

# Tooling Solutions



**TABLE OF CONTENTS****Introduction****Crimpers — Battery Actuated**

PAT46LWSLI  
PAT46LWLI  
PAT750LI  
PAT750KLI  
PAT644LI  
PAT81KFTLI  
PAT4PC834LI  
PAT600LI  
PAT500SJ6LI Series  
PATMD6LI Series  
PATMD6LIWCJ Series  
PATMD6LICUTKIT1 Series  
CSMD6LI Series

**Crimpers — Self-Contained Hydraulic**

Y750HSXT  
Y35  
Y39  
Y644HSXT  
Y81KFT  
Y4PC834  
Y500CTHS

**Crimpers — Remote Hydraulic**

Y60LW  
Y60BHU  
Y46LWSBH  
Y46LWBH  
Y45  
Y750BHXT  
Y35BH  
Y39BH  
Y644MBH  
Y81KFTMBH  
Y4PC834MBH  
Y34BH  
Y29BH

**IMPORTANT NOTES:**

Unless noted, product is not recommended for use on energized lines.

Note for all Battery operated crimpers and cutters;  
it is recommended that battery be removed :

- when changing jaws
- when changing dies
- storing tool in case

Select battery operated tools are available in alternate versions :

- Lithium-Ion
  - AC
  - DC
  - LCB (Less Charger and Batteries)
- Nickel Metal Hydride
  - AC
  - DC
  - 250 Volt

Contact Customer Service for more information

**Crimpers — Mechanical & Ratchet**



Y10D  
Y1022  
Y2210FL  
YFTOOL Series  
Y8MRB1  
MR8 Series  
Y10MRSA1  
MRE1022 Series  
MR Series  
MR4C  
Y1MRTC  
Y122CMR  
Y122CMR Kits  
M8ND  
MRC840 Series  
MY28/MY29 Series  
OH25  
OUR840  
MD6 Series  
MD7 Series  
MD734R



**Crimpers — OEM**



Y46OEM12T  
Y46OEM11T  
OEM840NCP  
Y6NCP1  
Y6NCP1SD  
Y29NC

**Dies, Die Kits**



60-Ton Dies (HPS/Fargo-equivalent)  
12-Ton U Dies  
U Die Kit Series  
UM-Style Dies  
W Dies  
W Die Kit Series

**Cutters — Battery Actuated****PATCUT4CUALLI****PATHCC10-18V****PATCUT2156LI****PATCUT129LI****PATCUT245LI****PAT500SJCUTLI Series****PATMDCUTLI Series****PATMDLLIF Series — COMING SOON!****BCC1000CUAL****Cutters — Self-Contained Hydraulic****YCUT129ACSR****Cutters — Remote Hydraulic****RHCC4CUAL****RHCC10 Series****RHCC2156ACSR****RHCC129ACSR****RHCC245CUAL****Cutters — Mechanical & Ratchet****MCC Series****RCC Cu/Al Series****RCC Cu/Al & ACSR Series****RWRC Series****Hydraulic Pumps****Y10AC9****EPP10****EP10****EPAC10****HP10****FP10****GP10****Hydraulic Hoses; Pump Accessories****Hydraulic Hoses****Pump Accessories**



**Accessories**  
W Die Related  
MD6 / MD7 Related  
Miscellaneous Accessories



**Gauges**  
FORCEGAUGE1215  
PT292792  
WIREMIKE

**Adjustable Ratchet Torque Tools**



**WEJTAP™ Installation Tooling**  
Tools and Accessories  
Hotstick Accessories  
Accessories and Kits



**Auger Bits**  
Design Selection  
Part Number Chart



**Low Pressure Hydraulic**  
HIW716ENF Impact Wrench  
HIW716MAG Impact Wrench  
LPHY750XT Crimper  
HBR Series Breakers  
Submersible Pumps  
HPT-R1 Series Tampers  
HHS Series Hand Saws  
HPS Series Pole Saws  
HPS-LW Series Pole Saws  
HPP Series Power Packs  
Low Pressure Hydraulic Accessories



**Knockout Sets**  
Mechanical & Ratchet  
Self-Contained Hydraulic  
Hydraulic with Pump



**Benders**

**Hand Benders**

**Electric Benders**

**Expanded Cable Range Information**

**4-POINT® Series**

**Y644 Series**

**Die Index Reference**

## 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 or 603-621-4499). 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 majority 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. See specific tool page for length of warranty. If inspection by a certified 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

### 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 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.

**PAT46LWSLI****15-Ton, Light Weight C-Head**  
Hydraulic Self-Contained, 18V Lithium-Ion

- 2" jaw opening
- Used with P dies; U dies with PUADP1 adapter (sold separately)
- Light weight, scoop style C-head with 355° head rotation
- Overmolded, ergonomic handle
- Improved ergonomic balance
- Includes 2 batteries, charger, and polymer carrying case

**For Use On:****Copper - #8 AWG Str. - 1500 kcmil**

Code Cable, Navy Cable, Flexible, Extra Flexible  
1/2" - 1" Ground Rods

**Terminals, grounding:**

to 500 kcmil; YGA, YGHA, YGF

**Terminals, uninsulated:**

#8 - 1500 kcmil; YA, YA-2N, YA-L, YA-LB, YA-TC,  
YA-2LN, YAB-4N, YAV-L, YAV-RS, YA-TC-FX

**Terminals, insulated:**

#8 - 2/0; YAEV-L, YAEV-H, YAEV-RS, YAEV-RH

**Splices:**

#8 - 1500 kcmil; YS, YS-T, YS-L, YS-LB, YST,  
YSP-T, YGS, YGHS

**Taps:**

#14 - 1000 kcmil; YH, YCHC  
to 4/0 AWG; YC-C

**Taps, grounding:**

to 500 kcmil; YGHC-C, YGHP-C, YGHR-C

**Aluminum - #8 AWG - 1250 kcmil**

Code Cables

**Terminals:** YA-A, AYP, AYPO

**Splices:** YS-A, YS-AT, YRB

**Taps:** YFD, YFN, YFO, YFR

**ACSR** - see Overhead Transmission & Distribution

Sections H & I of the current BURNNDY® Master Catalog

**Specifications:**

<b>Output Force:</b>	15 Tons
<b>Tool Weight:</b>	18.9 lbs
<b>Size:</b>	18.00" x 14.00" x 3.00"
<b>Die Style:</b>	P and U style (with PUADP1)
<b>Jaw Opening:</b>	2.00"
<b>Operating Voltage:</b>	18 V-DC Lithium-Ion
<b>Recharge Time:</b>	30 minutes
<b>Warranty:</b>	5 year limited warranty Lifetime warranty on INFINITY DRIVE® 1 year on batteries and charger

