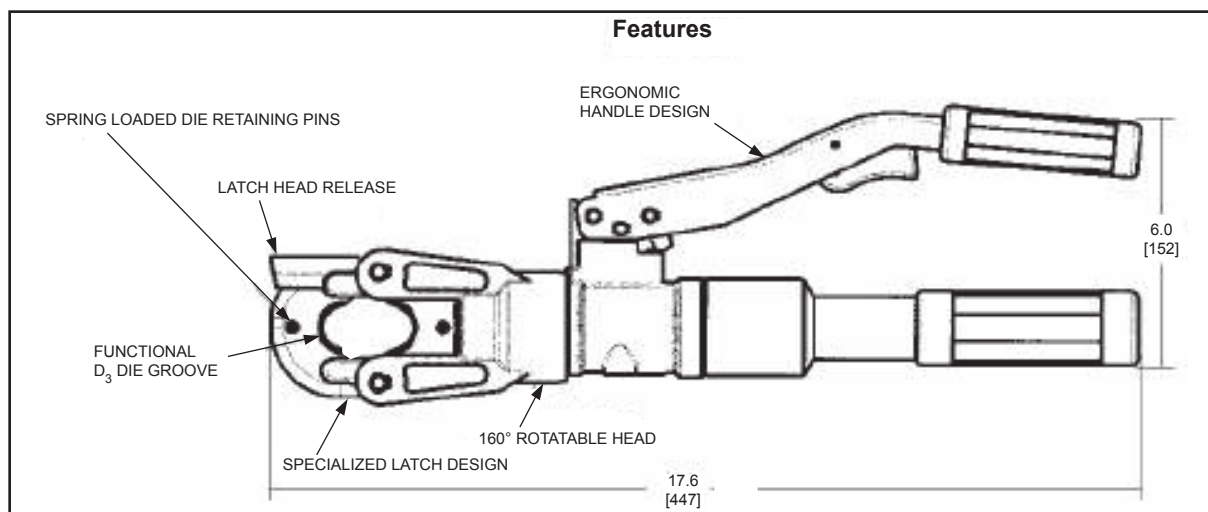
**WDC4500:** #4-500 Cu Str.  
 #2-4/0 Cu Flex

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.

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## 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).

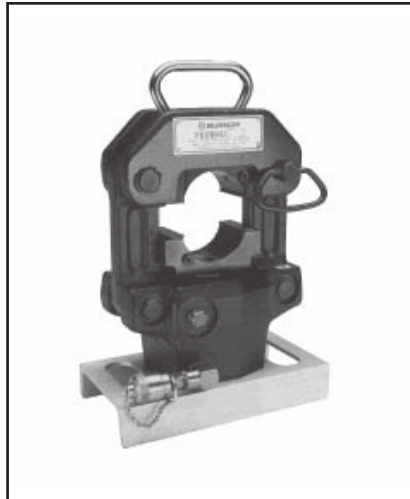


Wider “L” dies with Indicia marks example: L735W). Indicia marks on the die provide the installer with the start location for the next overlap crimp consistently on aluminum connector surfaces. Reduces the number of crimps and installation time.



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

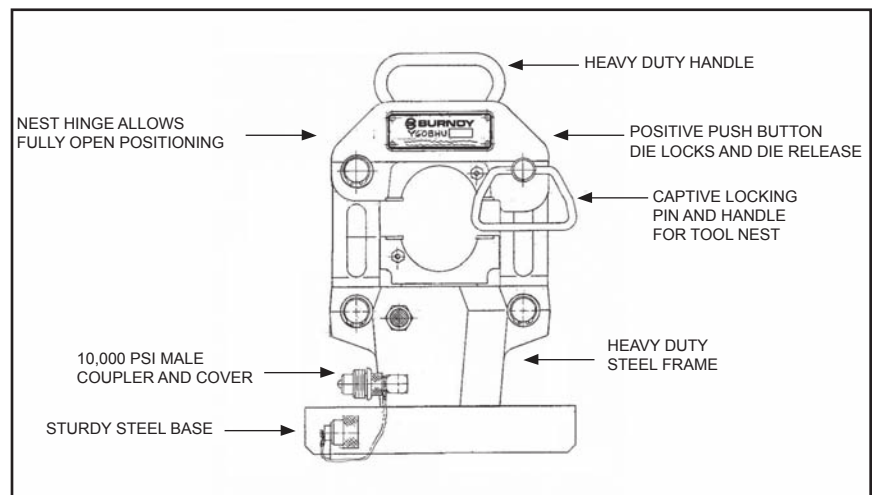
##### Aerial:

Copper: 4/0 str. - 2500 kcmil

Aluminum: 3/0 str. - 2500 kcmil

YTS, YTN, YNS, YNA, YNT, YNTA, YNU,

YDS, YDN, YCS, YCA, YCU



### 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

|                      |                          |
|----------------------|--------------------------|
| <b>Output Force:</b> | 60 Tons                  |
| <b>Tool Weight:</b>  | 43 lbs                   |
| <b>Height:</b>       | 12.93 in (without stand) |
| <b>Width:</b>        | 8.06 in (without stand)  |
| <b>Warranty:</b>     | 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

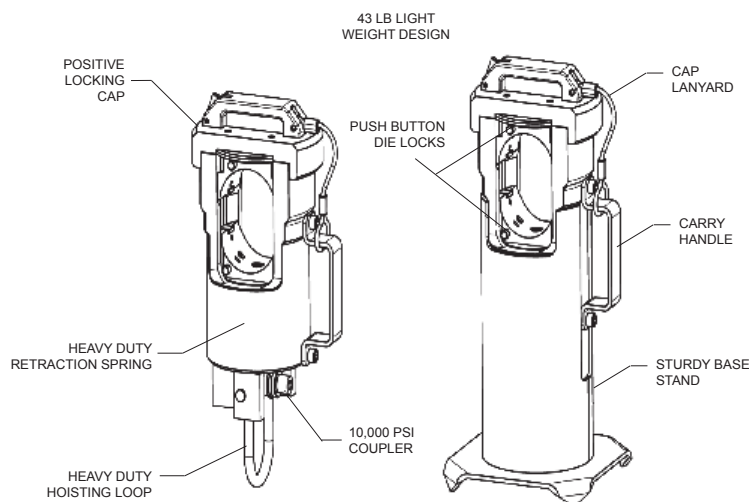
###### Tension Sleeves:

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

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Y60LW stand



## 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

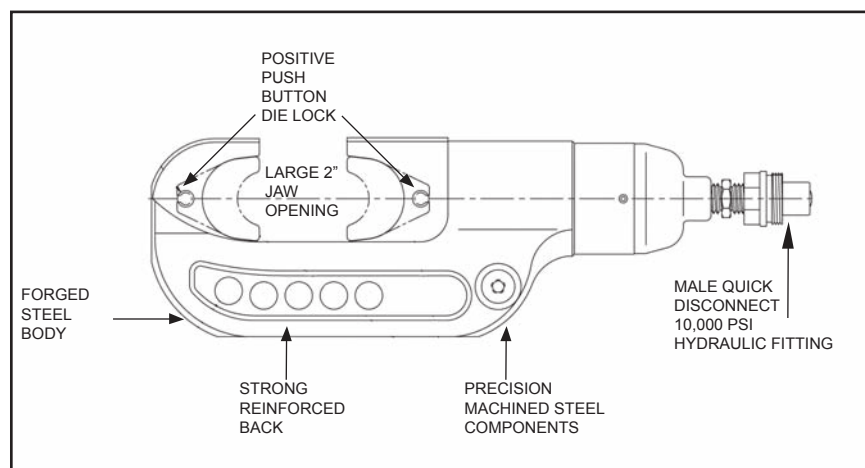
- Compact "C" shaped head allows easy placement and removal from continuous conductor lengths
- Versatile and economical HYPRESS™ tools work on all commonly used copper and aluminum products
- Dies and adapters lock into or remove from tool head easily with the positive push button die locks
- Safety, strength and high quality is provided with strong forged steel and precision machined components
- Excellent for HYGROUNDS® 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"<br>(inc. boot) |
| Weight (less case): | 16 lbs.    | 17-1/2 lbs             |
| Molded covering:    | No         | Yes                    |

## FOR USE ON

|                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Copper<br>#8 AWG Str.<br>1500 kcmil<br>Code Cable<br>Navy Cables<br>Flexible and<br>Extra Flexible<br>1/2"-1" Ground<br>Rods | Terminals-Grounding to 500 kcmil<br>YGA, YGHA, YGF<br>Terminals-Uninsulated #8 to 1500<br>kcmil<br>YA, YA-2N, YA-L,<br>YA-LB, YA-TC, YA-2LN, YAB-4N,<br>YAV-L Box, YAV-L, YAV-RS Box,<br>YAV-RS, YA-TC-FX<br>Terminals-Insulated #8 to 2/0<br>YAEV-L Box, YAEV-L, YAEV-H,<br>YAEV-RS, YAEV-RH<br>Splices #8 to 1500 kcmil<br>YS, YS-T, YS-L, YS-LB, YST,<br>YSP-T, YGS, YGHS<br>Taps<br>YH, YCHC #14 to 1000 kcmil<br>YC-C to 4/0 AWG<br>Taps-Grounding to 500 kcmil<br>YGHC-C, YGHP-C, YGHR-C |
| Aluminum<br>#8 AWG-<br>1250 kcmil<br>Code Cables                                                                             | Terminals<br>YA-A, AYP, AYP0<br>Splices<br>YS-A, YS-AT, YRB<br>Taps<br>YFD, YFN, YFO, YFR                                                                                                                                                                                                                                                                                                                                                                                                      |
| ACSR                                                                                                                         | See Burndy Overhead<br>Transmission and<br>Distribution Catalog Module                                                                                                                                                                                                                                                                                                                                                                                                                         |



## 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

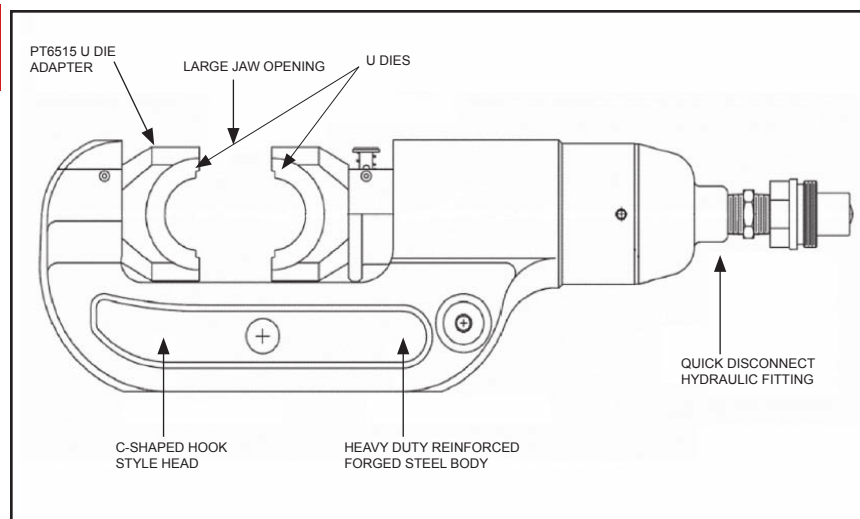
- Easy connector installation and tool removal from line conductors with the open C-shaped head
- Easily lifted into working position using lifting eye
- Easy die changing plus secure die alignment is provided with the positive die lock buttons
- Long life expectancy is provided with fully protected 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

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

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#### ACCESSORIES:

| <b>Cat. No.</b> | <b>Description:</b>                                                                            |
|-----------------|------------------------------------------------------------------------------------------------|
| <b>PT6515</b>   | Adapter for use with “U” die sets.                                                             |
| <b>PT6545</b>   | Die carrying case for “S” and “P” type dies. Holds eight (8) die sets. (Dies sold separately). |

**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<br>(cable/ground rod) |
| Ground Rods | 1/2" - 1" Diameter                   |

**ACCESSORIES**

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

**FEATURES**

REMOTE HEAD FOR USE  
WITH "U" STYLE DIES

LARGE 1.65" JAW OPENING  
TO ACCOMMODATE  
ASYMMETRICAL CONNECTORS

BOTH DIE RELEASE  
BUTTONS EXPOSED

QUICK DISCONNECT  
HYDRAULIC FITTING

C-SHAPED HEAD

### 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

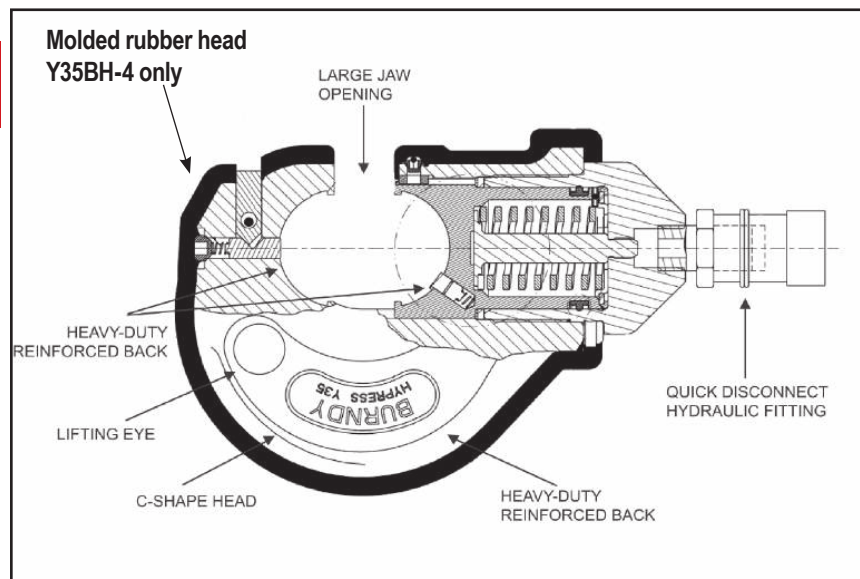
#### SPECIFICATIONS

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

#### FOR USE ON

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

N-38



#### 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**

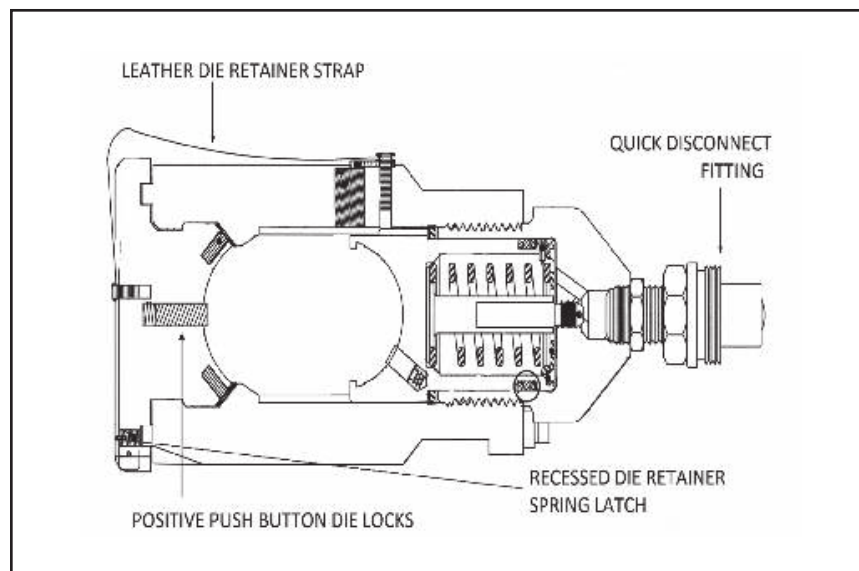
**REMOTE POWER OPERATED  
COMPRESSION TOOL**

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**

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

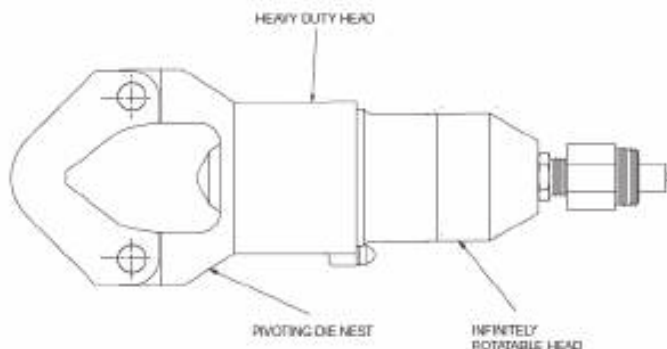
#### SPECIFICATIONS

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

#### FOR USE ON

|               |                                                                           |
|---------------|---------------------------------------------------------------------------|
| Copper        | Terminals                                                                 |
| #6-1000 kcmil | YA-L, YA-2LN, YA,<br>YA-2N, YA-L-2TC,<br>YAB-4N, YA-L-TC,<br>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            |

**4-POINT®**  
**Y81KFTMBH**

**DIELESS HYPRESS™**

Remote Operated  
Dieless Hydraulic Tool-10,000 PSI

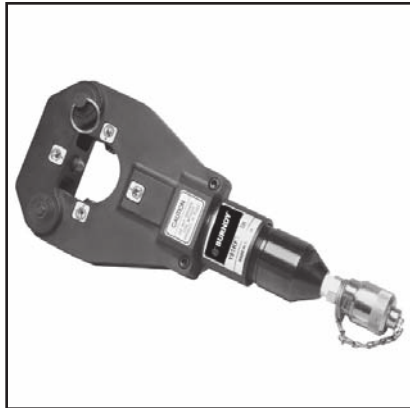
#8 - 1000 kcmil Copper  
HYLUG™ Terminals and  
HYLINK™ Splices

#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**

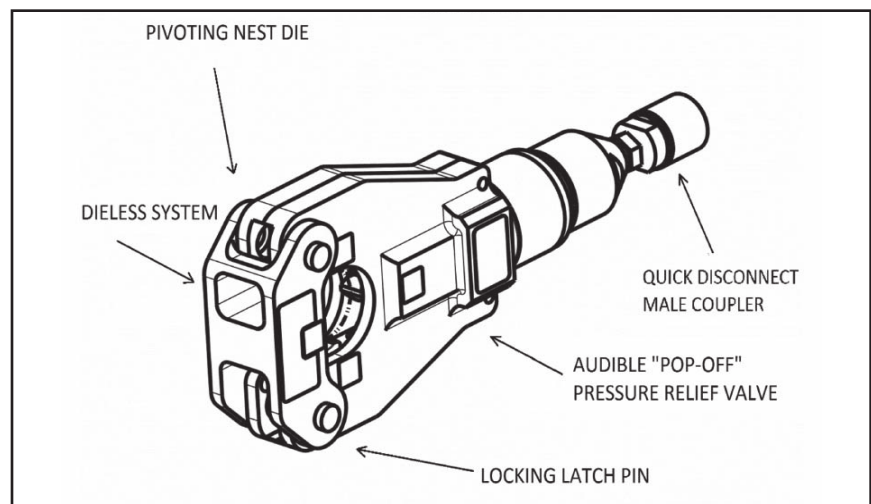
|                            |                                          |
|----------------------------|------------------------------------------|
| <b>Output Force:</b>       | 6 tons (12,000 lbs)<br>(5.4 metric tons) |
| <b>Weight:</b>             | 8.5 lbs (3.86 kg)                        |
| <b>Overall Length:</b>     | 13.9 in (354 mm)                         |
| <b>Head Width:</b>         | 5.4 in (138 mm)                          |
| <b>Operating Pressure:</b> | 10,000 PSI<br>(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)