**Accessories:**

<b>P15K:</b>	Cutter Die, max. diameter 1.2"
<b>PUADP1:</b>	U Die Adapter
<b>BAT18VLI:</b>	Hi-capacity Li-Ion (3.0 AH)
<b>PATCHGRLI:</b>	120V-AC Charger
<b>PATCHGRLIDC:</b>	12/24V-DC Charger
<b>PT208620:</b>	Lanyard

**Variations:**

<b>PAT46CLWSLI</b>	PAT46LWSLI with rubber covered head
<b>PAT46LWSLILCB</b>	Tool, no charger, no batteries

# Tooling

## Crimpers — Battery Actuated



### PAT46LWLI

#### 15-Ton, Light Weight Latch Head

Hydraulic Self-Contained, 18V Lithium-Ion

- 2" jaw opening
- Used with P dies; U dies with PUADP1 adapter (sold separately)
- Light weight, Latch-head
- 355° head rotation
- Ergonomically balanced
- Includes 2 batteries, charger, and polymer carrying case

#### For Use On:

##### Copper - #8 AWG Str. - 1500 kcmil

Code Cable, Navy Cable, Flexible, Extra Flexible  
1/2" - 1" Ground Rods

##### Terminals, grounding:

to 500 kcmil; YGA, YGHA, YGF

##### Terminals, uninsulated:

#8 - 1500 kcmil; YA, YA-2N, YA-L, YA-LB, YA-TC,  
YA-2LN, YAB-4N, YAV-L, YAV-RS, YA-TC-FX

##### Terminals, insulated:

#8 - 2/0; YAEV-L, YAEV-H, YAEV-RS, YAEV-RH

##### Splices:

#8 - 1500 kcmil; YS, YS-T, YS-L, YS-LB, YST,  
YSP-T, YGS, YGHS

##### Taps:

#14 - 1000 kcmil; YH, YCHC  
to 4/0 AWG; YC-C

##### Taps, grounding:

to 500 kcmil; YGHC-C, YGHP-C, YGHR-C

##### Aluminum - #8 AWG - 1250 kcmil

Code Cables

**Terminals:** YA-A, AYP, AYPO

**Splices:** YS-A, YS-AT, YRB

**Taps:** YFD, YFN, YFO, YFR

**ACSR** - see Overhead Transmission & Distribution

Sections H & I of the current BURNDY® Master Catalog



#### Specifications:

<b>Output Force:</b>	15 Tons
<b>Tool Weight:</b>	16.8 lbs
<b>Size:</b>	18.75" x 13.75" x 3.75"
<b>Die Style:</b>	P and U style (with PUADP1)
<b>Jaw Opening:</b>	2.00"
<b>Operating Voltage:</b>	18 V-DC Lithium-Ion
<b>Recharge Time:</b>	30 minutes
<b>Warranty:</b>	5 year limited warranty Lifetime warranty on INFINITY DRIVE® 1 year on batteries and charger

#### Accessories:

<b>P15K:</b>	Cutter Die, max. diameter 1.2"
<b>PUADP1:</b>	U Die Adapter
<b>BAT18VLI:</b>	Hi-capacity Li-Ion (3.0 AH)
<b>PATCHGRLI:</b>	120V-AC Charger
<b>PATCHGRLIDC:</b>	12/24V-DC Charger
<b>PT208620:</b>	Lanyard

#### Variations:

**PAT46LWLILCB** Tool, no charger, no batteries

US: 1-800-346-4175 / International: 1-603-647-5299 / Canada: 1-800-387-6487 / [www.burndy.com](http://www.burndy.com)

# PAT750LI

## 12-Ton, C-Head

Hydraulic Self-Contained, 18V Lithium-Ion

- 1.65" jaw opening
- Used with U dies
- C-head with 355° head rotation
- Bearing/alignment guide for HYGROUND® as well as other asymmetrical connectors
- Includes 2 batteries, charger, and polymer carrying case

### For Use On:

#### Tension Sleeves

Copper	#8 sol. - 500 kcmil
Aluminum	#8 sol. - 587.2 kcmil
ACSR	#4 - 556.5 kcmil

#### Taps

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

#### Aerial Cable

Copper	#6 - 500 kcmil
--------	----------------

#### Terminals & Splices

Copper	#8 - 750 kcmil
Aluminum	#8 - 750 kcmil
ACSR	#4 - 556 kcmil

#### HYGROUND® (Compression Grounding)

Copper	#8 - 500 kcmil
Ground Rods	1/2" - 1" diameter



*Wide U-dies (sold separately) can be used with long barrel terminals and splices saving time and labor!*



### Specifications:

<b>Output Force:</b>	12 Tons
<b>Tool Weight:</b>	15.7 lbs
<b>Size:</b>	15.75" x 13.50" x 3.50"
<b>Die Style:</b>	U style
<b>Jaw Opening:</b>	1.65"
<b>Operating Voltage:</b>	18 V-DC Lithium-Ion
<b>Recharge Time:</b>	30 minutes
<b>Warranty:</b>	5 year limited warranty Lifetime warranty on INFINITY DRIVE® 1 year on batteries and charger

### Accessories:

<b>BAT18VLI:</b>	Hi-capacity LI battery (3.0 AH)
<b>PATCHGRLI:</b>	120V-AC Charger
<b>PATCHGRILDC:</b>	12/24V-DC Charger
<b>PT208620:</b>	Lanyard