**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.



**Features and Benefits**

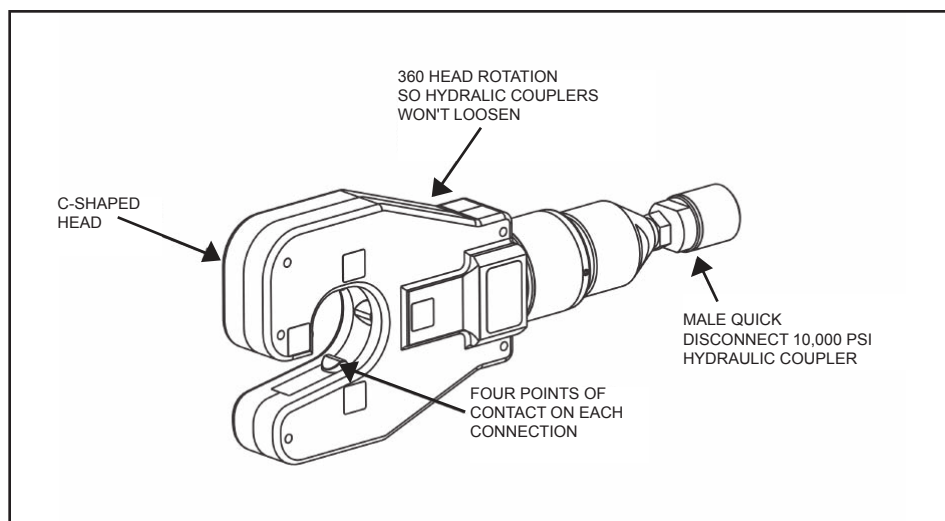
- Dieless installation system
  - ◇ Eliminates the need to purchase and maintain dies
- UL Listed and CSA Certified with range taking capabilities
  - ◇ Provides the installer with a UL Listed and CSA Certified crimps when used in conjunction with BURNDY HYLUG™ and HYLINK™ compression connectors
- C-shaped 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

**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, AYPO).



## 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

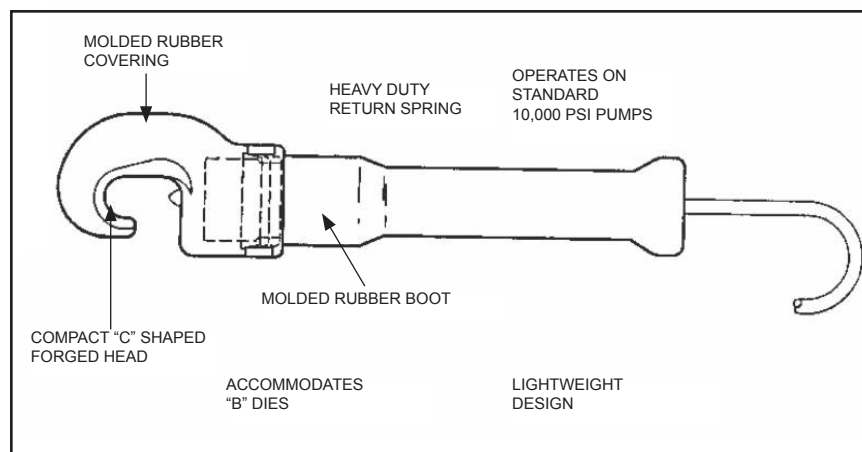
|                          |                |
|--------------------------|----------------|
| Operating pressure:      | 10,000 PSI     |
| Jaw opening:             | 1-1/2"         |
| Maximum force generated: | 9 tons         |
| Head Length:             | 11-1/2"        |
| Overall dimensions:      | 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)

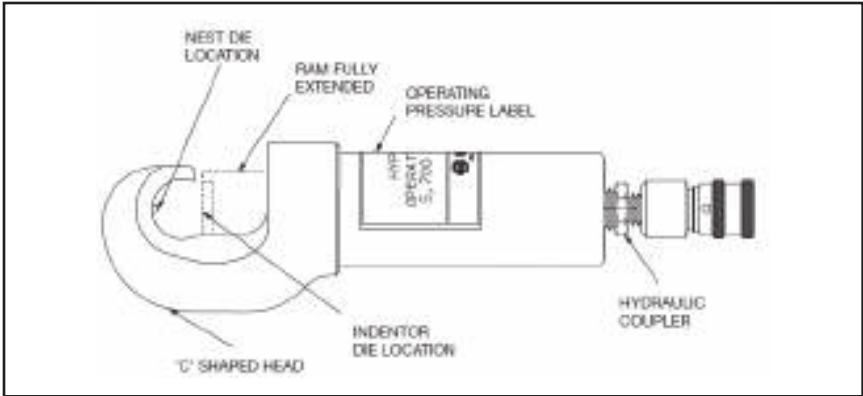
- YAV-L, YAV-R, YAV-RS

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

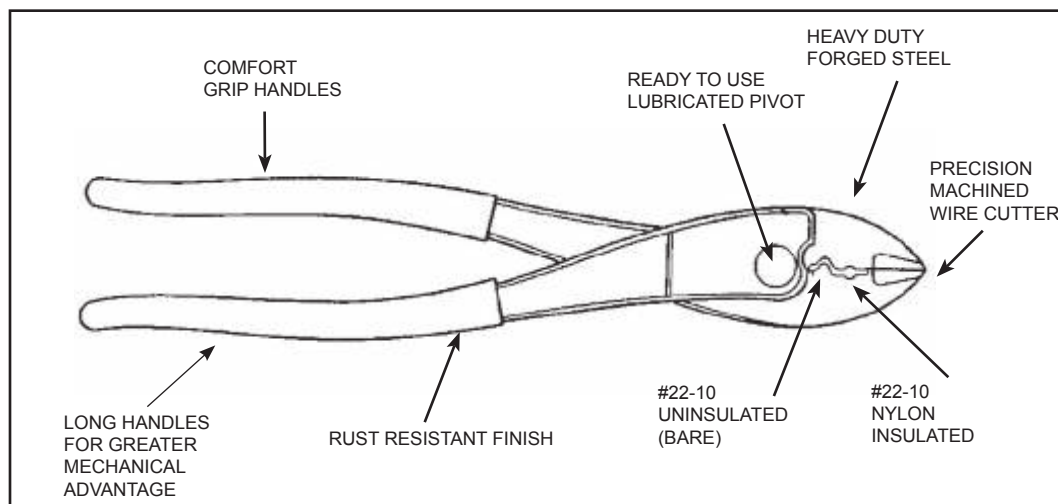
| <u>Box Cat. Types</u> | <u>Bulk Cat. Types</u> |
|-----------------------|------------------------|
| SN                    | YSE-HN *               |
| SNM                   | YSES                   |
| YSE-H BOX *           | YSE-H *                |

#### #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

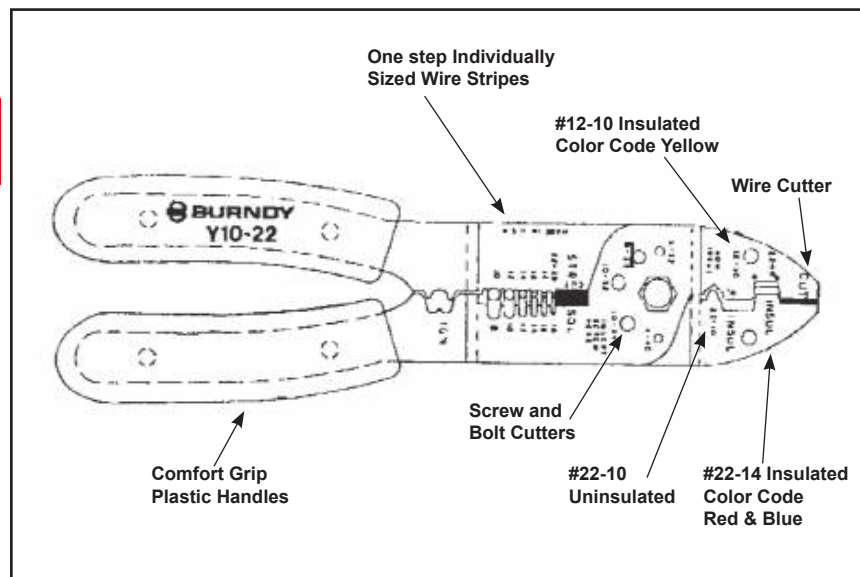
| <u>Box Cat. Types</u> | <u>Bulk Cat. Types</u> |
|-----------------------|------------------------|
| SP                    | BS                     |

##### #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 *                |



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## 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

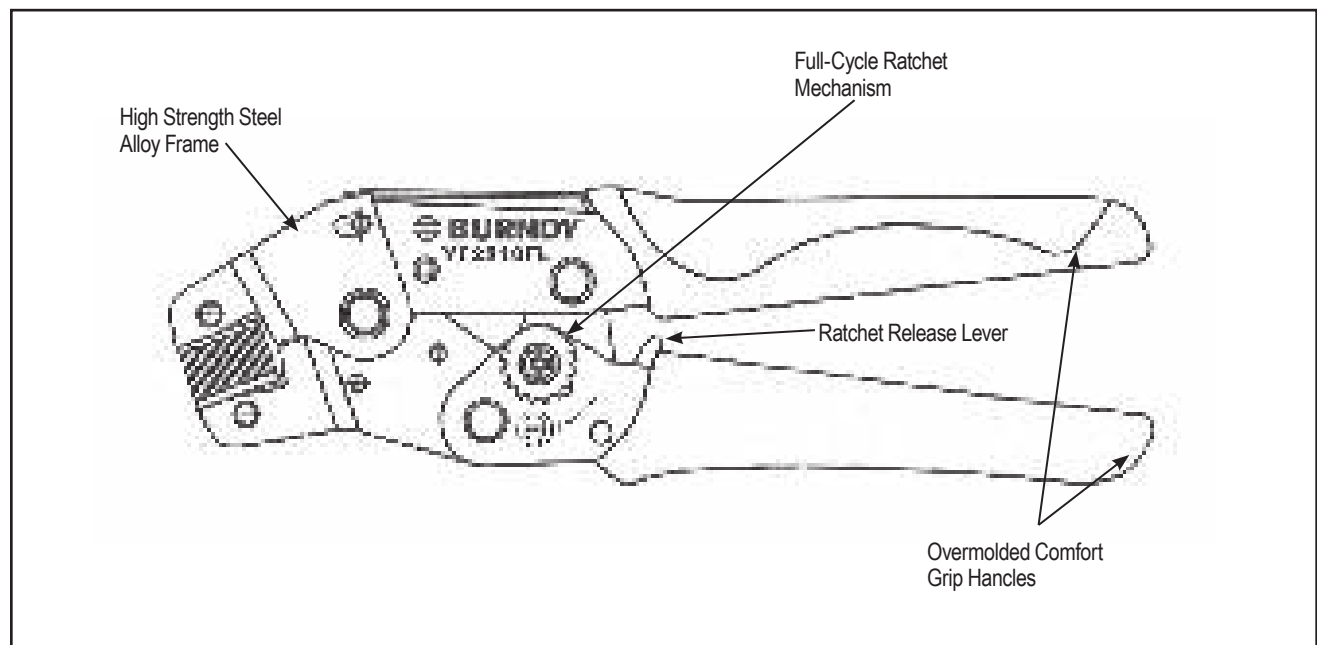
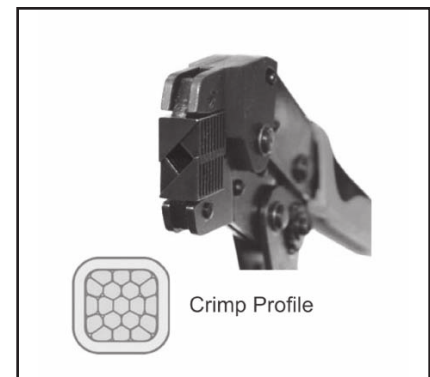
## SPECIFICATIONS

|               |                 |
|---------------|-----------------|
| 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



### 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

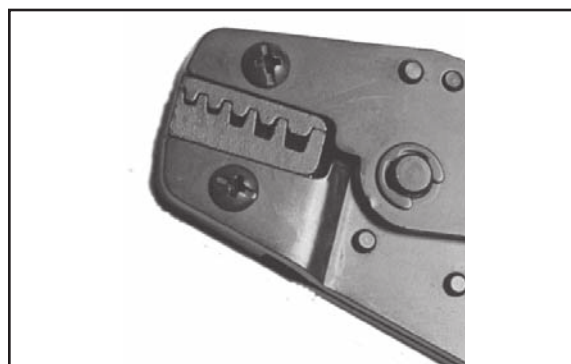
- Ergonomic handle design to help ease installer fatigue
- Release mechanism
- Low handle force required

| 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          |

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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**

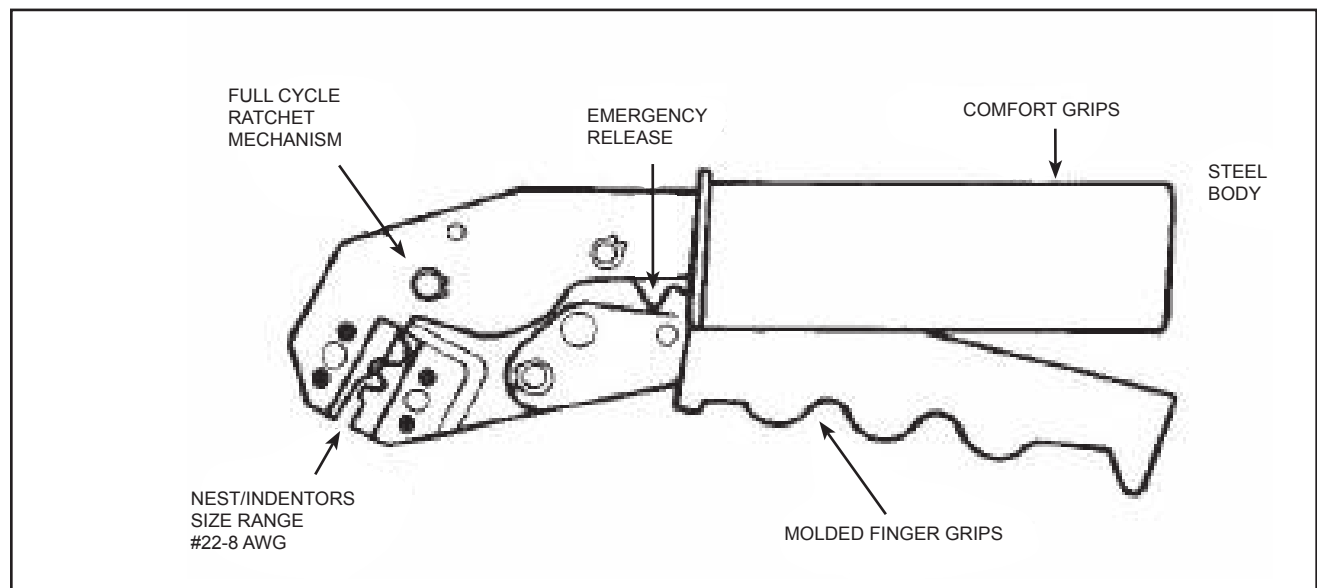
|           |       |
|-----------|-------|
| YSV BOX   | YSV   |
| YSV-L BOX | YSV-L |

**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

| Groove | Gauge#  |
|--------|---------|
| #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



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

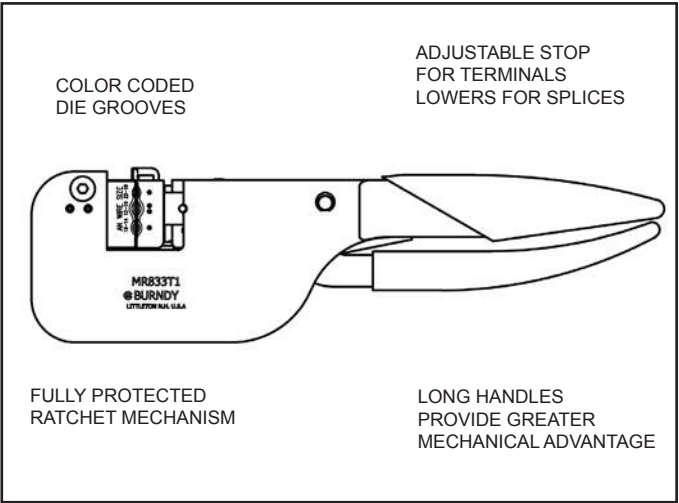
Length: 10-1/2"  
Weight: 1-1/2 lbs

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<br>#10-22 AWG Sol. Cable<br>#8-22 Str. AWG Cable | YAV BOX<br>YSV BOX<br>T<br>T-F | YAV, YSV,<br>YAD,<br>YAD-F |
| MR8-33S-1<br>MR8-33T-1 | #10-18 MIL-W-5086 Str.                                                 | YSE BOX<br>YSE-H BOX           | YSE<br>YSE-H               |
| MR8-G96                | #14-22                                                                 | TP                             | BA                         |
| MR8-G98                | #10-22                                                                 | YAV, T                         | YAD, YAV                   |



**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**

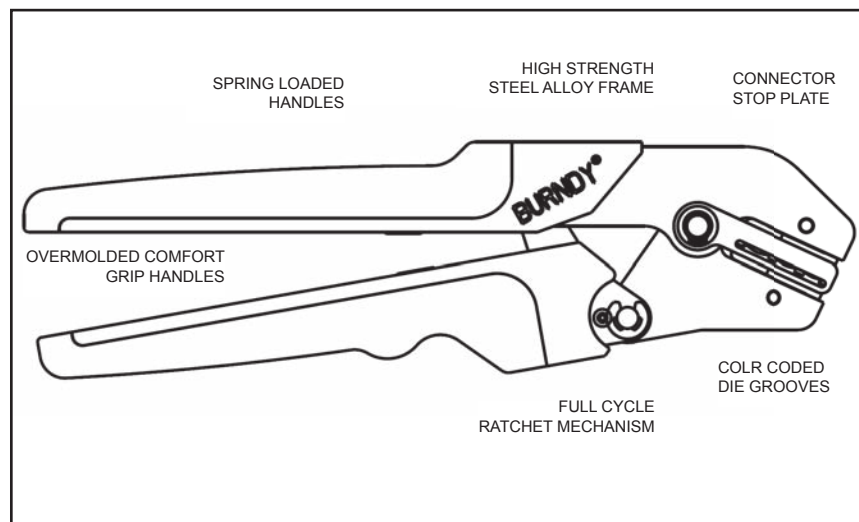
**MRE10-22NV** for nylon and vinyl insulated terminals and splices #22 - #10 AWG

**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

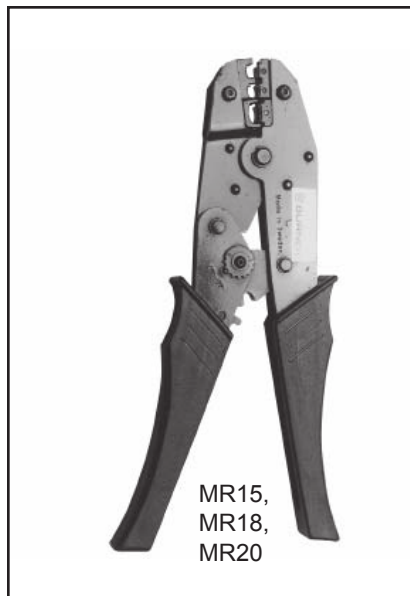


### MR15, MR18, MR20

#### 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 |               |    |

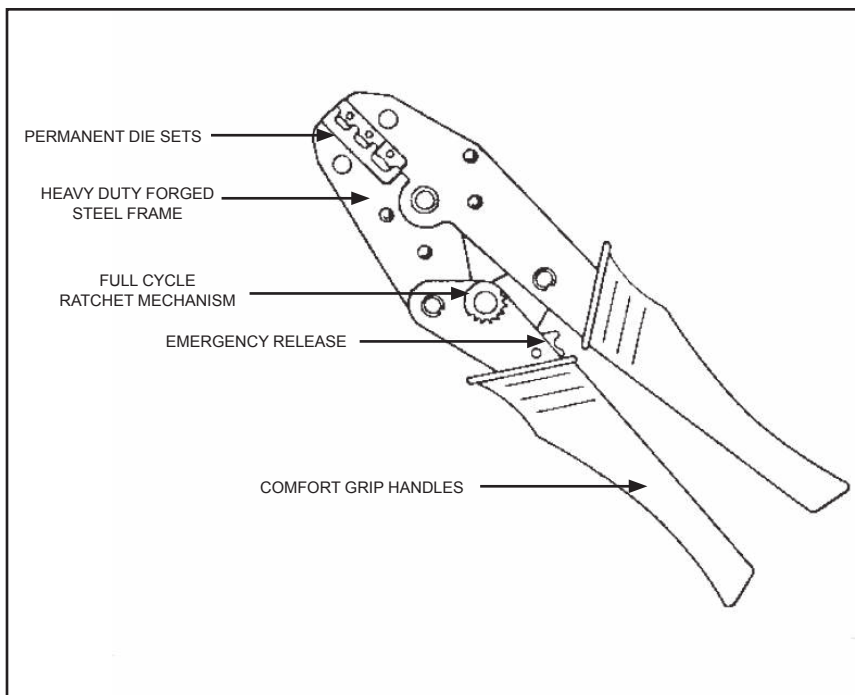
##### MR18 Nylon Insulated Terminals and Splices

| 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

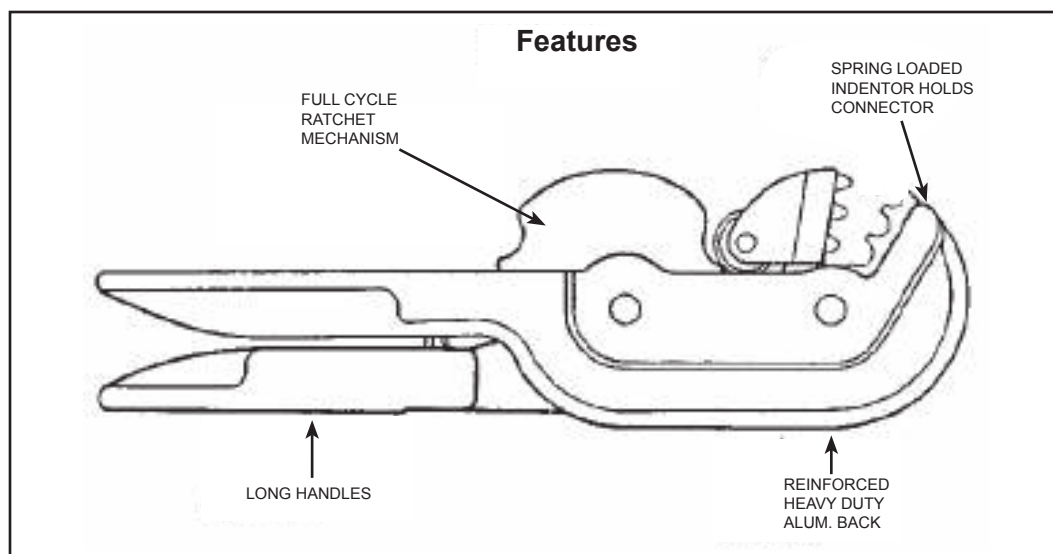
|           |       |
|-----------|-------|
| Terminals | YAV-L |
|           | YA-L  |
| Splices   | YSV   |
|           | YSM   |
|           | YS-L  |