### Variations:

<b>PAT750CLI</b>	PAT750LI with rubber covered head
<b>PAT750KLI</b>	PAT750LI with KEARNEY™ style head used with KEARNEY™ WH1 and WH2 and BURNDY U dies with KUADP adapter (sold separately)
<b>PAT750LILCB</b>	Tool, no charger, no batteries

Ni-MH platform is also available:

<b>PAT750XT18V</b>	Ni-MH battery version
<b>PAT750CXT18V</b>	PAT750XT18V (Ni-MH) with rubber covered head

US: 1-800-346-4175 / International: 1-603-647-5299 / Canada: 1-800-387-6487 / [www.burndy.com](http://www.burndy.com)

Electronic Update November 2015

# Tooling

## Crimpers — Battery Actuated



# PAT750KLI

## 12-Ton, KEARNEY™ Style Head Hydraulic Self-Contained, 18V Lithium-Ion

- 355° head rotation; 1.50" jaw opening
- Uses KEARNEY™ WH1 and WH2 dies
- Used with BURNDY U dies with KUADP adapter (sold separately)
- Spring loaded die buttons (push, insert, release)
- Includes 2 batteries, charger, and polymer carrying case

### For Use On:

#### Tension Sleeves

Copper	#8 sol. - 500 kcmil
Aluminum	#8 sol. - 587.2 kcmil
ACSR	#4 - 556.5 kcmil

#### Taps

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

#### Aerial Cable

Copper	#6 - 500 kcmil
--------	----------------

#### Terminals & Splices

Copper	#8 - 750 kcmil
Aluminum	#8 - 750 kcmil
ACSR	#4 - 556 kcmil

#### HYGROUND® (Compression Grounding)\*

Copper	#8 - 500 kcmil
Ground Rods	1/2" - 1" diameter

\*KUADP adapter and correct BURNDY U die required for installing HYGROUND® connectors



*KUADP adapter shown  
with U660 die set*

*(All die sets and  
KUADP are sold  
separately)*



### Specifications:

<b>Output Force:</b>	12 Tons
<b>Tool Weight:</b>	15.7 lbs
<b>Size:</b>	15.75" x 13.50" x 3.50"
<b>Die Style:</b>	KEARNEY™ WH1 and WH2 BURNDY U style with KUADP (sold separately)
<b>Jaw Opening:</b>	1.50"
<b>Operating Voltage:</b>	18 V-DC Lithium-Ion
<b>Recharge Time:</b>	30 minutes
<b>Warranty:</b>	5 year limited warranty Lifetime warranty on INFINITY DRIVE® 1 year on batteries and charger

### Accessories:

<b>BAT18VLI:</b>	Hi-capacity LI battery (3.0 AH)
<b>PATCHGRLI:</b>	120V-AC Charger
<b>PATCHGRLIDC:</b>	12/24V-DC Charger
<b>PT208620:</b>	Lanyard
<b>KUADP:</b>	Adapter necessary to use U style dies

US: 1-800-346-4175 / International: 1-603-647-5299 / Canada: 1-800-387-6487 / [www.burndy.com](http://www.burndy.com)

**PAT644LI****11-Ton, Latch Head**

Hydraulic Self-Contained, 18V Lithium-Ion

- Dieless system
- Range taking capabilities
- 355° head rotation
- Ergonomically balanced
- Includes 2 batteries, charger, and polymer carrying case

**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 - 900 kcmil

**Terminals:** YA-A, YA-A-TN**Splices:** YS-A**HYPLUG™:** AYP, AYPO*See Expanded Range details in Reference Section***Variations:****PAT644LILCB** Tool, no charger, no batteries

Ni-MH platform is also available:

**PAT644XT18V** Ni-MH battery version**Specifications:**

<b>Output Force:</b>	11 Tons
<b>Tool Weight:</b>	16.3 lbs
<b>Size:</b>	15.62" x 14.12" x 3.25"
<b>Die Style:</b>	Dieless
<b>Operating Voltage:</b>	18 V-DC Lithium-Ion
<b>Recharge Time:</b>	30 minutes
<b>Warranty:</b>	5 year limited warranty Lifetime warranty on INFINITY DRIVE® 1 year on batteries and charger

**Accessories:**

<b>BAT18VLI:</b>	Hi-capacity LI battery (3.0 AH)
<b>PATCHGRLLI:</b>	120V-AC Charger
<b>PATCHGRLLDC:</b>	12/24V-DC Charger
<b>PT208620:</b>	Lanyard

# Tooling

## Crimpers — Battery Actuated



# PAT81KFTLI

## 6-Ton, 4-POINT® Dieless Latch Head Hydraulic Self-Contained, 18V Lithium-Ion

- Dieless system
- Range taking capabilities
- 360° head rotation
- Mechanical ram release (no battery consumption)
- Includes 2 batteries, charger, and polymer carrying case

### 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  
**HYPLUG™:** AYP, AYPO

*See Expanded Range details in Reference Section*

### Variations:

**PAT81KFTLILCB** Tool, no charger, no batteries

Ni-MH platform is also available:

**PAT81KFT18V** Ni-MH battery version



### Specifications:

<b>Output Force:</b>	6 Tons
<b>Tool Weight:</b>	13.2 lbs
<b>Size:</b>	15.62" x 14.12" x 3.25"
<b>Die Style:</b>	Dieless
<b>Operating Voltage:</b>	18 V-DC Lithium-Ion
<b>Recharge Time:</b>	30 minutes
<b>Warranty:</b>	5 year limited warranty Lifetime warranty on INFINITY DRIVE® 1 year on batteries and charger

### Accessories:

<b>BAT18VLI:</b>	Hi-capacity LI battery (3.0 AH)
<b>PATCHGRLI:</b>	120V-AC Charger
<b>PATCHGRLIDC:</b>	12/24V-DC Charger
<b>PT208620:</b>	Lanyard

US: 1-800-346-4175 / International: 1-603-647-5299 / Canada: 1-800-387-6487 / [www.burndy.com](http://www.burndy.com)