#### 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.

| Groove | Gauge#  |
|--------|---------|
| 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



### TYPE Y10MRS A1

#### Ergonomic Full Cycle Ratchet Hand Tool for J-Dies

##### #22-10 AWG Terminals and Splices

The Y10MRS A1 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 Y10MRS A1 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

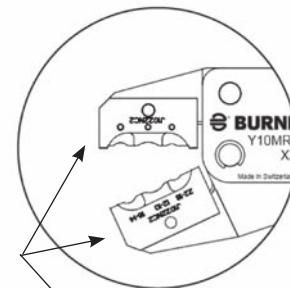


#### Features and Benefits (cont.)

- 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

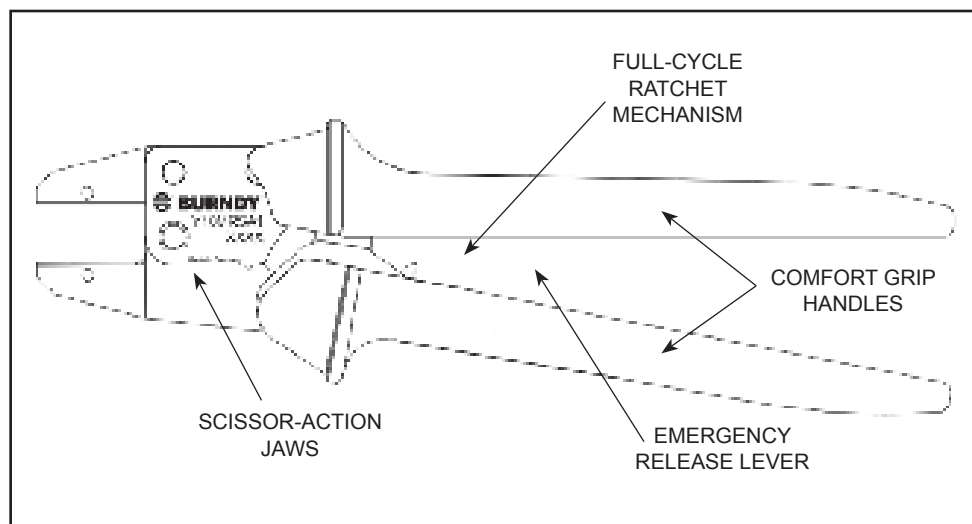


J-DIES  
(sold separately)

#### FOR USE ON

| Die Set<br>(Sold Separately) | Connector Series<br>(#22 - #10 AWG)                                                                   | Insulation<br>Type |
|------------------------------|-------------------------------------------------------------------------------------------------------|--------------------|
| J1022NC1                     | YAE, YAE-N, YAE-N-F, YAE-Z                                                                            | Nylon              |
| J1022NC2                     | YAEV, YAEV-L<br>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,<br>TP-LF, BA-EL, SP, BS                                             | Vinyl              |
| J1022NC5                     | T, YAD, T-F, YAD-F, YAV, YAV-L, YAV-H,<br>YAV-R, YAV-RS, YAV-T-F, YAV-H-F, YAV-Z<br>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

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

Die Index Number Embossment on Connector after Crimp for inspection verification

**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

### Y1MRTC

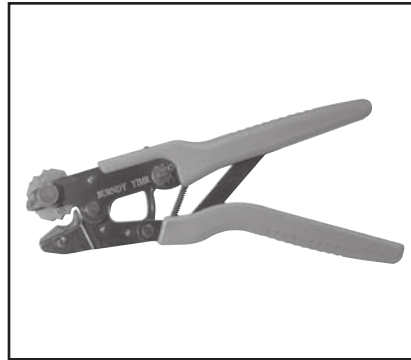
#### HYTOOL™

#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<br>Code & Flex        | YA8C-<br>YS8C-<br>YAV8C-<br>YSV8C- | 49<br>(Red)         | 1                             | 2    |
| #6 AWG<br>Code               | YA6C-<br>YS6C-                     | 7<br>(Blue)         | 1                             | 2    |
| #6 AWG<br>Code & Flex        | YAV6C-<br>YSV6C-                   |                     |                               |      |
| #4 AWG<br>Code               | YA4C-<br>YS4C-                     | 8<br>(Grey)         | 2                             | 4    |
| #4 AWG<br>Code & Flex        | YAV4C-<br>YSV4C-                   |                     |                               |      |
| #3 AWG<br>#2 Sol.            | YA3C-<br>YS3C-                     | 9<br>(White)        | 2                             | 4    |
| #2 AWG<br>Code               | YA2C-<br>YS2C-                     | 10**<br>(Brown)     | 2                             | 4    |
| #2 AWG<br>Code & Flex        | YAV2C-<br>YSV2C-                   |                     |                               |      |
| #1 AWG<br>Code               | YA1C-<br>YS1C-                     | 11**<br>(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<br>12<br>10        | 16-14<br>16-14<br>16 | 49<br>(Red)         | 1           |
| YC8L12         | 10<br>8               | 10<br>12             | 7<br>(Blue)         | 1           |
| YC6L12         | 8<br>6                | 10-8<br>12-10        | 8<br>(Grey)         | 1           |
| YC4L12         | 6<br>5,4              | 8-6<br>12-8          | 10<br>(Brown)       | 2           |

**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"

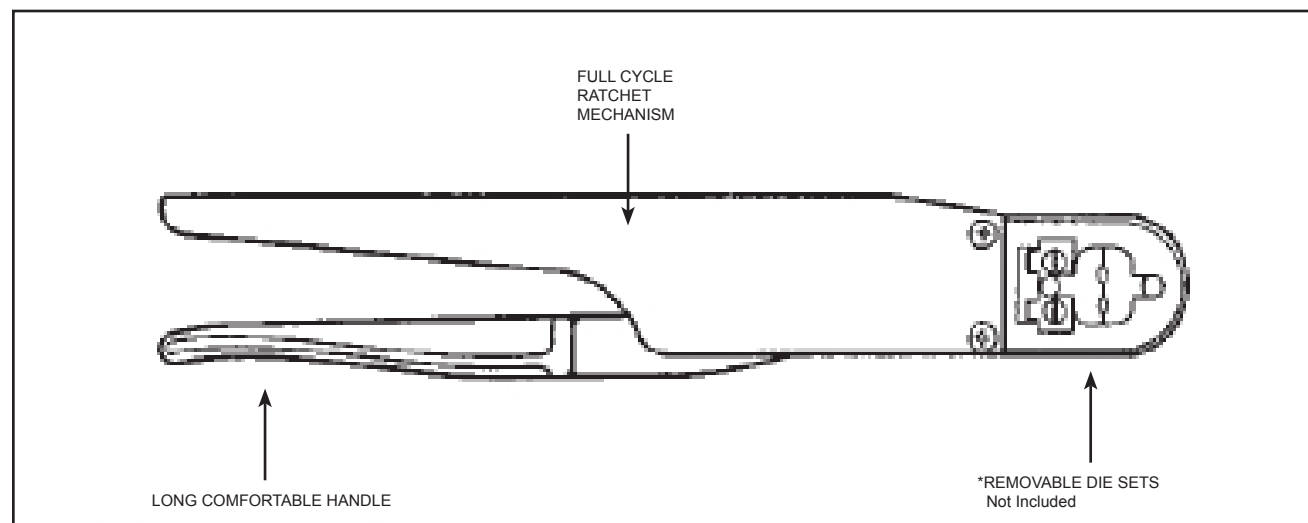
Width: 1-3/4"

**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 |



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### 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

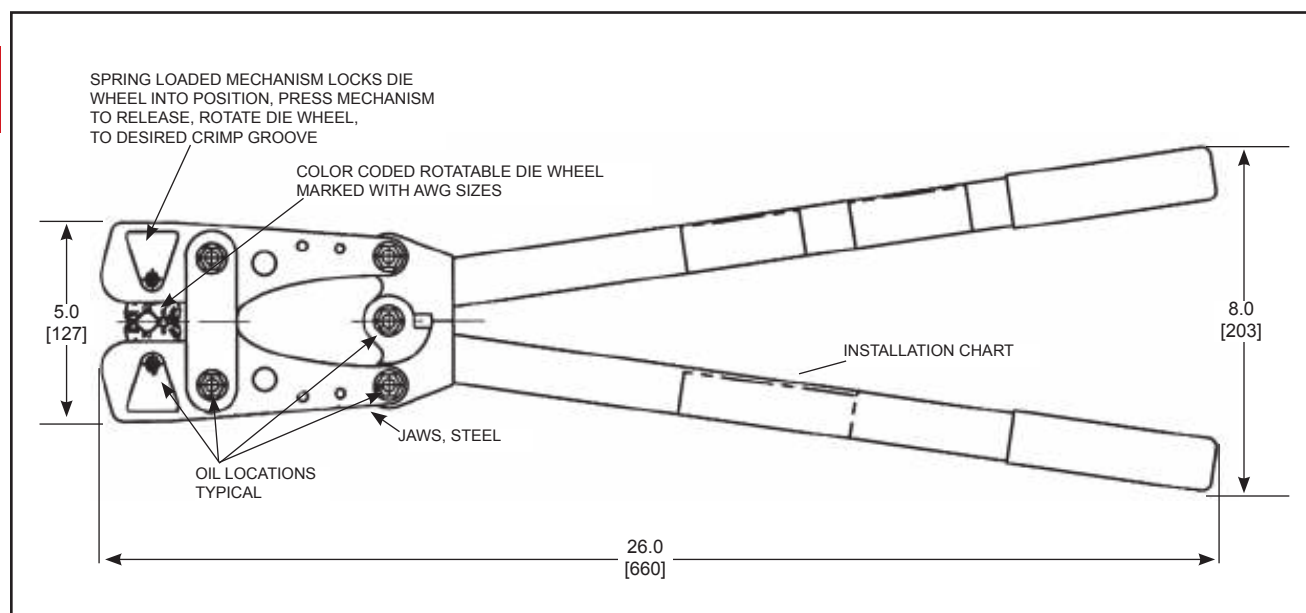
**MRC840** #8 - 4/0 AWG Copper  
Terminals and Splices  
(YA, YA-L, YS, YS-L)

**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

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**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**

|                |               |
|----------------|---------------|
| <b>Length:</b> | 22.65"        |
| <b>Weight:</b> | 8 lbs approx. |
| <b>Depth:</b>  | 4.86"         |
| <b>Width:</b>  | 1.12"         |

**FOR USE ON**

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

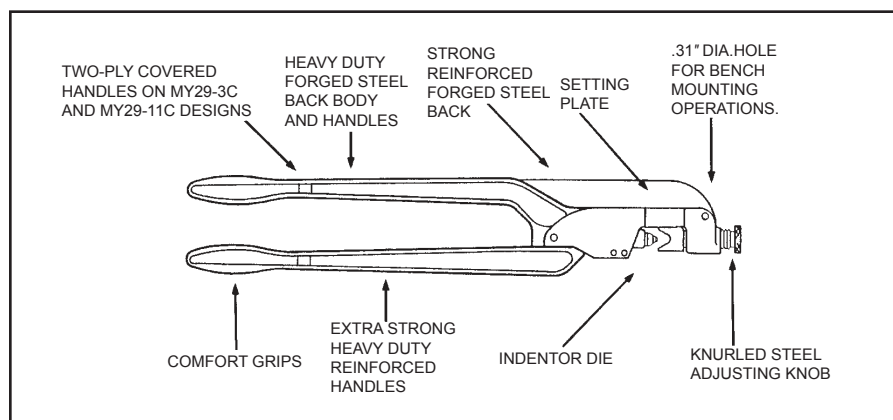
**ACCESSORIES**

**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  |

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

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

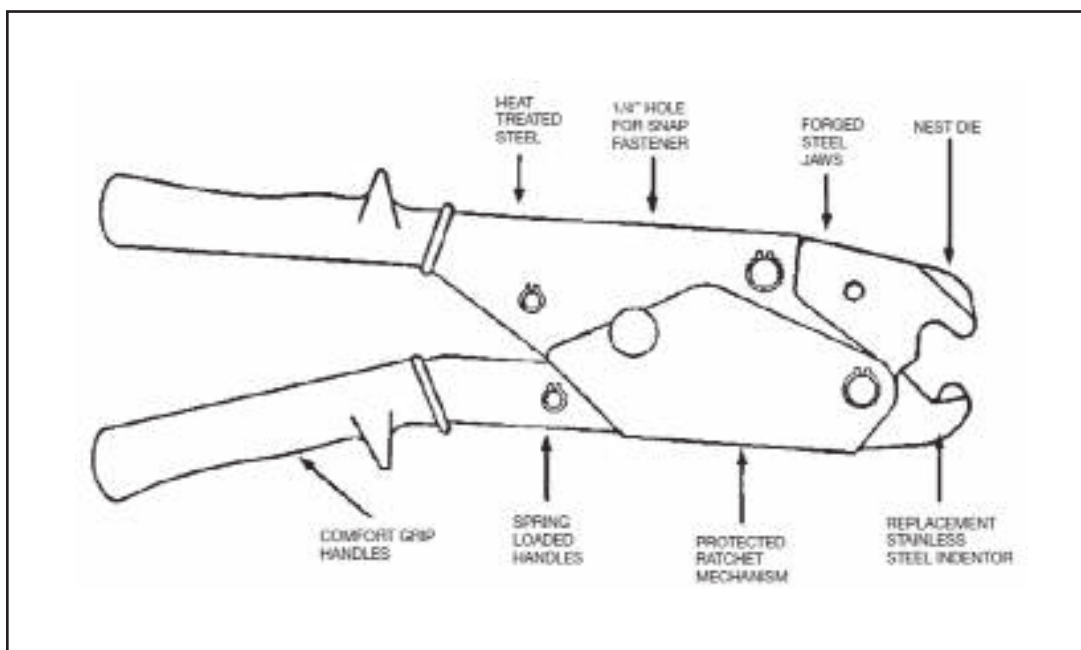
### Features and Benefits

- 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.

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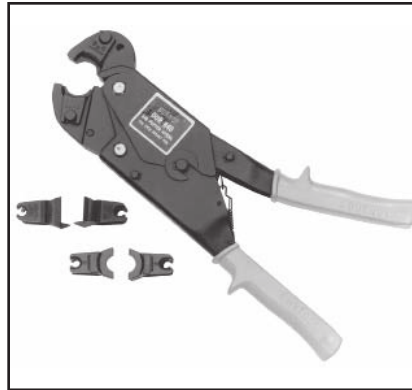
## OUR840

## 840 POPPER™ HYTOOL™

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

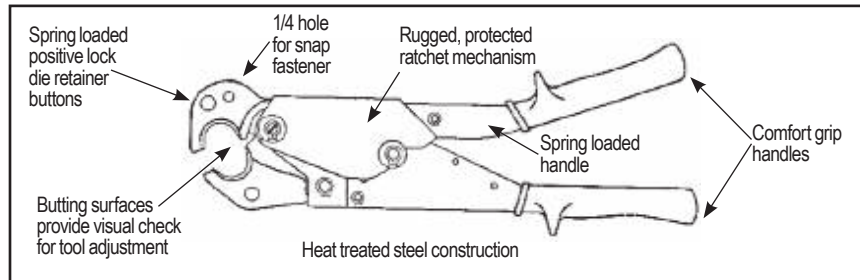
The OUR840 incorporates a full cycle ratchet and cam mechanism allowing an easy, one hand crimping action. Designed for low maintenance operation. The OUR840 has a five (5) year limited warranty. The ratchet mechanism provides for properly completed crimps every time before the tool can be removed from 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:

- Slip the tool over the connector
- The first few strokes grip the connector
- 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:

- Top grain cowhide saddle leather
- Large grommet (Order Separately)

OUR840-WC

## Metal carrying case with die tray:

- Holds one (1) OUR840 and up to eleven (11) "X" dies. Dies Sold Separately

## OUR840 Dies:

| X-Dies<br>Catalog<br>Number | Die<br>Index | Recommended<br>"W" Die Crimp<br>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.

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| 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. Fiberglass rated at 100 kV per foot for 5 minutes.
- 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!

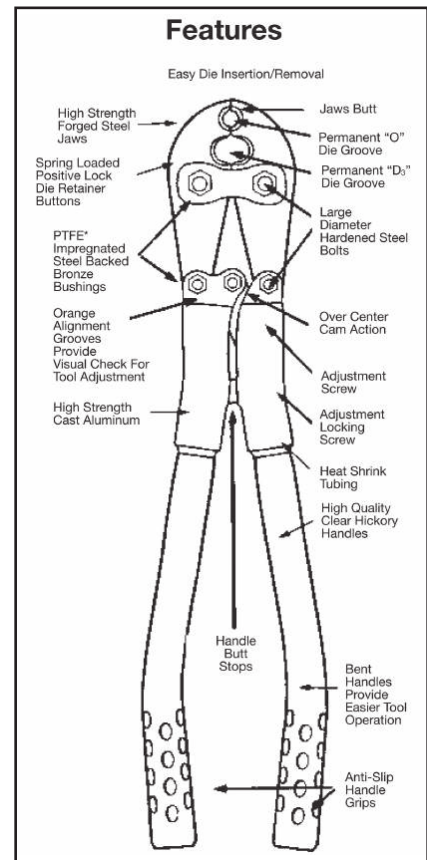
Life cycle tested under full operating forces for over 90,000 cycles successfully without adjustment or any parts replacement.

#### 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



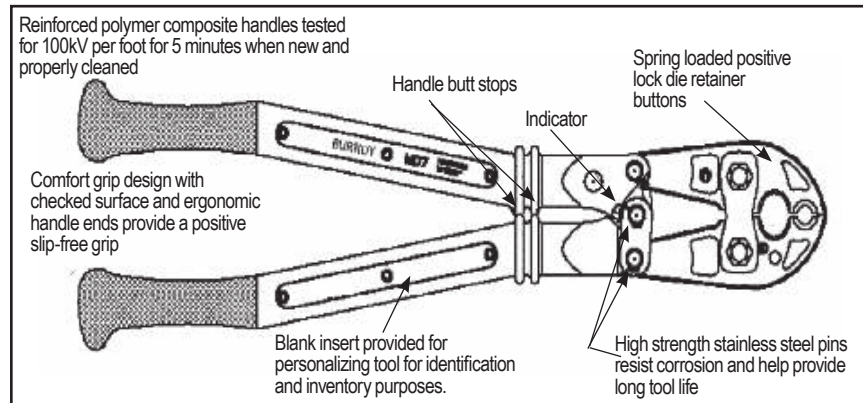
The MD7 POSI-PRESS™ HYTOOL™ is a composite polymer handle installation tool that requires no adjustment for the life of the tool. This assures users of the MD7 tool, that all connections installed with the MD7 POSI-PRESS™ HYTOOL™ are consistent and reliable over the life of the tool. This new technology 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



#### 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.

#### 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.

### 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

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

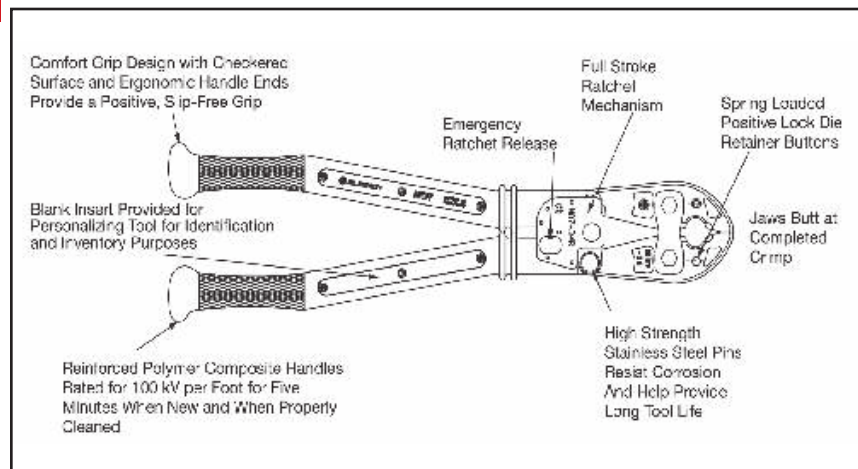
#### MD7-34 Tool Variations

|                     |                                                                                                     |
|---------------------|-----------------------------------------------------------------------------------------------------|
| <b>MD7-34R</b>      | #8-500 Cu HYDENT™, Full Stroke Ratchet                                                              |
| <b>MD7-34R-KIT1</b> | MD7-34R, metal carrying case and all dies for #8-500 kcmil Cu HYDENT™ and C-Taps                    |
| <b>MD7-34</b>       | Supplied without the ratchet mechanism                                                              |
| <b>MD7-34-KIT1</b>  | 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

N-64



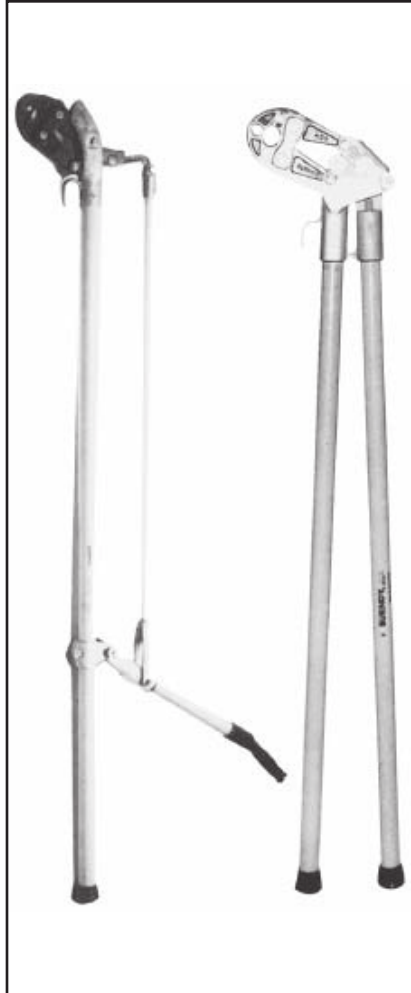
- Butting jaws assure proper crimps
- Wear indicator allows instant inspection of calibration
- Full cycle ratchet assures complete consistent crimp
- High grade hardware increases tool life and durability
- Allows use of complete line of BURNDY® W-VT, W-RT and X-RT series dies
- Color Coded dies simplify 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

### 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

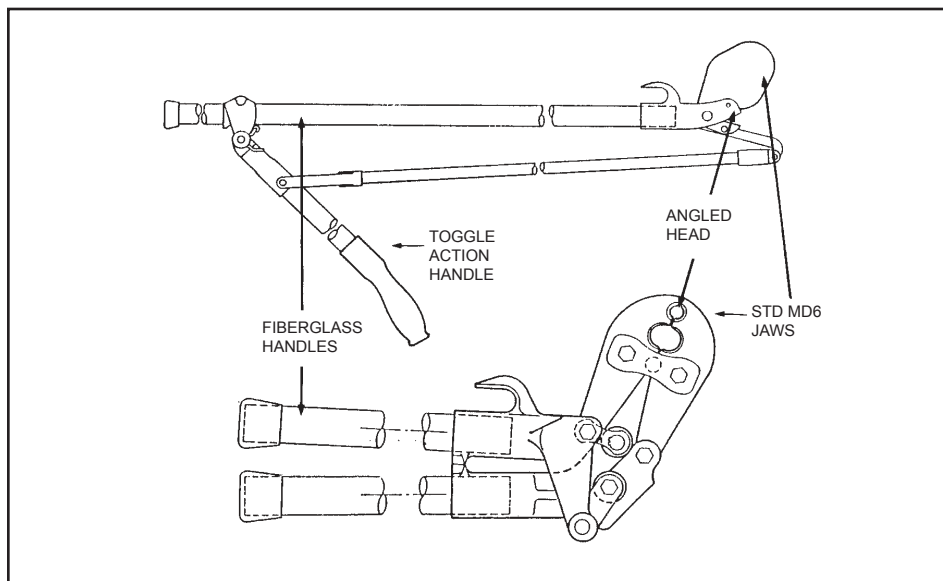


#### SPECIFICATIONS

| 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



### 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.

N-66

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.



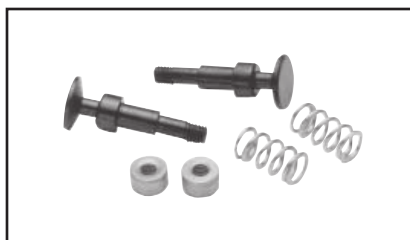
#### Non-Bowing Dies

##### 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

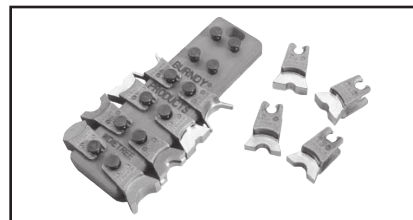
The PT4925 is a sturdy canvas bag for protecting the MD6/MD7 tools with or without rubber covers plus up to (9) die sets. Dies purchased separately.



##### 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

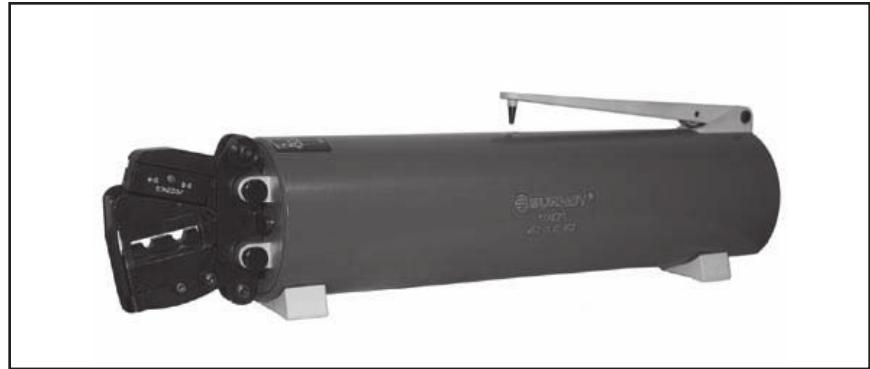
#### Tool Supplied With

|                        | 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

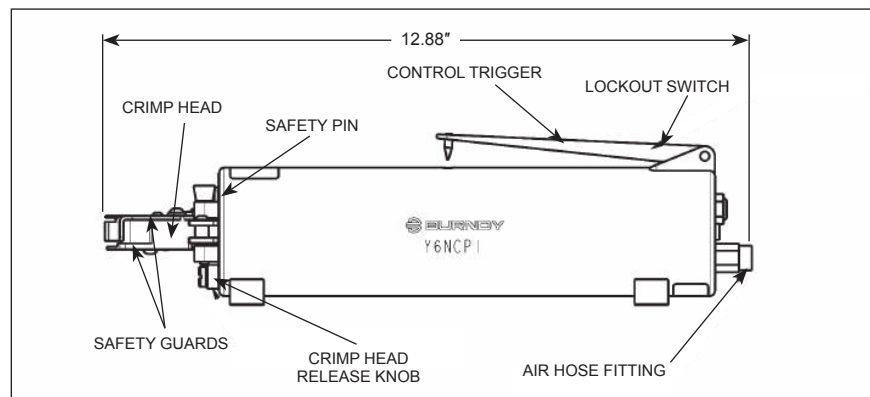
|                        | Y6NCP1                | Y6NCP1SD             |
|------------------------|-----------------------|----------------------|
| <b>Cable Sizes</b>     | #22 - #4 AWG          | #22 - #10 AWG        |
| <b>Length:</b>         | 12.88"                |                      |
| <b>Diameter: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

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

<sup>1</sup> SD-die crimp profiles are identical to the MRE1022B and MRE1022NV crimp profiles.

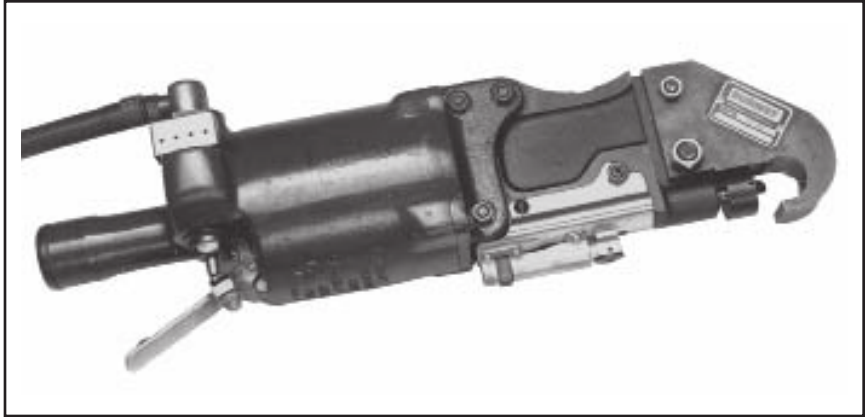
#### Die Specifications

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

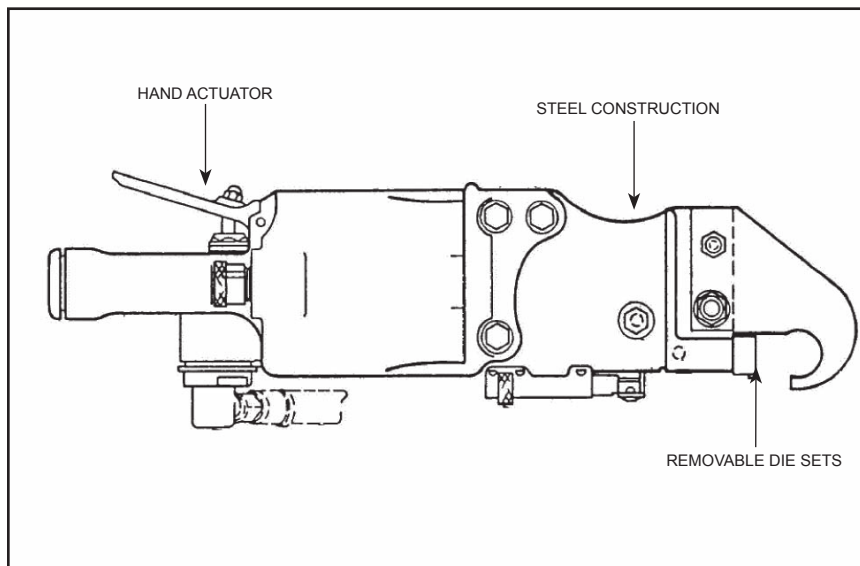
**Length:** 17-1/2"

**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

**Nest/Indenter****Die Index**

|             |        |
|-------------|--------|
| 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

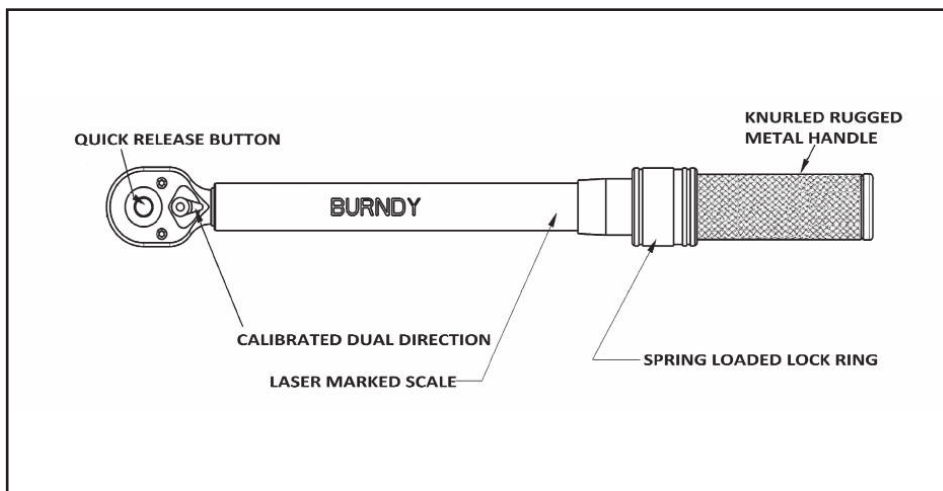
**Applicable Standards:** ASME B107.14M-1994 and ISO 6789

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

### FOR USE ON

SERVIT®, OKLIPTM, 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**

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

**FOR USE ON**

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

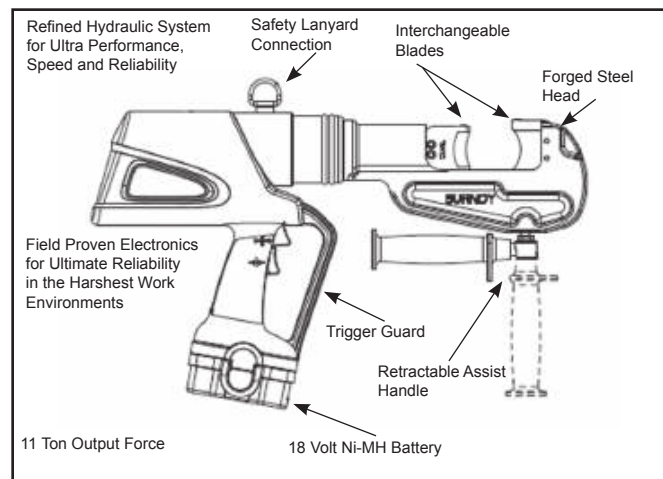
**ACCESSORIES****Replacement**

|                |                                |
|----------------|--------------------------------|
| <b>Blades:</b> | HCCUAL Cu/Al Blades            |
|                | HCCACSR ACSR/ACSS Blades       |
|                | HCCGUY GUY Blades              |
|                | HCCSOL Rebar/Ground Rod Blades |

|                 |                                    |
|-----------------|------------------------------------|
| <b>Battery:</b> | Cat# BAT18V<br>(2.6AH) Hi-capacity |
|-----------------|------------------------------------|

|                  |                    |
|------------------|--------------------|
| <b>Chargers:</b> |                    |
| 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

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

#### FOR USE ON

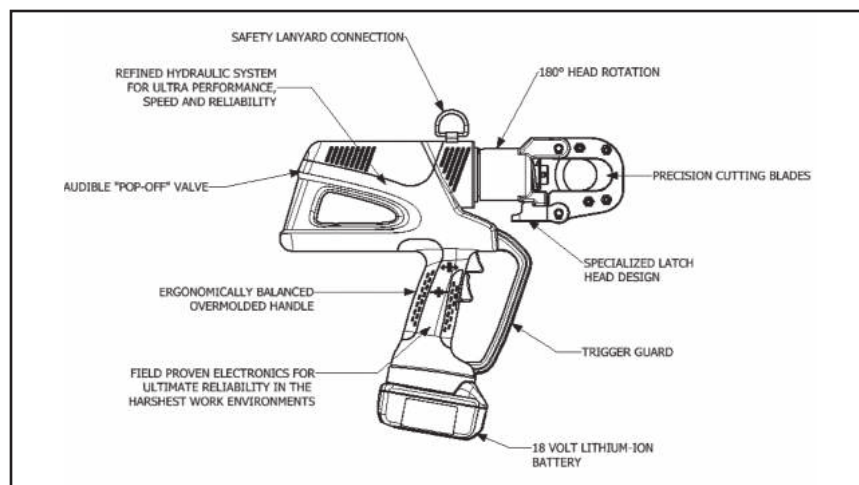
|                                      |             |
|--------------------------------------|-------------|
| <b>Copper &amp; Aluminum Cable :</b> | Up to 1.29" |
| <b>ACSR :</b>                        | Up to 1113  |
| <b>Ground Rod :</b>                  | Up to 5/8"  |
| <b>Rebar :</b>                       | Up to 1/2"  |
| <b>Soft Steel Bolts :</b>            | Up to 5/8"  |
| <b>Standard Guy Strand :</b>         | Up to 1/2"  |
| <b>EHS Guy Strand :</b>              | 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**

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

**FOR USE ON**

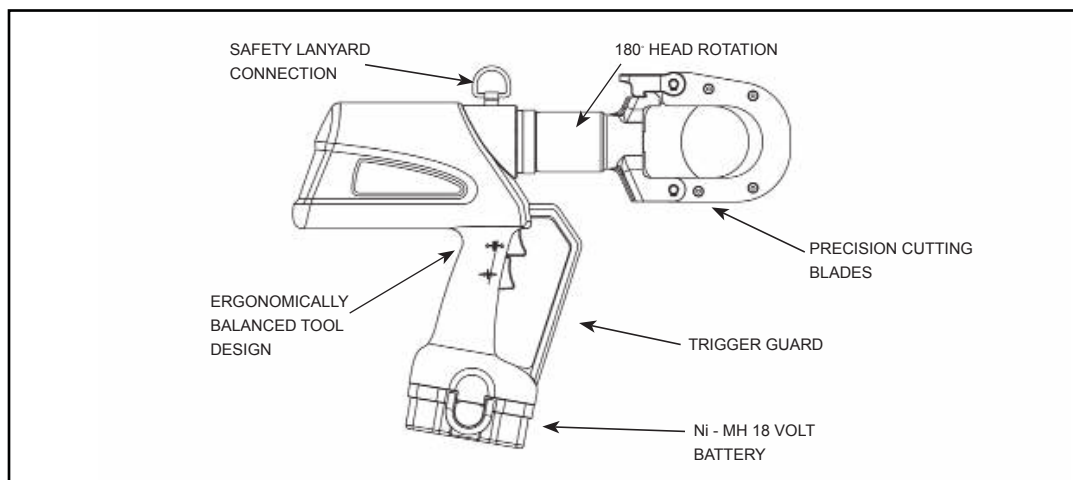
|                            |                   |
|----------------------------|-------------------|
| <b>Copper Cable</b>        | : up to 1.29"     |
| <b>Aluminum Cable</b>      | : up to 1.29"     |
| <b>ACSR</b>                | : up to 1113 ACSR |
| <b>Ground Rod</b>          | : up to 5/8"  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