Electronic Update November 2015

**PAT4PC834LI****6-Ton, 4-POINT® Dieless, C-Head**  
Hydraulic Self-Contained, 18V Lithium-Ion

- Dieless system
- Range taking capabilities
- 360° head rotation
- Ergonomically balanced
- Includes 2 batteries, charger, and polymer carrying case

**For Use On:**

## Copper

**Terminals:** YA, YA-L (#8-1000 kcmil)**Splices:** YS-L, YS, YS-T, Y-R (#8-500 kcmil)

## Copper Flex

**Terminals:** YA-FX, YAV, YA-L-FX (#8-777.7 Flex)**Splices:** YS, YSV-FXB (#8-500 kcmil)

## Aluminum

**Terminals:** YA-A, YA-A-TN (#8-750 kcmil)**Splices:** YS-A (#8-350 kcmil)**HYPLUG™:** AYP, AYPO (#8-750 kcmil)*See Expanded Range details in Reference Section***Variations:****PAT4PC834LILCB** Tool, no charger, no batteries

Ni-MH platform is also available:

**PAT4PC83418V** Ni-MH battery version**Specifications:**

<b>Output Force:</b>	6 Tons
<b>Tool Weight:</b>	13.0 lbs
<b>Size:</b>	15.62" x 14.12" x 3.25"
<b>Die Style:</b>	Dieless
<b>Operating Voltage:</b>	18 V-DC Lithium-Ion
<b>Recharge Time:</b>	30 minutes
<b>Warranty:</b>	5 year limited warranty Lifetime warranty on INFINITY DRIVE® 1 year on batteries and charger

**Accessories:**

<b>BAT18VLI:</b>	Hi-capacity LI battery (3.0 AH)
<b>PATCHGRLLI:</b>	120V-AC Charger
<b>PATCHGRLLDC:</b>	12/24V-DC Charger
<b>PT208620:</b>	Lanyard

# Tooling

## Crimpers — Battery Actuated



### PAT600LI

#### 6-Ton, Latch Head

Hydraulic Self-Contained, 18V Lithium-Ion

- Permanent functional D3 groove (no die needed)
- Uses W, X, W-VT style dies
- 180° head rotation
- Enhanced clearance for tap connections
- Includes 2 batteries, charger, and polymer carrying case

#### 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

#### Variations:

**PAT600CLI** PAT600LI with rubber covered head

**PAT600LILCB** Tool, no charger, no batteries

Ni-MH platform is also available:

**PAT60018V** Ni-MH battery version

**PAT600C18V** PAT60018V (Ni-MH) with rubber covered head



#### Specifications:

<b>Output Force:</b>	6 Tons
<b>Tool Weight:</b>	10.1 lbs
<b>Size:</b>	14.50" x 13.75" x 3.50"
<b>Die Style:</b>	W, V, W-VT style dies
<b>Operating Voltage:</b>	18 V-DC Lithium-Ion
<b>Recharge Time:</b>	30 minutes
<b>Warranty:</b>	5 year limited warranty Lifetime warranty on INFINITY DRIVE® 1 year on batteries and charger

#### Accessories:

**BAT18VLI:** Hi-capacity LI battery (3.0 AH)

**PATCHGRLI:** 120V-AC Charger

**PATCHGRLIDC:** 12/24V-DC Charger

**PT208620:** Lanyard

**WDIETREE:** W die holder

US: 1-800-346-4175 / International: 1-603-647-5299 / Canada: 1-800-387-6487 / [www.burndy.com](http://www.burndy.com)

Electronic Update November 2015

# PAT500SJ6LI

## 6-Ton, Scissor Action

Hydraulic Self-Contained, 18V Lithium-Ion

- Interchangeable scissor action crimping and cutting jaws
- 180° head rotation
- Uses W and X style dies
- Ergonomically balanced tool design
- Includes 2 batteries, charger, and polymer carrying case

### For Use On:

Copper, Aluminum, ACSR, Steel, Copperweld, Alumoweld, 6201, 5005, Compressed, and Compact Conductors

### Taps:

Copper: #10 sol. to 2/0 str.

Aluminum & ACSR: #14 sol. to 4/0 ACSR

### Stirrups:

#6 to 4/0 ACSR

### Overhead Full Tension Deadends, Full Tension Splices and Terminals:

#10 str. to 4/0 ACSR

### Installs Splices, Taps or Terminations:

#8 to 500 kcmil Copper Stranded (YA, YA-L, YS, YS-L)

#8 to 350 kcmil Copper Flex

#8 to 350 kcmil Aluminum (YA-A, YS-A)

### Variations:

<b>PAT500SJ6LI</b>	BG and D3 grooves
<b>PAT500SJ68LI</b>	O and D3 grooves
<b>PAT500SJ66LI</b>	D3 groove only (snub-nose)

<b>PAT500SJ6LIDC</b>	BG and D3 grooves; 12V DC Charger
<b>PAT500SJ68LIDC</b>	O and D3 grooves; 12V DC Charger
<b>PAT500SJ66LIDC</b>	D3 groove only; 12V DC Charger

**PAT500SJ6LILCB** BG and D3 grooves; Li-Ion design but supplied without batteries and charger

**PAT500SJ68LILCB** O and D3 grooves; Li-Ion design but supplied without batteries and charger

**PAT500SJ66LILCB** D3 groove only; Li-Ion design but supplied without batteries and charger



### Specifications:

<b>Output Force:</b>	6 Tons
<b>Tool Weight:</b>	11.5 lbs
<b>Size:</b>	17.00" X 14.25" X 3.00"
<b>Die Style:</b>	W and X (with crimping jaws)
<b>Operating Voltage:</b>	18 V-DC Lithium-Ion
<b>Recharge Time:</b>	30 minutes
<b>Warranty:</b>	5 year limited warranty Lifetime warranty on INFINITY DRIVE® 1 year on batteries and charger