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

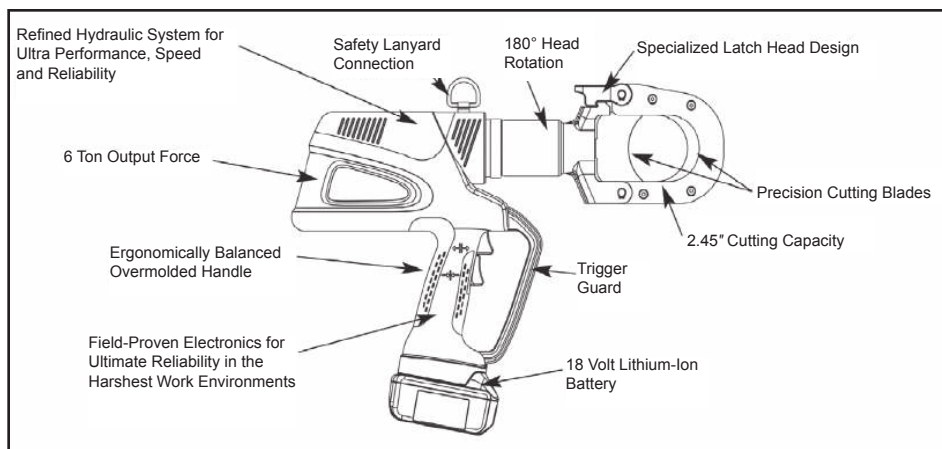
#### **FOR USE ON**

**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**

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

**FOR USE ON**

|                         |                              |
|-------------------------|------------------------------|
| <b>Copper and</b>       |                              |
| <b>Aluminum Cable :</b> | Up to 2.45" O.D<br>(62.2 mm) |

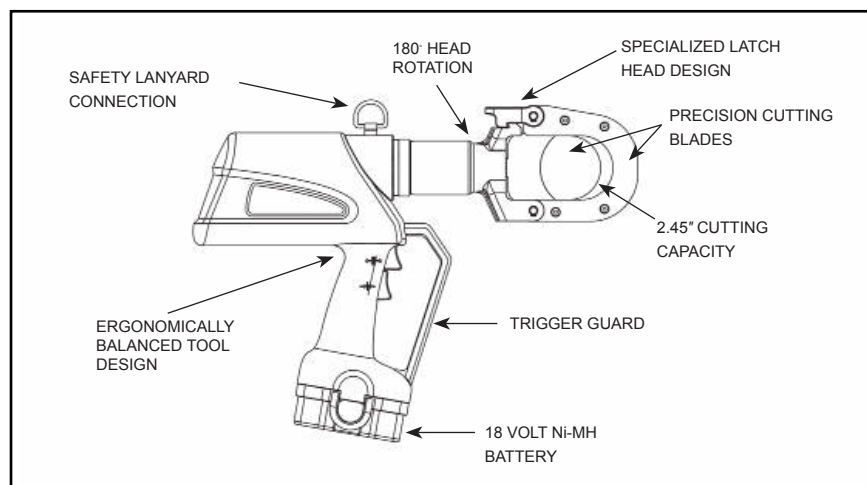
**For Copper and Aluminum cable only. Do not cut steel, ground rod, rebar, or guy wire.**

**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

|                           |           |
|---------------------------|-----------|
| <b>Tool Weight:</b>       | 15.5 lbs  |
| <b>Length:</b>            | 16.47"    |
| <b>Width:</b>             | , / 3.27" |
| <b>Height:</b>            | 13.46"    |
| <b>Operating Voltage:</b> | 18V-DC    |
| <b>Recharge Time:</b>     | 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

|                         |                          |
|-------------------------|--------------------------|
| <b>PATCUT2156-LI</b>    | 18V with 110V Charger    |
| <b>PATCUT2156-LIDC</b>  | 18V with DC Charger      |
| <b>PATCUT2156-LILCB</b> | Less Batteries & Charger |

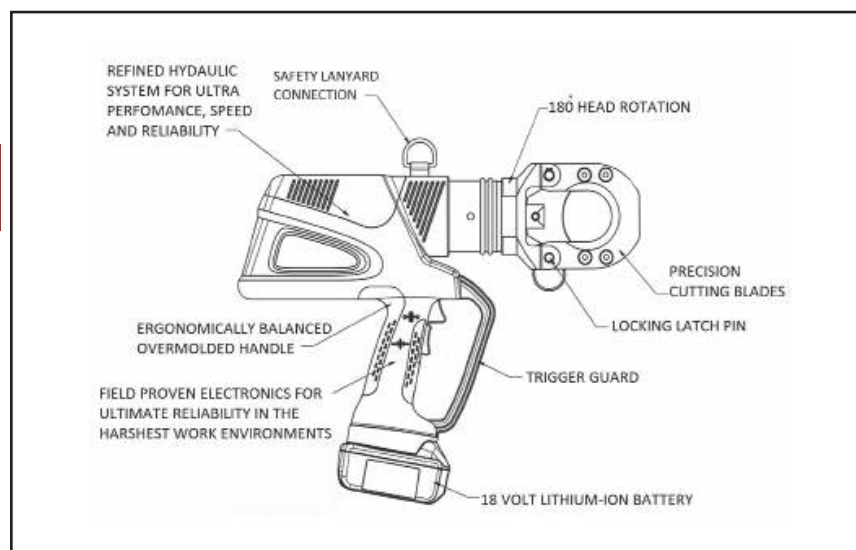
#### ACCESSORIES

**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)

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



N-76

**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**

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

**FOR USE ON**

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

**PART NUMBERS**

|                           |                       |
|---------------------------|-----------------------|
| <b>PATCUT2156-18V</b>     | 18V with 110V Charger |
| <b>PATCUT2156-18VDC</b>   | 18V with DC Charger   |
| <b>PATCUT2156-18V250V</b> | 18V with 250V Charger |

**ACCESSORIES**

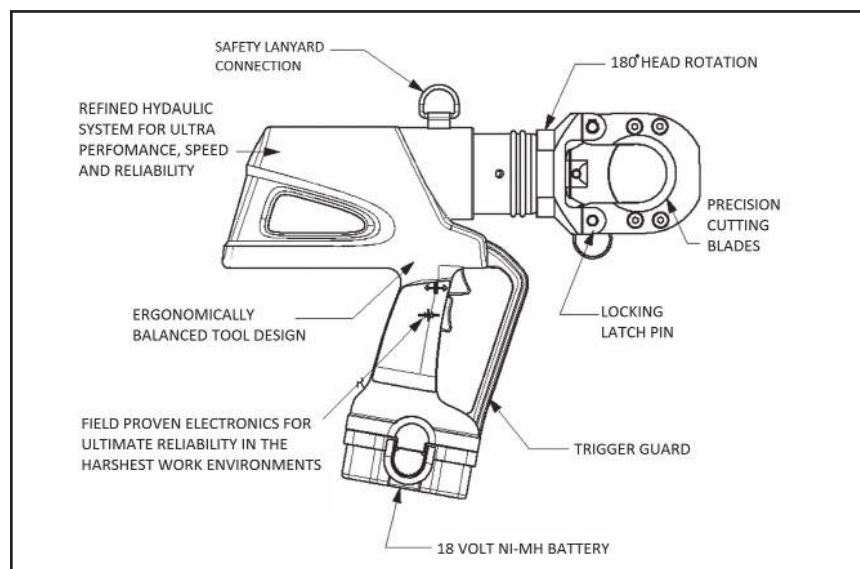
**Battery:** Cat# **BAT18V**  
(2.6 AH) Hi-capacity

**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)     |
| PATJAWS CUT  | 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

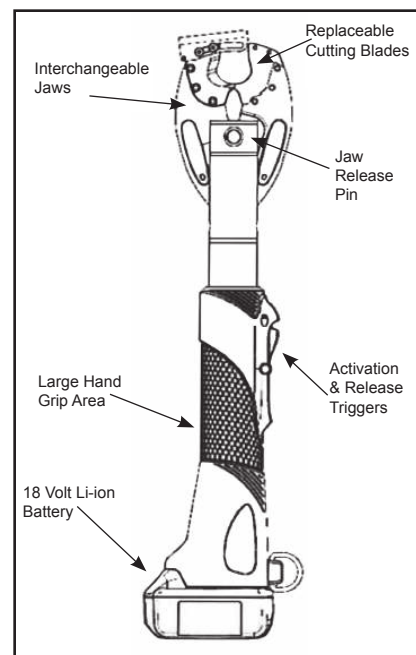
##### ACSR

556 kcmil (26/7 Dove)

##### Guy Wire

3/8" Utility and High Strength

Not for use on Extra High Strength Conductor



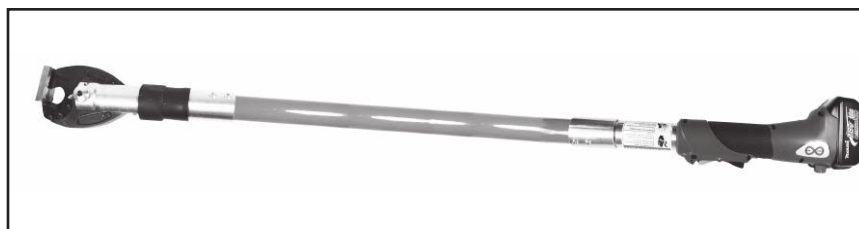
| Catalog Number | Description                 |
|----------------|-----------------------------|
| BAT18VLI       | Battery, 18V Li-Ion         |
| PATCHGR LI     | Charger, 110 VAC for LI     |
| PATCHGLIDC     | Charger, 12 VDC for LI      |
| PT10074020     | Strap, Wrist, IN-LINE® Tool |
| PATMDCUTSOMI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

**PATRIOT® IN-LINE®  
POLE CUTTERS****Li-ION or Ni-MH  
Battery Actuated Cutter****Hydraulic Self-Contained  
Cutting Tool**

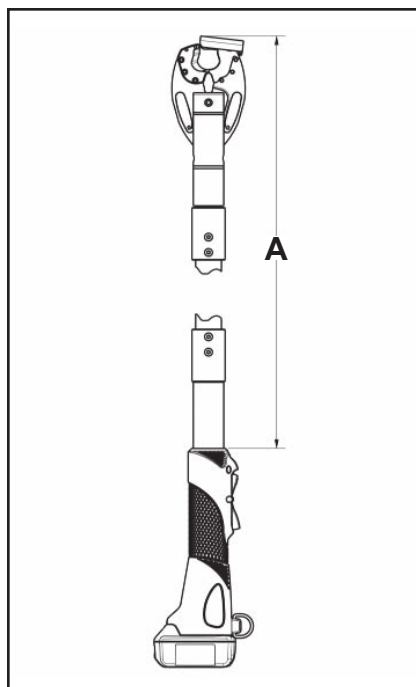
The BURNDY® IN-LINE® pole cutters are battery actuated hydraulic self contained cable cutters for cutting operations at heights. The PATRIOT® PATMDCUT series of tools incorporates a hydraulic pump generating considerable cutting force providing a consistent and reliable cut every time.

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



| 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<br>Not for use on Extra High Strength Conductor | 150         |

**Product Variations**

| Catalog Number | Length (inches) (A) |
|----------------|---------------------|
| PATMDCUT48LLI  | 48"                 |
| PATMDCUT60LLI  | 60"                 |
| PATMDCUT72LLI  | 72"                 |
| PATMDCUT48LNMH | 48"                 |
| PATMDCUT60LNMH | 60"                 |
| PATMDCUT72LNMH | 72"                 |

**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)                    |

## 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.

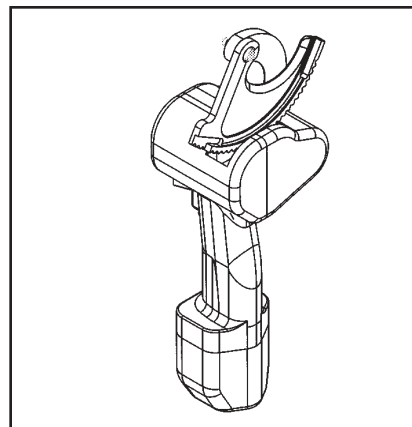


#### Features and Benefits

- 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

#### ACCESSORIES

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



#### SPECIFICATIONS

##### Cutting Tool

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

##### Battery

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

##### Battery Charger

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

#### 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**

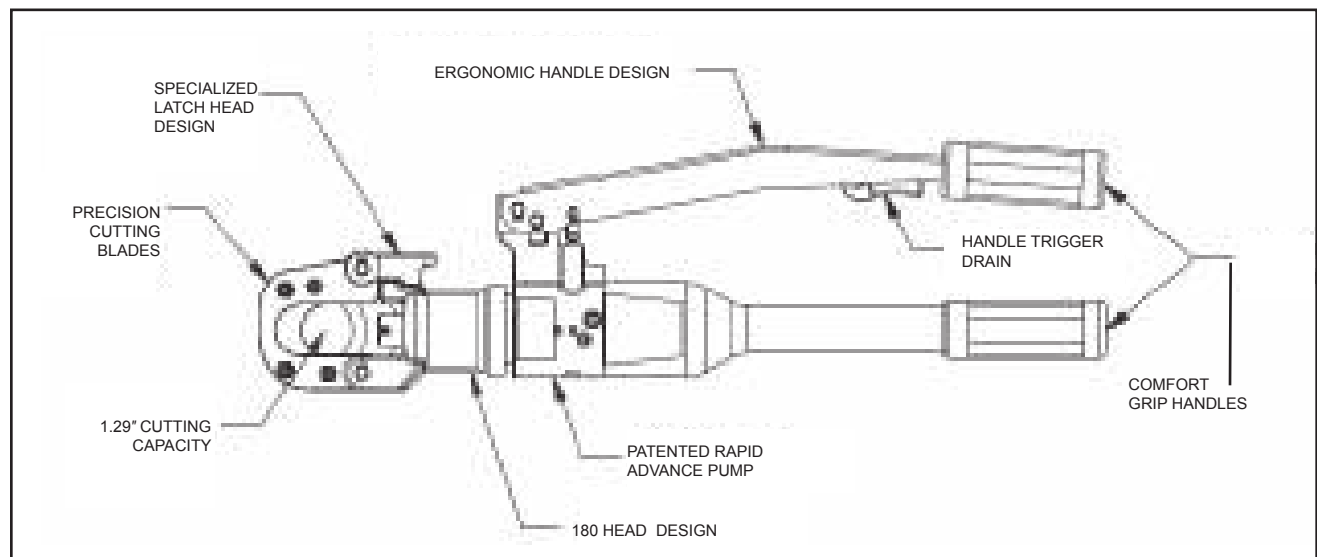
|                         |                   |
|-------------------------|-------------------|
| <b>Force Developed:</b> | 7 U.S. short tons |
| <b>Tool Weight:</b>     | 11.4 lbs (5.1 kg) |
| <b>Length:</b>          | 22.4" (56.9 cm)   |
| <b>Height:</b>          | 6.6" (16.8 cm)    |
| <b>Width:</b>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

**FOR USE ON**

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

**ACCESSORIES**

| <u>Cat. No.</u>            | <u>Description</u> |
|----------------------------|--------------------|
| <b>PT10024162</b>          | Carrying Case      |
| <b>Replacement Blades:</b> |                    |
| <b>PT10037388</b>          | Moving Blade       |
| <b>PT10037384</b>          | 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 Strand and Ground Rod/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

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

#### FOR USE ON

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

#### ACCESSORIES

|                    |                                          |
|--------------------|------------------------------------------|
| Canvas Bag         | : MINBAG                                 |
| Replacement Blades | : HCCCUAL<br>HCCACSR<br>HCCGUY<br>HCCSOL |
| Hot Stick Adapter  | : PT10128                                |

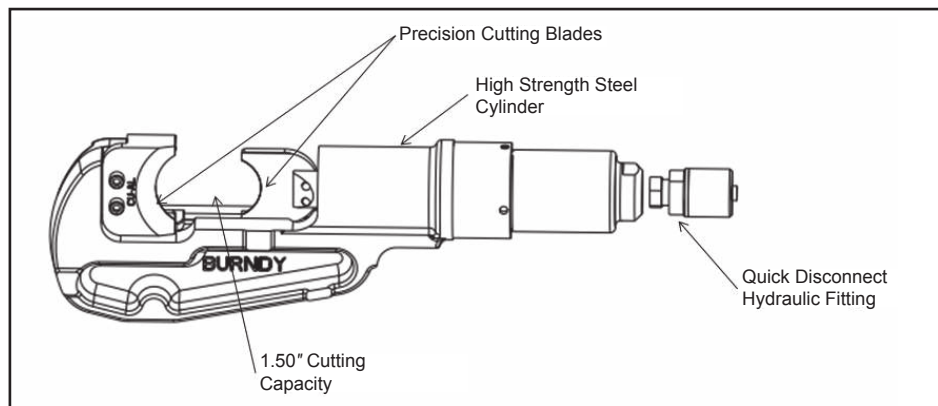
Components Each Tool is Provided With

| 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    |
| HCCCUAL              | 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) |

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**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**

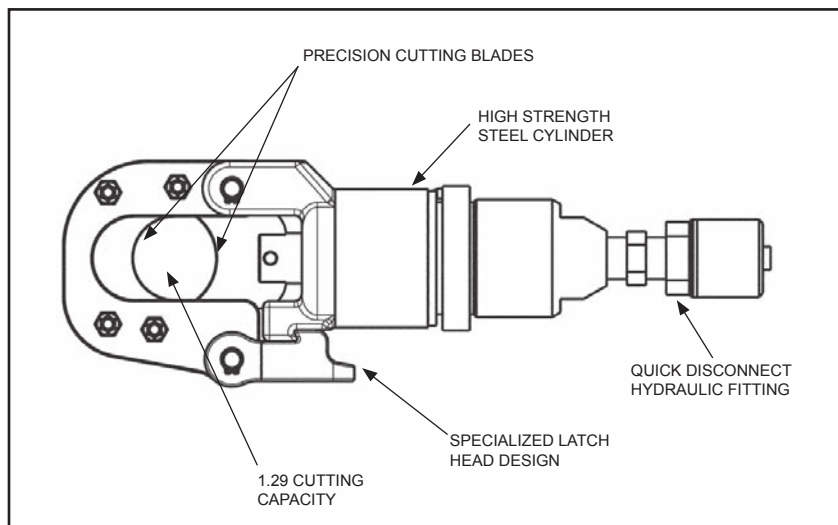
|                            |                         |
|----------------------------|-------------------------|
| <b>Operating Pressure:</b> | 10,000 PSI<br>(700 bar) |
| <b>Tool Weight:</b>        | 5.85 lbs (2.65 kg)      |
| <b>Length:</b>             | 11.25" (286 mm)         |
| <b>Width:</b>              | 3.7" (94 mm)            |

**FOR USE ON**

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

**ACCESSORIES**

|                            |                                                                                     |
|----------------------------|-------------------------------------------------------------------------------------|
| <b>Canvas Bag:</b>         | Cat# <b>PT10043890</b>                                                              |
| <b>Replacement Blades:</b> | Cat# <b>PT10037388</b><br>(Moving Blade)<br>Cat# <b>PT10037384</b><br>(Fixed Blade) |
| <b>Hot Stick Adapter:</b>  | Cat# <b>RHCCHSA</b>                                                                 |



## 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<br>(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)

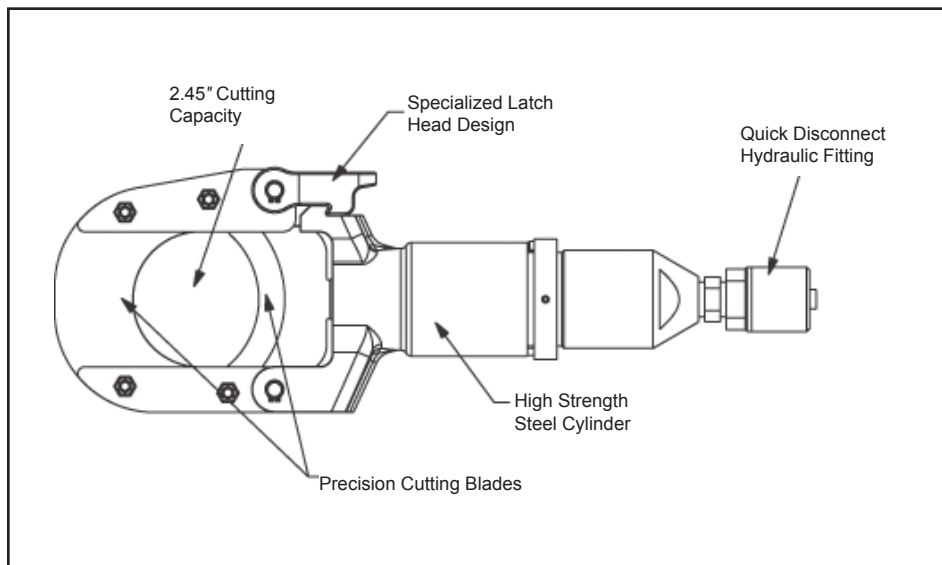
## ACCESSORIES

Canvas Bag: Cat# PT10054094

### Replacement

Blades: Cat# PT10038657  
(Moving Blade)

Cat# PT10040663  
(Fixed Blade)



**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.

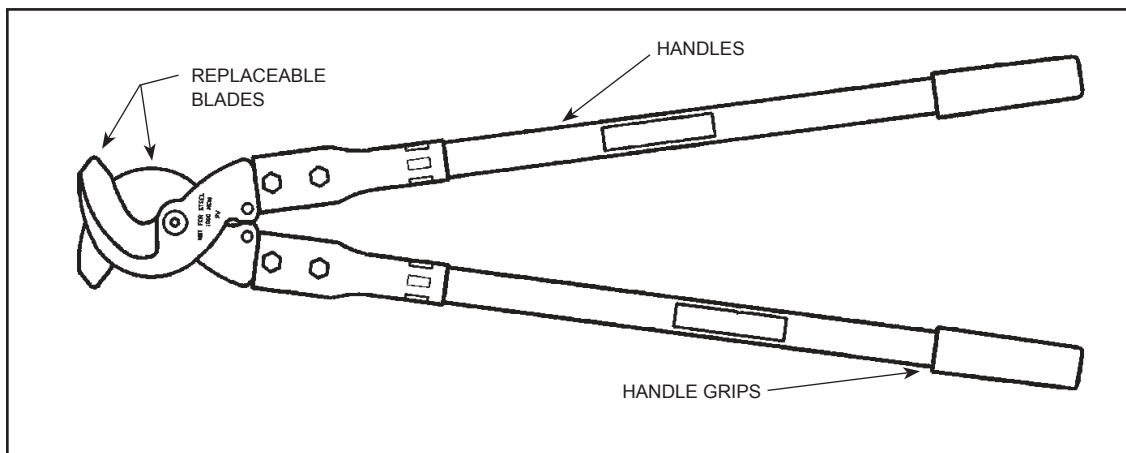
Rugged steel blades and fiberglass construction provide cutting ease, long life and minimum cable distortion.

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   |                          |                      |
| <b>MCC600</b>  | 21"<br>[533 mm] | 600 kcmil     | 600 kcmil  | 1.31"<br>[33 mm]         | 3.5 lbs.<br>[1.5 kg] |
| <b>MCC1000</b> | 32"<br>[813 mm] | 1000 kcmil    | 1000 kcmil | 1.90"<br>[48 mm]         | 9.0 lbs.<br>[4.0 kg] |

**Replacement Blades**

| Catalog Number         | Description                    |
|------------------------|--------------------------------|
| <b>MCC600BLADESET</b>  | Replacement Blades for MCC600  |
| <b>MCC1000BLADESET</b> | Replacement Blades for MCC1000 |

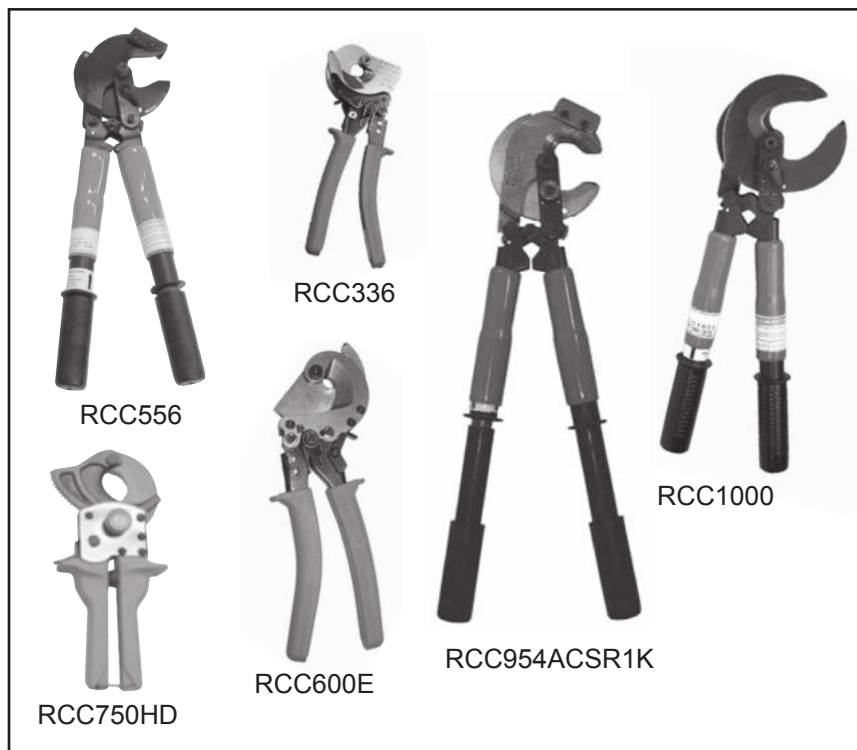
### TYPES RCC336, RCC556, RCC600E, RCC750HD, RCC954ACSR1K, RCC1000

#### 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 aluminum. 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.

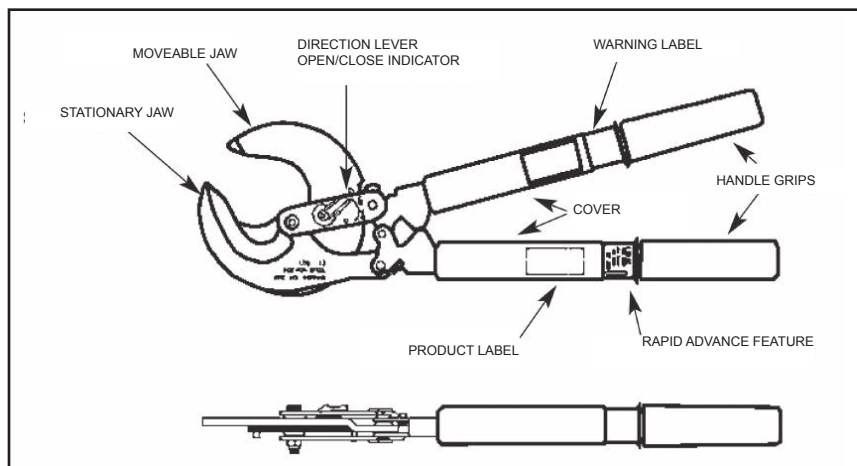
The RCC series cable cutters are warranted to be free from defects in material (excluding blades) and workmanship for one year.

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



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| 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**

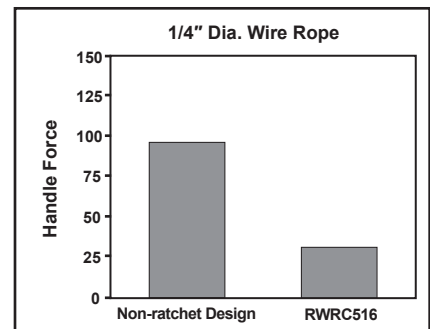
The BURNDY® RWRC516 and RWRC916 wire rope cutters are premium precision tools designed to cut flexible, multi-stranded steel and stainless steel wire rope.

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.

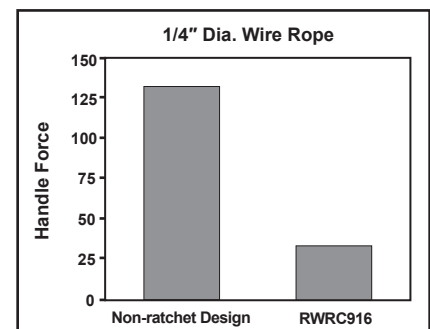
The tool employs a ratchet mechanism for precise control and significantly reduced handle force as compared to scissor or compound action designs. The handle grips are made of non-slip material and are designed for operator comfort.

**SPECIFICATIONS****RWRC516**

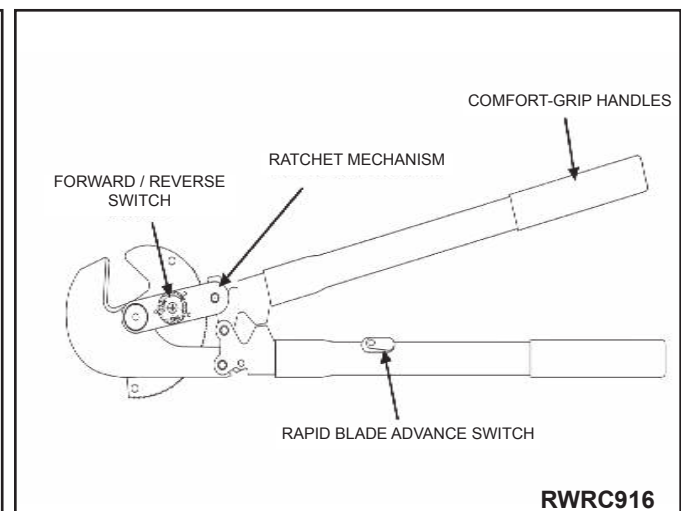
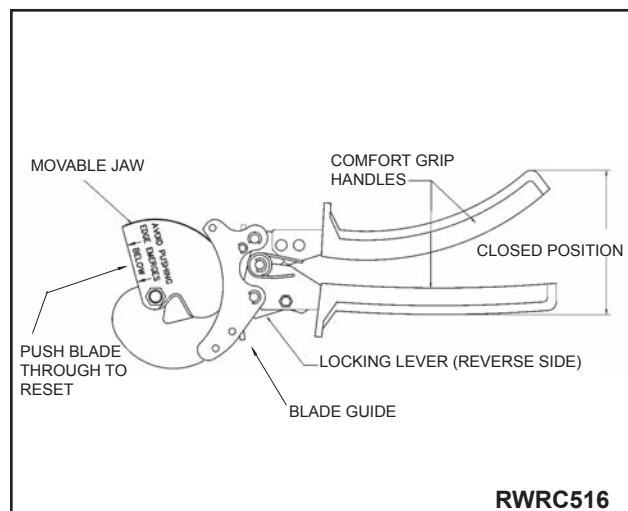
|                  |           |
|------------------|-----------|
| Weight:          | 120 lbs.  |
| Length:          | 10.0"     |
| Cutting Capacity |           |
| Mild Steel:      | 5/16" dia |
| Stainless Steel: | 1/4" dia  |

**RWRC916**

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



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



## 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

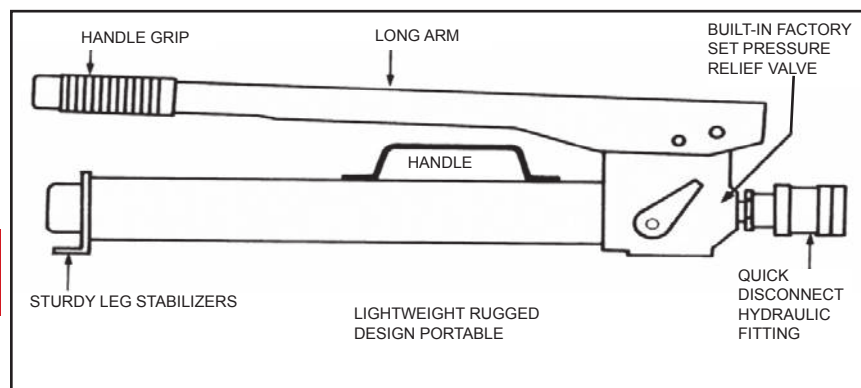
- Durable, long life expectancy
- Easy to transport and move tool around job site with built in handle
- Maximum mechanical advantage provided with long handle
- Solid tool base provided with sturdy broad leg stabilizers
- Save time with quick disconnect hydraulic fitting
- High quality crimps provided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

### SPECIFICATIONS

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

### FOR USE ON

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



### ACCESSORIES

|                        |                                           |
|------------------------|-------------------------------------------|
| Cat# <b>BP10PADKIT</b> | Extended leg pad stabilizers (w/hardware) |
|------------------------|-------------------------------------------|

## 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

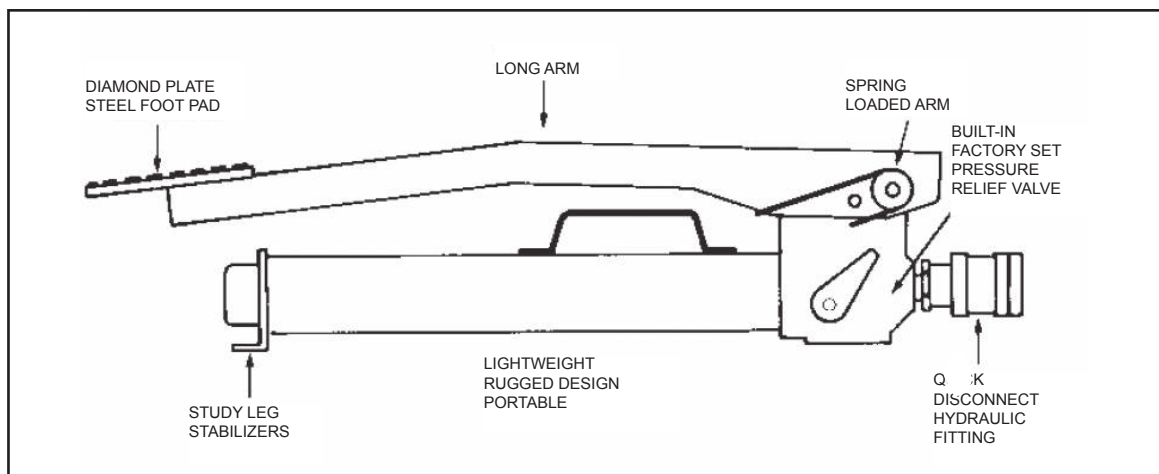
|                    |            |
|--------------------|------------|
| Reservoir volume:  | 1-1/8 qts. |
| Length:            | 24-3/4"    |
| Width:             | 5"         |
| Weight:            | 19 lbs     |
| Closed height:     | 6-1/2"     |
| Height:            | 17"        |
| (with handle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

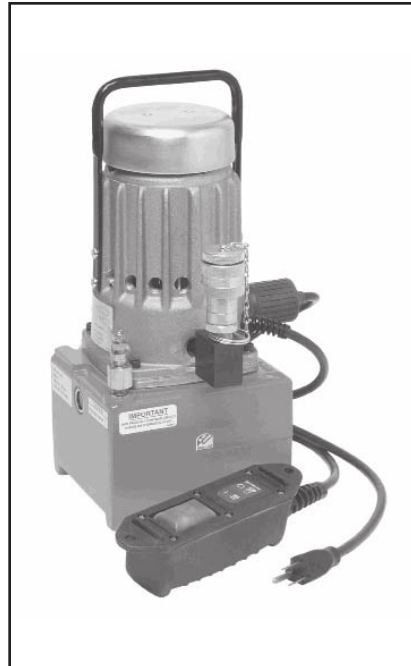


### Y10AC9

#### 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.



#### 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

#### SPECIFICATIONS

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

#### FOR USE ON

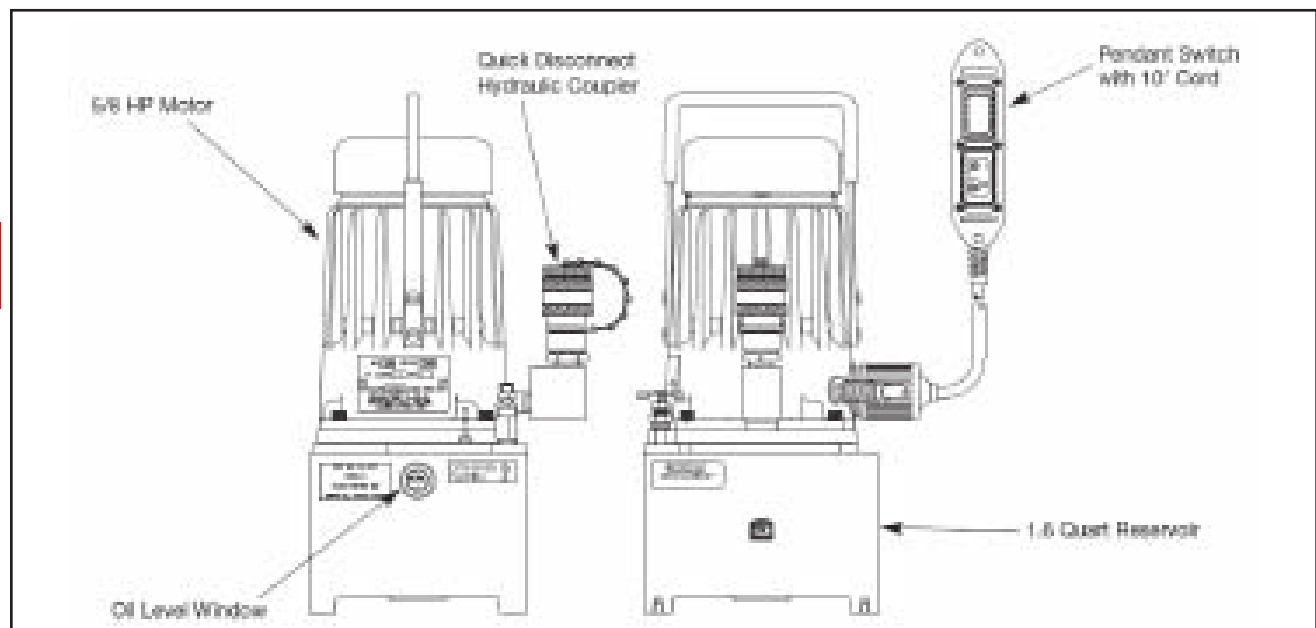
Y34BH, Y35BH, Y35BH4, Y39BH, Y45, Y46, Y46C, Y750BHXT, Y750CBHXT, Y644MBH, Y4PC834MBH, Y81KFTMBH, Y60BHU, RHCC129ACSR, RHCC245CUAL

#### ACCESSORIES

|                 |                                                    |
|-----------------|----------------------------------------------------|
| <b>YAC-CASE</b> | Steel carrying case with handle and locking latch. |
|-----------------|----------------------------------------------------|

|               |               |
|---------------|---------------|
| <b>YAC-FC</b> | Foot Control. |
|---------------|---------------|

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

|                          |                                    |
|--------------------------|------------------------------------|
| <b>Motor:</b>            | 115V-AC/60 Hz<br>1/2 HP @ 3450 RPM |
| <b>Maximum</b>           |                                    |
| <b>Current Draw:</b>     | 12.5 amperes                       |
| <b>Reservoir Volume:</b> | 2 quarts                           |
| <b>Height:</b>           | 16"                                |
| <b>Base:</b>             | 6" X 8"                            |
| <b>Weight:</b>           | 30 lbs                             |

### FOR USE ON

|              |        |                                                                                                                                     |
|--------------|--------|-------------------------------------------------------------------------------------------------------------------------------------|
| <b>EPP10</b> | 10,000 | Y34BH, Y35BH,<br>Y35BH-4, Y39BH,<br>Y45, Y46, Y46C,<br>Y60BHU, Y60LW,<br>Y644MBH,<br>Y750BHXT,<br>Y750CBHXT,<br>RHCC Series Cutters |
| <b>EPP6</b>  | 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

|                                  |                                     |
|----------------------------------|-------------------------------------|
| <b>Motor:</b>                    | 1/2 HP 115/230V-AC,<br>60 Cycle     |
| <b>Maximum<br/>Current draw:</b> | 10 amperes                          |
| <b>Reservoir Volume:</b>         | 8 quarts max.<br>2 quarts min.      |
| <b>Height:</b>                   | 17-1/2"                             |
| <b>Base:</b>                     | 11-3/4"X 18-1/2"                    |
| <b>Dry Weight:</b>               | 68 lbs<br>(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

|               |        |              |
|---------------|--------|--------------|
| <b>EPAC10</b> | 10,000 | Y34BH, Y35BH |
| <b>EPAC-6</b> | 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