### Accessories:

<b>BAT18VLI:</b>	Hi-capacity LI battery (3.0 AH)
<b>PATCHGRLI:</b>	120V-AC Charger
<b>PATCHGRLIDC:</b>	12/24V-DC Charger
<b>PATMD6JC:</b>	Jaw covers for PATMD6 and PATMD68 versions
<b>PATMD66JC:</b>	Jaw covers for PATMD66 snub-nose versions
<b>PT10074020:</b>	Wrist strap
<b>W28K:</b>	Cutter Dies (cuts 4-4/0 Cu, Al, ACSR)
<b>WDIETREE:</b>	W-die holder for 6 die sets

### Interchangeable Jaw Assemblies / Kits:

<b>PATJAWSMD6</b>	BG and D3 grooves
<b>PATJAWSMD68</b>	O and D3 grooves
<b>PATJAWSMD66</b>	D3 groove only (snub-nose)
<b>PATJAWSCUT</b>	Cutter jaw set

**PAT500SJ6LICUTKIT1** Kit includes crimp head with BG & D3 grooves, cutter jaw, 120V charger and 2 batteries

**PAT500SJ68LICUTKIT1** Kit includes crimp head with O & D3 grooves, cutter jaw, 120V charger and 2 batteries

# Tooling

## Crimpers — Battery Actuated



### PATMD6LI

#### 6-Ton, IN-LINE<sup>®</sup>, Scissor Action

Hydraulic Self-Contained, 18V Lithium-Ion

- Interchangeable scissor action crimping and cutting jaws
- 350° head rotation
- Uses W and X style dies
- Ergonomically balanced tool design with trigger lock
- Includes 2 batteries, charger, and soft carrying case

#### For Use On:

Copper, Aluminum, ACSR, Steel, Copperweld, Alumoweld, 6201, 5005, Compressed, and Compact Conductors

#### Taps:

Copper: #10 sol. to 2/0 str.

Aluminum & ACSR: #14 sol. to 4/0 ACSR

#### Stirrups:

#6 to 4/0 ACSR

#### Overhead Full Tension Deadends, Full Tension Splices and Terminals:

#10 str. to 4/0 ACSR

#### Installs Splices, Taps or Terminations:

#8 to 500 kcmil Copper Stranded (YA, YA-L, YS, YS-L)

#8 to 350 kcmil Copper Flex

#8 to 350 kcmil Aluminum (YA-A, YS-A)

#### Variations:

<b>PATMD6LI:</b>	BG and D3 grooves
<b>PATMD68LI:</b>	O and D3 grooves
<b>PATMD66LI:</b>	D3 groove only (snub-nose)
<b>PATMD6KLI:</b>	KEARNEY™ groove (snub-nose) [Accepts KEARNEY™ dies; BURNDY W and X dies with KWADP adapter, sold separately]

Ni-MH platform is also available:

<b>PATMD614V:</b>	BG and D3 grooves
<b>PATMD6814V:</b>	O and D3 grooves
<b>PATMD6614V:</b>	D3 groove only (snub-nose)
<b>PATMD6K14V:</b>	KEARNEY™ groove (snub-nose)

**Crimp/Cut Kits are also available supplied with both crimping and cutting jaws**



#### Specifications:

<b>Output Force:</b>	6 Tons
<b>Tool Weight:</b>	7.8 lbs
<b>Size:</b>	21.00" x 5.50" x 3.75"
<b>Die Style:</b>	W and X (with crimping jaws)
<b>Operating Voltage:</b>	18 V-DC Lithium-Ion
<b>Recharge Time:</b>	30 minutes
<b>Warranty:</b>	5 year limited warranty Lifetime warranty on INFINITY DRIVE <sup>®</sup> 1 year on batteries and charger

#### Accessories:

<b>BAT18VLI:</b>	Hi-capacity LI battery (3.0 AH)
<b>PATCHGRLI:</b>	120V-AC Charger
<b>PATCHGRIDLIC:</b>	12/24V-DC Charger
<b>PATMD6JC:</b>	Jaw covers for PATMD6 and PATMD68 versions
<b>PATMD66JC:</b>	Jaw covers for PATMD66 snub-nose versions
<b>PATMD6KJC:</b>	Jaw covers for PATMD6K snub-nose versions
<b>W28K:</b>	Cutter Dies (cuts 4-4/0 Cu, Al, ACSR)
<b>WDIETREE:</b>	W-die holder for 6 die sets
<b>TOOLBAGMDLI:</b>	Tool bag (included with tool)
<b>PT10074020:</b>	Wrist strap

#### Interchangeable Jaw Assemblies:

<b>PATJAWSMD6</b>	BG and D3 grooves
<b>PATJAWSMD68</b>	O and D3 grooves
<b>PATJAWSMD66</b>	D3 groove only (snub-nose)
<b>PATJAWSMD6K</b>	KEARNEY™ groove (snub-nose)
<b>PATJAWSCUT</b>	Cutter jaw set

US: 1-800-346-4175 / International: 1-603-647-5299 / Canada: 1-800-387-6487 / [www.burndy.com](http://www.burndy.com)

# PATMD6LIWCJ

## 6-Ton, IN-LINE®, Scissor Action

Hydraulic Self-Contained, 18V Lithium-Ion

- Interchangeable scissor action crimping and cutting jaws included
- 350° head rotation; trigger lock
- Actuated blade guide (with cutting jaws)
- Kit includes tool, crimping jaw, cutting jaw, 2 batteries, charger, and soft carrying case

### For Use On:

#### Crimping:

Copper, Aluminum, ACSR, Steel, Copperweld, Alumoweld, 6201, 5005, Compressed, and Compact Conductors

#### Taps:

Copper: #10 sol. to 2/0 str.

Aluminum & ACSR: #14 sol. to 4/0 ACSR

#### Stirrups:

#6 to 4/0 ACSR

#### Overhead Full Tension Deadends, Full Tension Splices and Terminals:

#10 str. to 4/0 ACSR

#### Installs Splices, Taps or Terminations:

#8 to 500 kcmil Copper Stranded (YA, YA-L, YS, YS-L)

#8 to 350 kcmil Copper Flex

#8 to 350 kcmil Aluminum (YA-A, YS-A)

#### Cutting Capacity (Maximum):

#### ACSR:

556 kcmil (26/7 Dove)

#### AAC:

636 kcmil

#### Copper:

500 kcmil soft drawn copper



### Specifications:

<b>Output Force:</b>	6 Tons
<b>Tool Weight:</b>	7.8 lbs
<b>Size:</b>	21.00" x 5.50" x 3.75"
<b>Die Style:</b>	W and X (with crimping jaws)
<b>Operating Voltage:</b>	18 V-DC Lithium-Ion
<b>Recharge Time:</b>	30 minutes
<b>Warranty:</b>	5 year limited warranty Lifetime warranty on INFINITY DRIVE® 1 year on batteries and charger

### Variations:

<b>PATMD6LIWCJ</b>	BG & D3 Grooves, soft case
<b>PATMD68LIWCJ</b>	O & D3 Grooves, soft case
<b>PATMD66LIWCJ</b>	D3 Groove only (Snub-nose), soft case
<b>PATMD6KLIWCJ</b>	KEARNEY™ (Snub-nose), hard case

### Accessories:

<b>BAT18VLI:</b>	Hi-capacity LI battery (3.0 AH)
<b>PATCHGRLI:</b>	120V-AC Charger
<b>PATCHGRLIDC:</b>	12/24V-DC Charger
<b>PATMD6JC:</b>	Jaw covers for PATMD6 and PATMD68 versions
<b>PATMD66JC:</b>	Jaw covers for PATMD66 snub-nose versions
<b>PATMD6KJC:</b>	Jaw covers for PATMD6K snub-nose versions
<b>W28K:</b>	Cutter Dies (cuts 4-4/0 Cu, Al, ACSR)
<b>WDIETREE:</b>	W die holder for 6 sets (sold separately)
<b>TOOLBAGMDLI:</b>	Replacement Tool Bag
<b>PT10074020:</b>	Wrist Strap

# Tooling

## Crimpers — Battery Actuated



### PATMD6LICUTKIT1

#### 6-Ton, IN-LINE<sup>®</sup>, Scissor Action Hydraulic Self-Contained, 18V Lithium-Ion

- Interchangeable scissor action crimping and cutting jaws included
- 350° head rotation; trigger lock
- Actuated blade guide (with cutting jaws)
- Kit includes tool, crimping jaw, cutting jaw, 2 batteries, charger, and hard plastic carrying case

#### For Use On:

##### Crimping:

Copper, Aluminum, ACSR, Steel, Copperweld, Alumoweld, 6201, 5005, Compressed, and Compact Conductors

##### Taps:

Copper: #10 sol. to 2/0 str.

Aluminum & ACSR: #14 sol. to 4/0 ACSR

##### Stirrups:

#6 to 4/0 ACSR

##### Overhead Full Tension Deadends, Full Tension Splices and Terminals:

#10 str. to 4/0 ACSR

##### Installs Splices, Taps or Terminations:

#8 to 500 kcmil Copper Stranded (YA, YA-L, YS, YS-L)

#8 to 350 kcmil Copper Flex

#8 to 350 kcmil Aluminum (YA-A, YS-A)

#### Cutting Capacity (Maximum):

##### ACSR:

556 kcmil (26/7 Dove)

##### AAC:

636 kcmil

##### Copper:

500 kcmil soft drawn copper



#### Specifications:

Output Force:	6 Tons
Tool Weight:	7.8 lbs
Size:	21.00" x 5.50" x 3.75"
Die Style:	W and X (with crimping jaws)
Operating Voltage:	18 V-DC Lithium-Ion
Recharge Time:	30 minutes
Warranty:	5 year limited warranty Lifetime warranty on INFINITY DRIVE <sup>®</sup> 1 year on batteries and charger

#### Variations:

PATMD6LICUTKIT1	BG & D3 Grooves, hard case
PATMD68LICUTKIT1	O & D3 Grooves, hard case
PATMD66LICUTKIT1	D3 Groove only (Snub-nose), hard case
PATMD6KLCUTKIT1	KEARNEY <sup>™</sup> (Snub-nose), hard case

#### Accessories:

BAT18VLI:	Hi-capacity LI battery (3.0 AH)
PATCHGRLI:	120V-AC Charger
PATCHGRLLDC:	12/24V-DC Charger
PATMD6JC:	Jaw covers for PATMD6 and PATMD68 versions
PATMD66JC:	Jaw covers for PATMD66 snub-nose versions
PATMD6KJC:	Jaw covers for PATMD6K snub-nose versions
W28K:	Cutter Dies (cuts 4-4/0 Cu, Al, ACSR)
WDIETREE:	W die holder for 6 sets (sold separately)
PT50025151:	Replacement plastic carry case
PT10074020:	Wrist Strap

US: 1-800-346-4175 / International: 1-603-647-5299 / Canada: 1-800-387-6487 / [www.burndy.com](http://www.burndy.com)

# CSMD6LI

## Contractor Series, 6-Ton, IN-LINE® Hydraulic Self-Contained, 18V Lithium-Ion

- 9 variations available with a fixed jaw
- 350° head rotation
- Accepts all BURNDY W and X style die sets
- Safety lock, ergonomically balanced, non-slip grip
- Includes 1 battery and charger

### For Use On:

Copper, Aluminum, ACSR, Steel, Copperweld, Alumoweld, 6201, 5005, Compressed, and Compact Conductors

### Taps:

Copper: #10 sol. to 2/0 str.