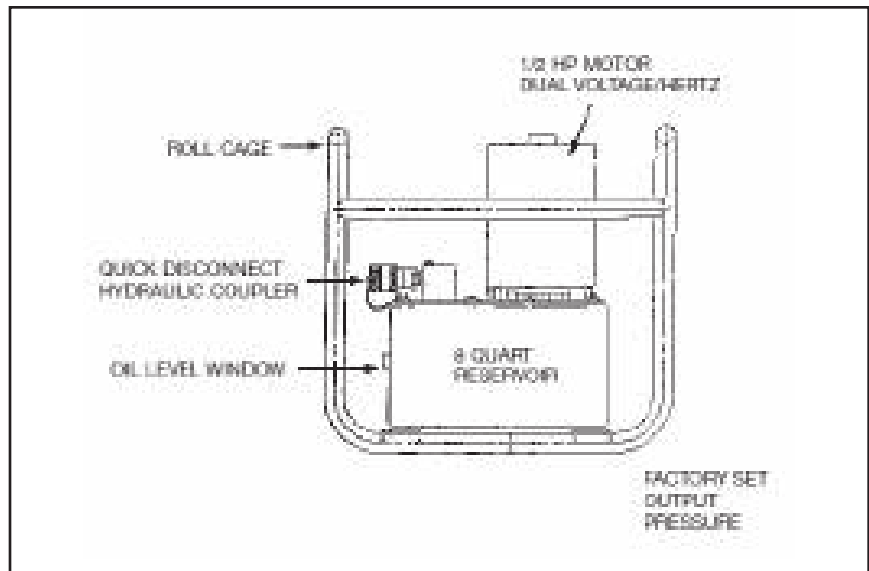
- Easy inspection of proper oil level is provided by see through window
- High quality crimps are achieved with built-in, factory set, pressure release valve and audible recycling of pump which signals completion of crimp
- 5-year limited warranty

### SPECIFICATIONS

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

### FOR USE ON

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



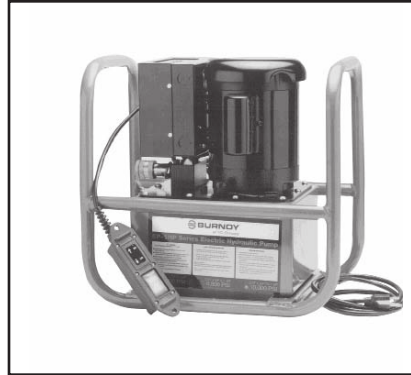
### EP10-1HP AND EP10-1HP-2

#### 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

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

#### FOR USE ON

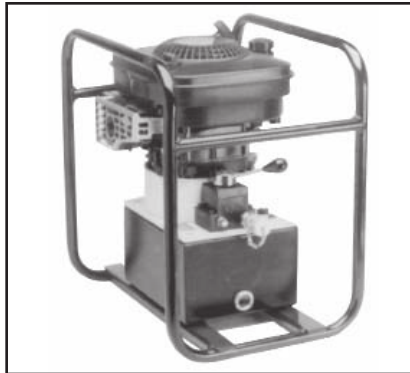
|                   |        |                                                                               |
|-------------------|--------|-------------------------------------------------------------------------------|
| <b>EP10-1HP</b>   | 10,000 | Y34BH, Y35BH,                                                                 |
| <b>AND</b>        |        | Y35BH-4, Y39BH,                                                               |
| <b>EP10-1HP-2</b> |        | Y45, Y46, Y46-C,<br>Y60BHU,<br>Y750BHXT,<br>Y750CBHXT, RHCC<br>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**

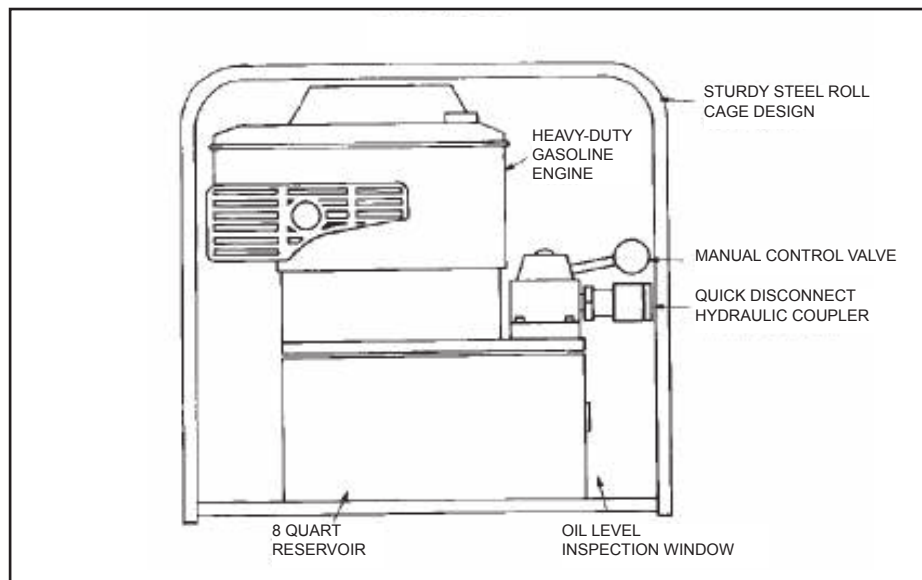
- Heavy duty gasoline engine
- Sturdy steel roll cage design
- Manual control valve
- Quick disconnect hydraulic coupler
- 8 quart reservoir
- Oil level inspection window
- Portable pump with sturdy steel roll cage
- Durable heavy-duty 4 H.P. engine for all HYPRESS™ applications and long life expectancy
- 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**

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

**FOR USE ON**

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



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.

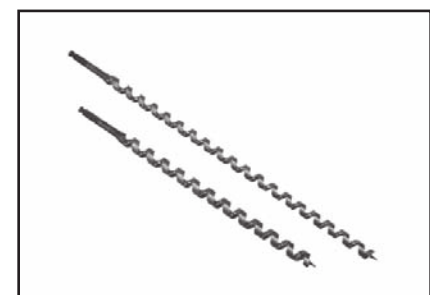
#### SPECIFICATIONS

|                     |                    |
|---------------------|--------------------|
| 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"              |

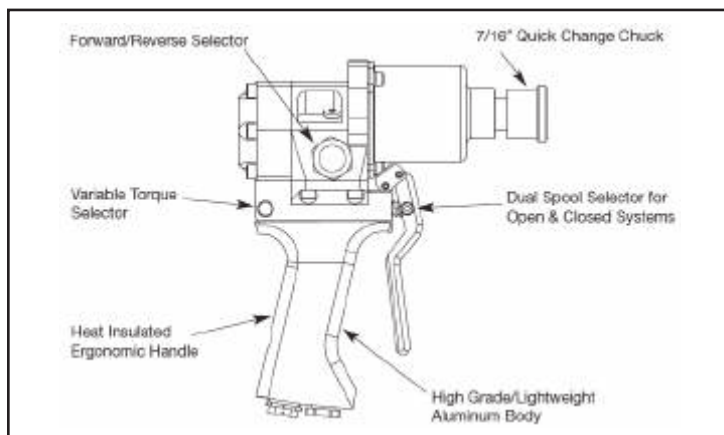
#### ACCESSORIES

| Cat. No.        | Description                                                       |
|-----------------|-------------------------------------------------------------------|
| 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**

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

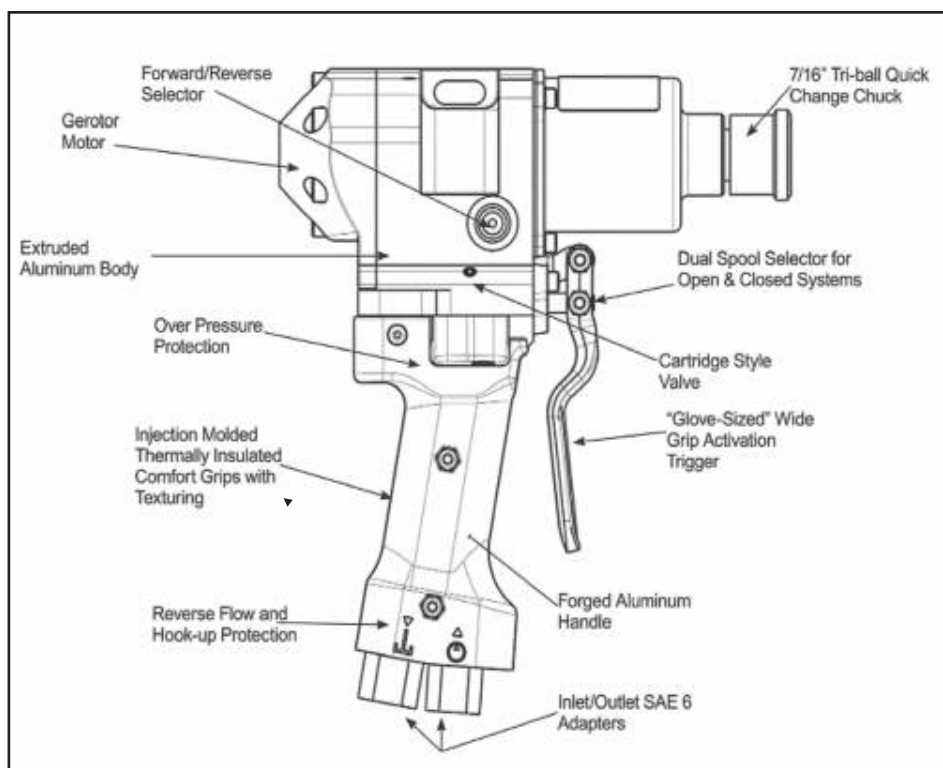
**LPHTHTMABODY66**

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



**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.

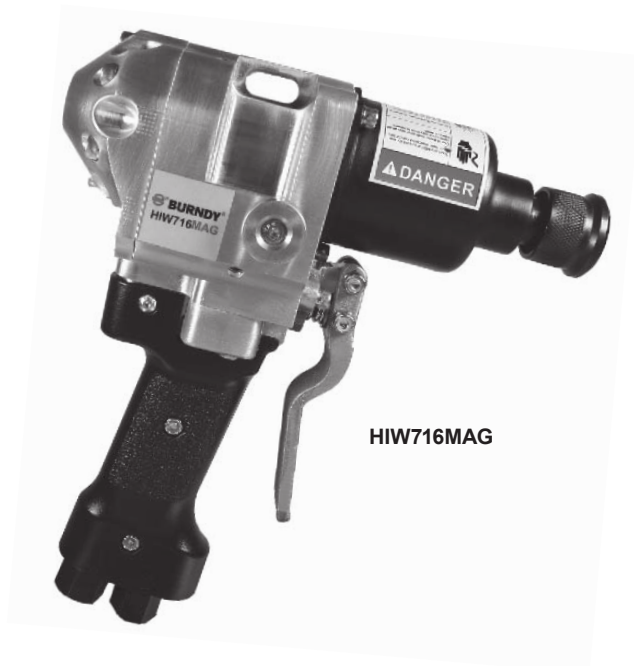
Each bit is designed for specific application requirements. This results in superior performance enabling the job to get done right the first time.

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**

|                              |                     |                                                       |                                                                                          |                                                                                                                                              |                                                                                                                                                                        |
|------------------------------|------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                              | <b>DOMINATOR</b>                                                                                     | <b>RAZOR</b>                                                                                                                           | <b>ELIMINATOR™</b>                                                                                                                                                         | <b>HOLLOW CORE</b>                                                                                                                                                                                                              | <b>SOLID CORE</b>                                                                                                                                                                                                                                         |
| <b>Material Drilled</b>      | Treated Wood                                                                                         | Treated Wood                                                                                                                           | Treated Wood                                                                                                                                                               | Fibreglass Composite                                                                                                                                                                                                            | Fibreglass Composite                                                                                                                                                                                                                                      |
| <b>TIP</b>                   | Hardened Steel                                                                                       | Hardened Steel                                                                                                                         | Carbide Tip                                                                                                                                                                | Carbide Tip                                                                                                                                                                                                                     | Carbide Tip                                                                                                                                                                                                                                               |
| <b>Features and Benefits</b> | Single flute<br>Aggressive lead screw<br>Very fast drilling<br>Cuts hardest of woods<br>Self-feeding | Single flute<br>Aggressive lead screw<br>Added "spur"<br>Fast drilling<br>Extra clean holes<br>No re-drilling required<br>Self feeding | Carbide tip<br>Single flute<br>Patented cutting geometry<br>Fast drilling<br>Very clean holes<br>Easy fastener insertion<br>Lowest cost/hole drilled<br>Can be refurbished | Specialized short flute<br>"Solid" body design<br>Carbide Tip<br>Engineered cutting tip<br>Designed for fiberglass<br>Cuts quickly and cleanly<br>No splinters<br>No melting<br>Drill both holes at once<br>Can be re-sharpened | Specialized long flute<br>"Fluted" body design<br>Carbide Tip<br>Engineered cutting tip<br>Designed for fiberglass<br>Cuts quickly and cleanly<br>No splinters<br>No melting<br>Removes debris quickly<br>Drill both holes at once<br>Can be re-sharpened |
| <b>HOLES*</b>                | 100+                                                                                                 | 100+                                                                                                                                   | 2000+                                                                                                                                                                      | 500+                                                                                                                                                                                                                            | 500+                                                                                                                                                                                                                                                      |

\*Approximate comparison of # holes drilled/bit



HIW716MAG

N-100

**Drilling Solutions**  
**Auger Bits**

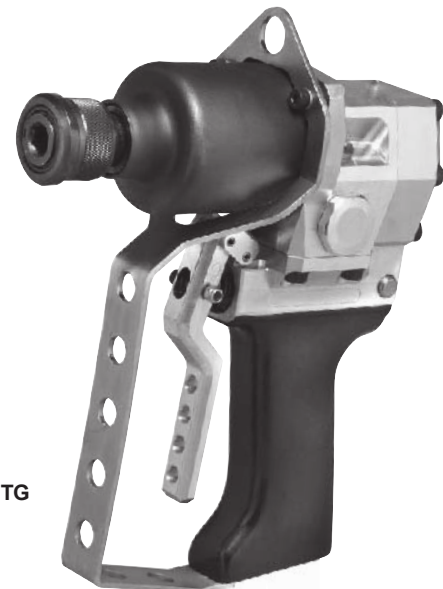
Auger Bits for Wood,  
Fiberglass, Composite Poles



**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

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### 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

|                            |                                      |
|----------------------------|--------------------------------------|
| <b>Flow Rate:</b>          | 3 - 9 GPM<br>(11 - 34 LPM)           |
| <b>Operating Pressure:</b> | 1,500 - 2,500 PSI<br>(103 - 172 BAR) |
| <b>Force Developed:</b>    | 12 Tons                              |
| <b>Weight:</b>             | 21 lbs (9.5 kg)                      |
| <b>Overall Length:</b>     | 20.65" (524 mm)                      |
| <b>Width:</b>              | 15" (381 mm)                         |
| <b>Jaw Opening:</b>        | 1.65" (42 mm)                        |
| <b>Max. Back Pressure:</b> | 250 PSI (17 BAR)                     |
| <b>Crimp Time:</b>         | Approximately<br>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. **LPHTHOSNCR66668**

8' non-conductive hose set

\*Cat No. **LPHTHOSNCR666610**

10' non-conductive hose set

Hydraulic Fittings:

Cat No. **LPHTHTMANOSE66**

Male coupler 3/8" HTMA

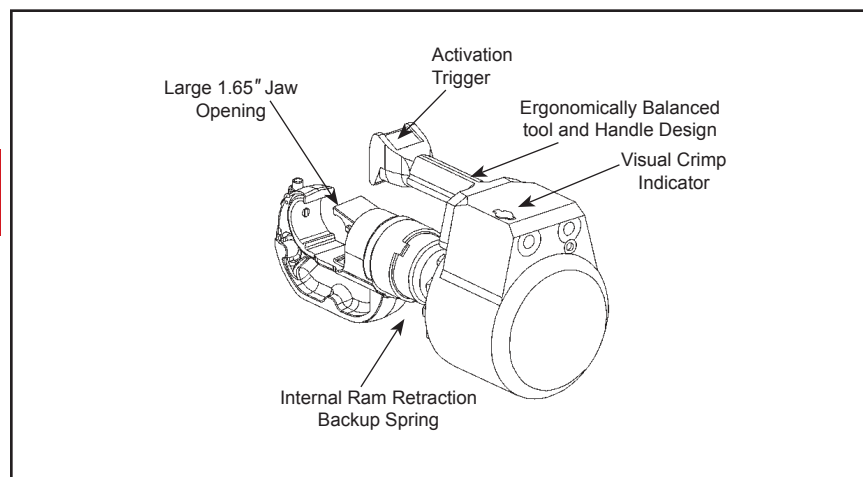
Cat No. **LPHTHTMABODY66**

Female coupler 3/8" HTMA

Cat No. **LPHTADPSMFOP66**

Swivel Adapter

\*These hoses are used with the  
**LPHTADPSMFOP66** swivel adapter.



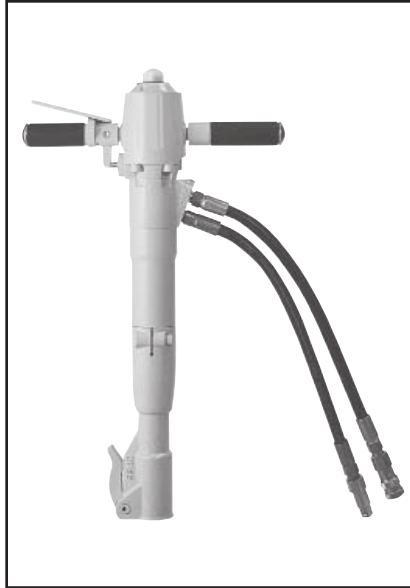
## HBR40

### 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

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

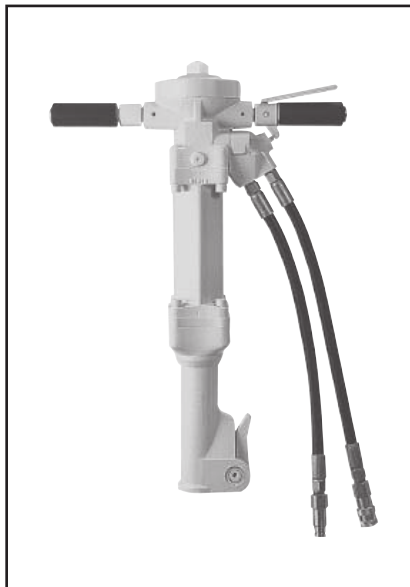
## HBR66

### 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

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

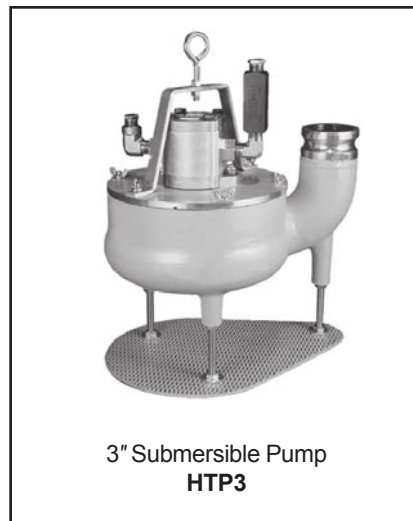
#### SPECIFICATIONS

##### HP3

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

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

### HP2HV (HIGH VOLUME)

#### 2" SUBMERSIBLE PUMPS

N-104

#### 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

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

#### ACCESSORIES

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

## HPTR1 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/in<sup>2</sup> 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.