Aluminum & ACSR: #14 sol. to 4/0 ACSR

### Stirrups:

#6 to 4/0 ACSR

### Overhead Full Tension Deadends, Full Tension Splices and Terminals:

#10 str. to 4/0 ACSR

### Installs Splices, Taps or Terminations:

#8 to 500 kcmil Copper Stranded (YA, YA-L, YS, YS-L)

#8 to 350 kcmil Copper Flex

#8 to 350 kcmil Aluminum (YA-A, YS-A)

### Variations:

**CSMD6LI:** BG and D3 grooves  
**CSMD68LI:** O and D3 grooves  
**CSMD66LI:** D3 groove only (snub-nose)

**CSMD6LIDC:** BG and D3 grooves (12 V-DC charger)  
**CSMD68LIDC:** O and D3 grooves (12 V-DC charger)  
**CSMD66LIDC:** D3 groove only (12 V-DC charger)

**CSMD6LILCB:** BG and D3 grooves (no battery, no charger)  
**CSMD68LILCB:** O and D3 grooves (no battery, no charger)  
**CSMD66LILCB:** D3 groove only (no battery, no charger)



*Shown: CSMD6-LI  
Scissor-action jaws,  
safety orange*

### Specifications:

<b>Output Force:</b>	6 Tons
<b>Tool Weight:</b>	7.8 lbs
<b>Size:</b>	21.00" x 5.50" x 3.75"
<b>Die Style:</b>	W and X
<b>Operating Voltage:</b>	18 V-DC Lithium-Ion
<b>Recharge Time:</b>	30 minutes
<b>Warranty:</b>	1 year limited warranty tool, battery, and charger

### Accessories:

<b>BAT18VLI:</b>	Hi-capacity LI battery (3.0 AH)
<b>PATCHGRLI:</b>	120V-AC Charger
<b>PATCHGRLIDC:</b>	12/24V-DC Charger
<b>PATMD6JC:</b>	Jaw covers for CSMD6 and CSMD68 versions
<b>PATMD66JC:</b>	Jaw covers for CSMD66 snub-nose versions
<b>W28K:</b>	Cutter Dies (cuts 4-4/0 Cu, Al, ACSR)
<b>WDIETREE:</b>	W-die holder for 6 die sets
<b>TOOLBAGMDLI:</b>	Tool bag (sold separately)
<b>PT10074020:</b>	Wrist strap

# Tooling

## Crimpers — Self-Contained Hydraulic



### Y750HSXT

#### 12-Ton, C-Head, HYPRESS™ Hydraulic Self-Contained, Hand Operated Tool

- 355° head rotation
- 1.65" jaw opening
- Rapid advance pump
- Uses standard BURNDY U dies (sold separately)

#### For Use On:

##### Tension Sleeves

Copper	#8 sol. - 500 kcmil
Aluminum	#8 sol. - 587.2 kcmil
ACSR	#4 - 556.5 kcmil

##### Taps

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

##### Aerial Cable

Copper	#6 - 500 kcmil
--------	----------------

##### Terminals & Splices

Copper	#8 - 750 kcmil
Aluminum	#8 - 750 kcmil
ACSR	#4 - 556 kcmil

##### HYGROUND® (Compression Grounding)

Copper	#8 - 500 kcmil
Ground Rods	1/2" - 1" diameter

#### Variations:

Y750CHSXT Rubber covered head version



#### Specifications:

Output Force:	12 Tons
Tool Weight:	14.5 lbs
Size:	24.00" x 8.75" x 2.88"
Die Style:	U style
Jaw Opening:	1.65"
Warranty:	5 year limited warranty

#### Accessories:

Y750HSCASE:	Plastic carrying case for Y750HSXT/Y750CHSXT
FORCEGAUGE1215:	Force test gauge for accurate reading of output force
PT29291:	Steel die case for U dies

US: 1-800-346-4175 / International: 1-603-647-5299 / Canada: 1-800-387-6487 / [www.burndy.com](http://www.burndy.com)

Electronic Update November 2015

**Y35****12-Ton, C-Head, HYPRESS™**  
Hydraulic Self-Contained, Hand Operated Tool

- 180° head rotation
- Uses BURNDY U style dies (sold separately)
- Body and handles rubber covered for impact protection
- Trigger controlled ram release

**For Use On:**

Copper #8 str. - 500 kcmil code cable

**Grounding Terminals:**

YGH, YGHA, YGF

**Grounding Splices:**

YGS, YGHS

Copper #8 str. - 500 kcmil and up to 3/4" ground rod

**Grounding Taps:**

YGHC-C, YGHP-C, YGHR-C

Copper #8 str. - 750 kcmil code cable, N30 - N500 Navy cable, flexible, and extra flex

**Terminals (Bare):**

YA, YA-2N, YA-L, YA-LB, YA-2LN

**Terminals (Insulated):**

YAEV-L, YAEV-H, YAEV-RS, YAEV-RH

**Splices to 400 kcmil only:**

YS, YS-T, YS-L, YS-LB, YSV-L, YSM

Aluminum #8 str. - 750 kcmil code cable

**Terminals:**

YA-A, AYP, AYPO

**Splices to 350 kcmil only:**

YSA, YRB, YS-AT

ACSR:

See Overhead Transmission and Distribution sections in the BURNDY Master Catalog

**Specifications:**

<b>Output Force:</b>	12 Tons
<b>Tool Weight:</b>	13.0 lbs
<b>Size:</b>	23.25" x 8.75" x 4.75"
<b>Die Style:</b>	U style
<b>Warranty:</b>	5 year limited warranty

**Variations:**

**Y352** Y35 with rubber covered head, body, and handles

**Accessories:**

**PT2972:** Steel Carry Case for Y35 (included with tool)  
**PT29360:** Steel Carry Case for Y352 (included with tool)  
**Y35/Y39REPKITA:** Seal Repair Kit

# Tooling

## Crimpers — Self-Contained Hydraulic



# Y39

### 12-Ton, Latch Head, HYPRESS™ Hydraulic Self-Contained, Hand Operated Tool

- 180° head rotation
- Body and handles rubber covered for impact protection
- Trigger controlled ram release
- Uses standard BURNDY U dies (sold separately)

#### For Use On:

##### Copper #6 AWG - 750 kcmil str. Code Cable N30 - N650 Navy Cable, Flexible, and Extra Flexible

Terminals (Bare):

YA, YA-L, YA-LB, YGH, YGHA

Splices and Tees (Bare):