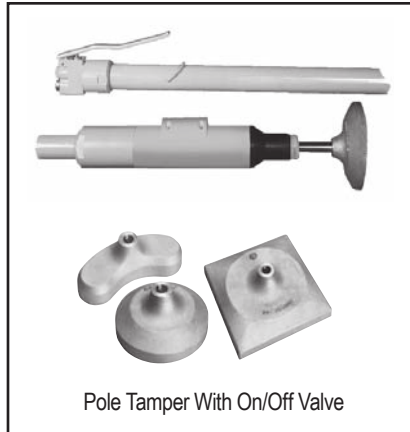
Cat # **TS-KD**: Kidney shoe, 3" x 8"  
(7.6 x 20.3 cm)

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**



Pole Tamper With On/Off Valve



Pole Tamper With No On/Off Valve

### 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

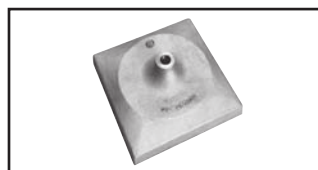
### SPECIFICATIONS

**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"<br>(152 cm) | 29 lbs.<br>(13 kg)   | HPT-59-R1       | 59"<br>(150 cm) | 26 lbs.<br>(12 kg) |
| HPT-72-R1         | 72"<br>(183 cm) | 30 lbs.<br>(14 kg)   | HPT-71-R1       | 71"<br>(180 cm) | 28 lbs.<br>(13 kg) |
| HPT-84-R1         | 84"<br>(213 cm) | 32 lbs.<br>(15 kg)   | HPT-83-R1       | 83"<br>(211 cm) | 31 lbs.<br>(14 kg) |
| HPT-96-R1         | 96"<br>(244 cm) | 34 lbs.<br>(15.4 kg) | —               | —               | —                  |



Kidney Shoe



Square Shoe



Round Shoe

### 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

|                            |                               |
|----------------------------|-------------------------------|
| <b>Flow:</b>               | 5-8 GPM<br>(19-30 LPM)        |
| <b>Pressure:</b>           | 1000-2000 PSI<br>(70-140 BAR) |
| <b>Operation:</b>          | Open/Closed center            |
| <b>Motor:</b>              | Gerotor                       |
| <b>Chain:</b>              | .325"<br>pitch anti-kick-back |
| <b>Tool ports:</b>         | #6 SAE O-Ring (F)             |
| <b>Max. Back pressure:</b> | 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.

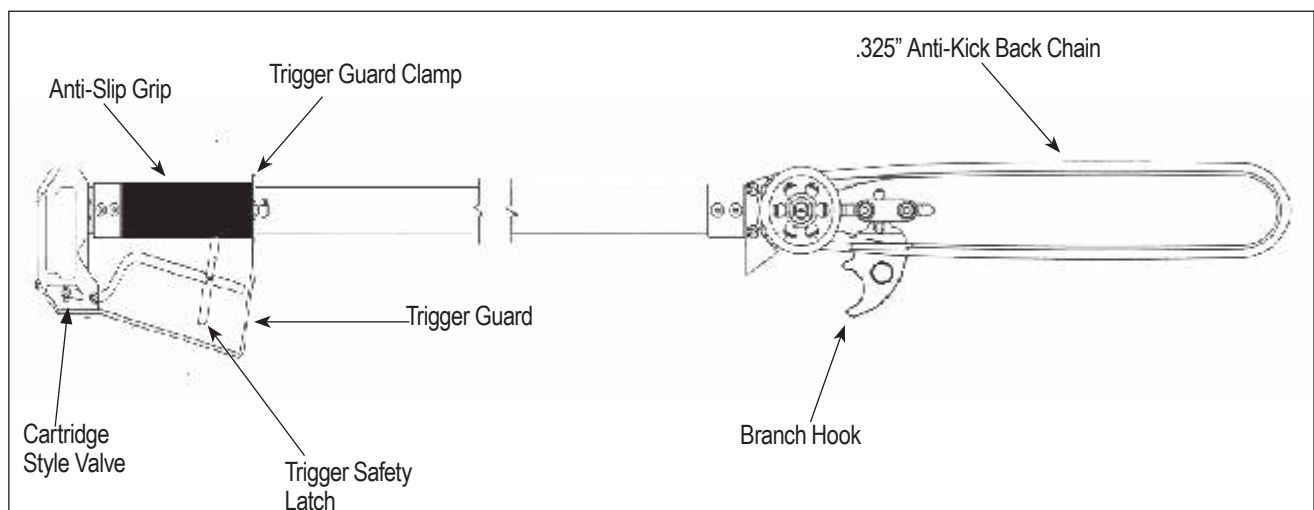


## SPECIFICATIONS

**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                                            |



## HPP18, HPP18-2

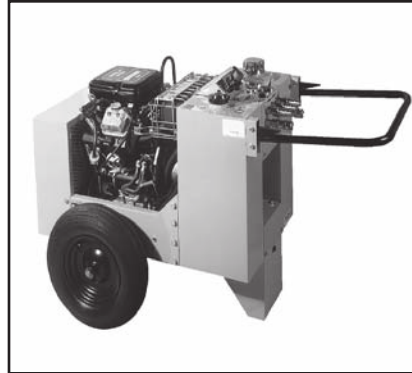
### HYDRAULIC POWER PACK

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

N-108

### 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) |
| <b>Auger Bits (call for many additional options)</b>          |                                                     |
| 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              |
| <b>Hoses (call for many additional options) red or orange</b> |                                                     |
| 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           |
| <b>Couplers (call for many additional options)</b>            |                                                     |
| 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                                |
| <b>Sockets</b>                                                |                                                     |
| 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**.



### 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.



#### 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. |

#### BKOM50125 SPECIFICATIONS

| Description                | Weight |
|----------------------------|--------|
| 1/2" - 1-1/4" Knockout Set | 3 lbs  |

#### ACCESSORIES

Components for the kit listed above can be purchased separately.

### 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

| Description              | Weight |
|--------------------------|--------|
| 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

| Description              | Weight |
|--------------------------|--------|
| 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.  |

### 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

| Description                                       | Weight |
|---------------------------------------------------|--------|
| 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.   |

**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 | 7-1/2 lbs |
| - head swivels 360°                             |           |

**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

| Description                            | Weight |
|----------------------------------------|--------|
| 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.

| 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 | —      | —      |

N-116

**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

**ACCESSORIES**

Components for kit listed above can be purchased separately.

**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.

### 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.  |

\* 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.

**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**

| Description                                           | Weight |
|-------------------------------------------------------|--------|
| 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.

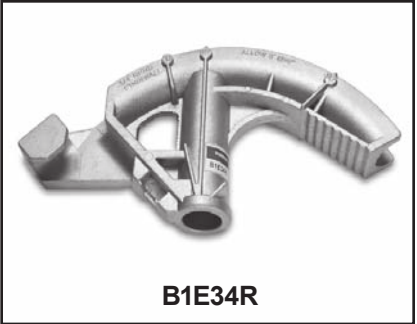
The conduit hand bender is provided with a 5-year limited warranty.

Features and Benefits

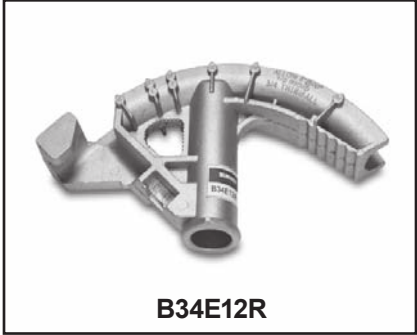
- All models include embossment with sight lines for 10°, 22°, 30°, 45°, 60° and 90°
- Industry standard markings — 30° bend when handle is straight up
- The non-slip foot pedal is contoured allowing more foot room
- 3/4" and 1" bender heads have levels which makes aligning easy
- Designed with a channel 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.

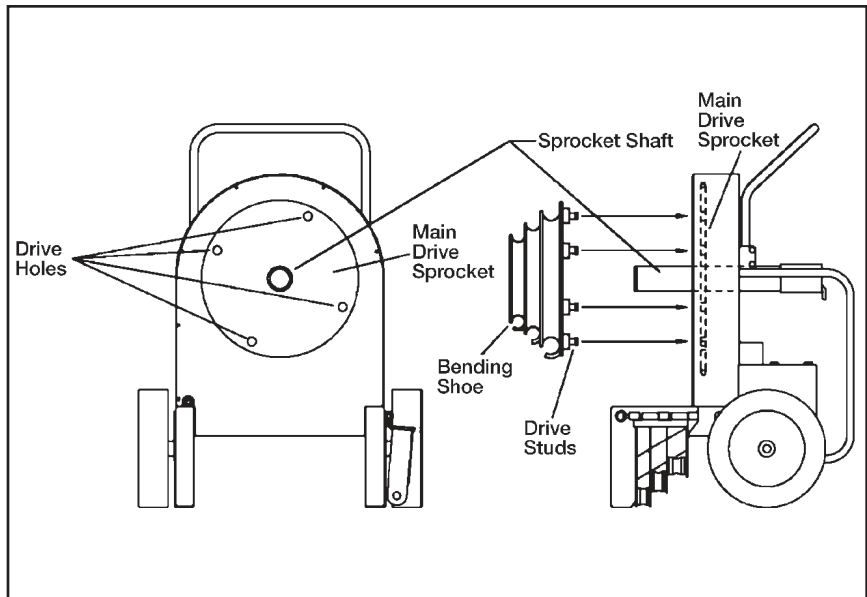
#### Features and Benefits

- 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

| Part Number | Description       | Weight |
|-------------|-------------------|--------|
| 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

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### 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

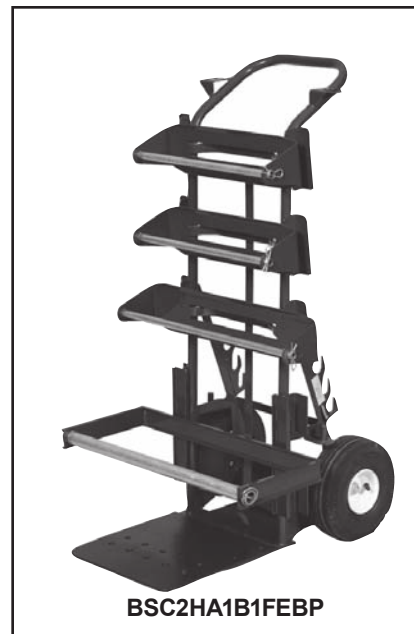
- Order as standard configuration or customize to your needs with various size racks
- Two holders provided for up to 1" conduit benders
- Built-in tray to hold fish tapes and tools
- Handles are pre-dimpled for mounting material tool boxes (MTB and MTX)
- Cart base plate is pre-punched to accommodate 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

|                |                                                                            |
|----------------|----------------------------------------------------------------------------|
| <b>EBP</b>     | Extension Base Plate with built-in wire guide                              |
| <b>MTB</b>     | Material Tool Box<br>11" L X 6" W X 5" D                                   |
| <b>MTX</b>     | Material Tool Box (MTB) with Dividers 6-Pockets:<br>3-5/8" L X 3" W X 3" D |
| <b>R17A</b>    | 17" wide rack for 7-1/2" diameter spools with 1/2" EMT spindles            |
| <b>R22B</b>    | 22" wide rack for 7-1/2" diameter spools with 1/2" EMT spindles            |
| <b>R17C*</b>   | 17" wide rack for 12" diameter spools with 1" EMT spindles                 |
| <b>R25D*</b>   | 25" wide rack for 12" diameter spools with 1" EMT spindles                 |
| <b>R24F*</b>   | 24" wide rack for 2-16" diameter reels with 1" EMT spindles                |
| <b>BSCWS40</b> | 40" Wall Wire Reel Storage System                                          |
| <b>BSCWS80</b> | 80" Wall Wire Reel Storage System                                          |

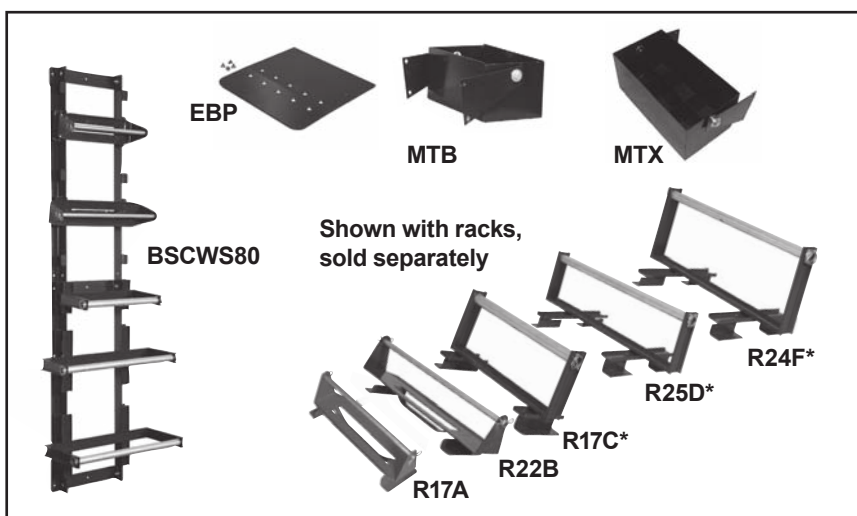


**BSC2H**



**BSC2HA1B1FEBP**

| Catalog Number        | Description                                                                    | Weight |
|-----------------------|--------------------------------------------------------------------------------|--------|
| <b>BSC2H</b>          | 2-Wheel Heavy Duty without racks                                               | 37 lbs |
| <b>BSC2H5A</b>        | 2-Wheel Heavy Duty with (5) R17A racks                                         | 62 lbs |
| <b>BSC2H3A2B</b>      | 2-Wheel Heavy Duty with (3) R17A racks and (2) R22B racks                      | 64 lbs |
| <b>BSC2H5B</b>        | 2-Wheel Heavy Duty with (5) R22B racks                                         | 67 lbs |
| <b>BSC2H1C2DEBP</b>   | 2-Wheel Heavy Duty with (1) R17C rack, (2) R25D racks and (1) EBP              | 86 lbs |
| <b>BSC2H2C1DEBP</b>   | 2-Wheel Heavy Duty with (2) R17C racks, (1) R25D rack and (1) EBP              | 82 lbs |
| <b>BSC2H2A1B1FEBP</b> | 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**

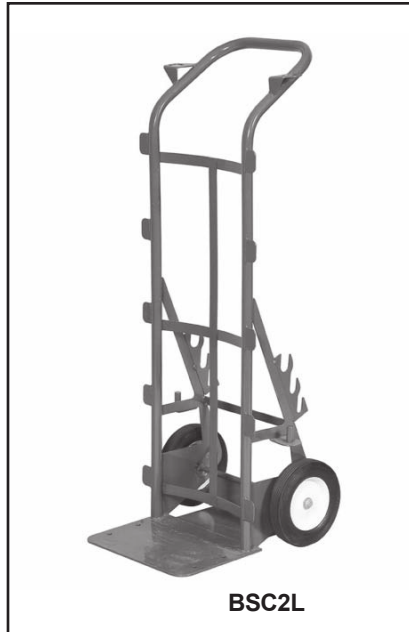
The SmartCart® is a versatile wire management system consisting of 2 wheeled carts, various modular wire racks for carrying spools of wire and wall storage units to organize and store racks with wire when not in use. The SmartCart® wire management system will assist the electrical contractor with wire 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**

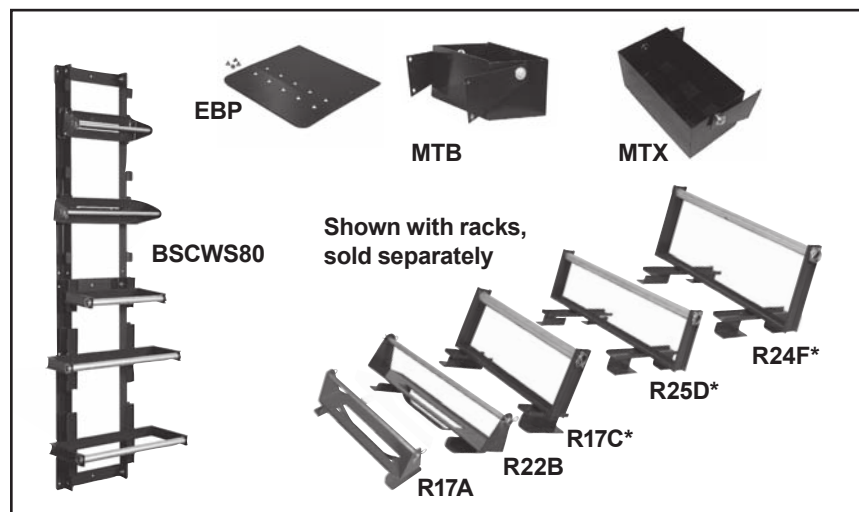
- Order as standard configuration or customize to your needs with various size racks
- Two holders provided for up to 1" conduit benders
- Built-in tray to hold fish tapes and tools
- Handles are pre-dimpled for mounting material tool boxes (MTB and MTX)
- Cart base plate is pre-punched to accommodate 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 |
|---------------------|-------------------------------------------------------------------|--------|
| <b>BSC2L</b>        | 2-Wheel Light Duty without racks                                  | 37 lbs |
| <b>BSC2L5A</b>      | 2-Wheel Light Duty with (5) R17A racks                            | 62 lbs |
| <b>BSC2L3A2B</b>    | 2-Wheel Light Duty with (3) R17A racks and (2) R22B racks         | 64 lbs |
| <b>BSC2L5B</b>      | 2-Wheel Light Duty with (5) R22B racks                            | 67 lbs |
| <b>BSC2L1C2DEBP</b> | 2-Wheel Light Duty with (1) R17C rack, (2) R25D racks and (1) EBP | 86 lbs |
| <b>BSC2L2C1DEBP</b> | 2-Wheel Light Duty with (2) R17C racks, (1) R25D rack and (1) EBP | 82 lbs |

**ACCESSORIES**

|                |                                                                            |
|----------------|----------------------------------------------------------------------------|
| <b>EBP</b>     | Extension Base Plate with built-in wire guide                              |
| <b>MTB</b>     | Material Tool Box<br>11" L X 6" W X 5" D                                   |
| <b>MTX</b>     | Material Tool Box (MTB) with Dividers 6-Pockets:<br>3-5/8" L X 3" W X 3" D |
| <b>R17A</b>    | 17" wide rack for 7-1/2" diameter spools with 1/2" EMT spindles            |
| <b>R22B</b>    | 22" wide rack for 7-1/2" diameter spools with 1/2" EMT spindles            |
| <b>R17C*</b>   | 17" wide rack for 12" diameter spools with 1" EMT spindles                 |
| <b>R25D*</b>   | 25" wide rack for 12" diameter spools with 1" EMT spindles                 |
| <b>R24F*</b>   | 24" wide rack for 2-16" diameter reels with 1" EMT spindles                |
| <b>BSCWS40</b> | 40" Wall Wire Reel Storage System                                          |
| <b>BSCWS80</b> | 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.

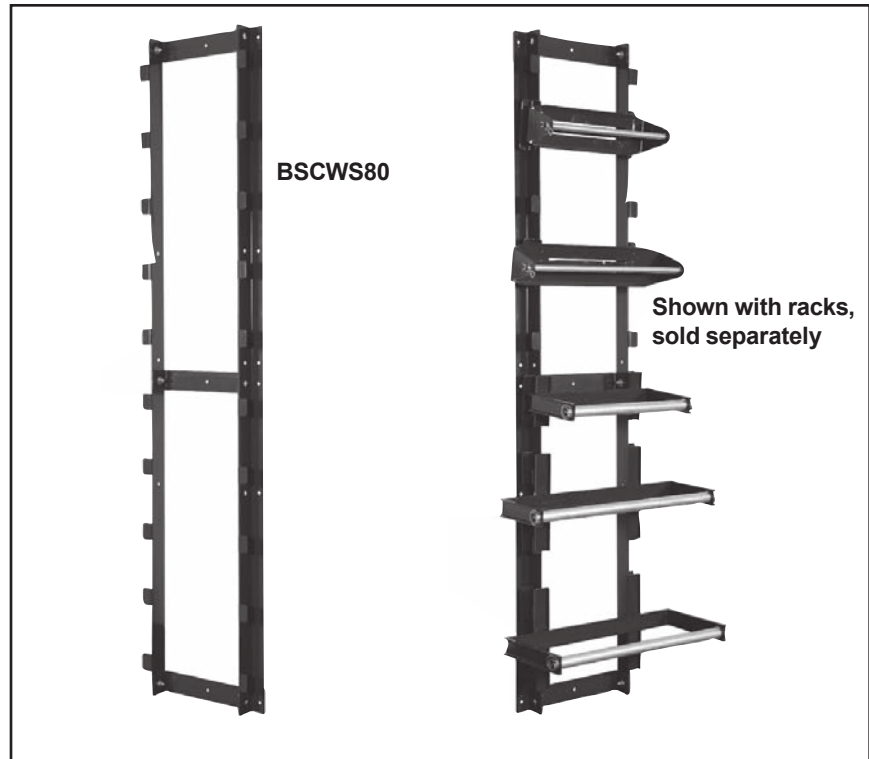
Provides a time saving advantage by storing wire on racks which can be easily moved to 2 wheel carts for transporting and wire pulling.

#### 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®.