YS, YS-L, YS-LB, YS-T, YSP-T, YST

##### Copper AN or AIR #6 AWG - 4/0 str. Code Cable AN6 - AN4/0 Aircraft Cable, Flexible, and Extra Flexible

Terminals (Bare):

YAV-L, YAV-RS

Splices (Bare):

YSV-L

##### Copper #8 AWG - 2/0 str. Code Cable AN8 - AN2/0 Aircraft Cable, Flexible, and Extra Flexible

Terminals (Insulated):

YAEV-L, YAEV-RS, YAEV-RH

##### Copper #12 AWG sol. - 250 kcmil

Taps:

YC-C, YGHC-C, YGHP-C, YGHR-C

##### Aluminum #8 AWG - 750 kcmil Code Cable

Terminals:

YA-A

Splices:

YS-A, YS-AT, YRB

##### Aluminum #6 str. - 500 kcmil

Taps:

YFD, YFN, YFO



#### Specifications:

Output Force:	12 Tons
Tool Weight:	12.0 lbs
Size:	23.00" x 8.75" x 4.00"
Die Style:	U style
Warranty:	5 year limited warranty

#### Accessories:

PT2972:	Metal Carrying Case (included with tool)
Y35/Y39REPKITA:	Seal Repair Kit

US: 1-800-346-4175 / International: 1-603-647-5299 / Canada: 1-800-387-6487 / [www.burndy.com](http://www.burndy.com)

Electronic Update November 2015

# Y644HSXT

## 11-Ton, Dieless Latch Head

Hydraulic Self-Contained, Hand Operated Tool

- 355° head rotation
- Dieless System
- Range taking capabilities
- Only “1” crimp necessary for most standard and long barrel terminals and splices
- Easy inspection; positive identification proved with BURNDY® ‘Bug’ (⊕) embossment after crimp completion

### For Use On:

Copper #6 - 1000 kcmil

#### Terminals:

YA-L, YA-2-LN, YA, YA-FXB, YA-2N, YA-L-2TC, YA-L-FX,  
YAB-4N, YA-L-TC, YA-2L, YA-4N, YEV-P-FX, YE-P,  
YE-P-FX

#### Splices:

YS-L, YS, YS-T

Aluminum #6 str. - 900 kcmil

#### Terminals:

YA-A, YA-A-TN

#### Splices:

YS-A

#### HYPLUG™:

AYP, AYPO

*See Expanded Range details in Reference Section*



### Specifications:

<b>Output Force:</b>	11 Tons
<b>Tool Weight:</b>	15.0 lbs
<b>Size:</b>	23.25" x 7.13" x 3.00"
<b>Die Style:</b>	Dieless
<b>Warranty:</b>	5 year limited warranty

### Accessories:

**Y644HSCASE:** Plastic carrying case (included with tool)

# Tooling

## Crimpers — Self-Contained Hydraulic



### Y81KFT

#### 6-Ton, 4-POINT® Dieless Latch Head Hydraulic Self-Contained, Hand Operated Tool

- Dieless System
- Range taking capabilities
- Flip top latch head design
- 360° head rotation

#### 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  
**HYPLUG™:** AYP, AYPO

*See Expanded Range details in Reference Section*



#### Specifications:

<b>Output Force:</b>	6 Tons
<b>Tool Weight:</b>	12.0 lbs
<b>Size:</b>	25.62" x 7.75" x 2.50"
<b>Die Style:</b>	Dieless
<b>Warranty:</b>	5 year limited warranty

#### Accessories:

**PT10050733:** Plastic Carrying Case (included with tool)

# Y4PC834

## 6-Ton, 4-POINT® Dieless C-Head Hydraulic Self-Contained, Hand Operated Tool

- 360° head rotation
- Dieless System
- Range taking capabilities
- Handle trigger release

### For Use On:

Copper

**Terminals:** YA, YA-L (#8-1000 kcmil)

**Splices:** YS-L, YS, YS-T, Y-R (#8-500 kcmil)

Copper Flex

**Terminals:** YA-FX, YAV, YA-L-FX (#8-777.7 Flex)

**Splices:** YS, YSV-FXB (#8-500 kcmil)

Aluminum

**Terminals:** YA-A, YA-A-TN (#8-750 kcmil)

**Splices:** YS-A (#8-350 kcmil)

**HYPLUG™:** AYP, AYPO (#8-750 kcmil)

*See Expanded Range details in Reference Section*



### Specifications:

<b>Output Force:</b>	6 Tons
<b>Tool Weight:</b>	11.9 lbs
<b>Size:</b>	25.62" x 7.75" x 2.50"
<b>Die Style:</b>	Dieless
<b>Warranty:</b>	5 year limited warranty

### Accessories:

**PT10050733:** Plastic Carrying Case (included with tool)

# Tooling

## Crimpers — Self-Contained Hydraulic



### Y500CTHS

#### 6-Ton, Latch Head, L'IL CRIMP™ Hydraulic Self-Contained, Hand Operated Tool

- Permanent functional D3 groove (no die needed)
- Used with W, X, and W-VT style dies
- 180° head rotation
- Enhanced clearance for tap connectors

#### For Use On:

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

#### Installs Splices, Taps or Terminations:

- #8 - 600 kcmil Copper Str.
- #8 - 350 kcmil Flex
- #8 - 350 kcmil Aluminum



#### Specifications:

Output Force:	6 Tons
Tool Weight:	7.8 lbs
Size:	17.63" x 6.00" x 2.68"
Die Style:	W, W-VT and X styles
Warranty:	5 year limited warranty



**WDC4500** range taking die for #4 - 500 Cu Str. and #2 - 4/0 Cu Flex (sold separately)



**WDA8300** range taking die for #8 - 300 Al, #6 - 400 Cu Str. and #2 - 4/0 Cu Flex (sold separately)

#### Accessories:

- WDC4500:** Range taking die for #4 - 500 Cu Str. and #2 - 4/0 Cu Flex
- WDA8300:** Range taking die for #8 - 300 Al, #6 - 400 Cu Str. and #2 - 4/0 Cu Flex
- PT212851:** Metal Carrying Case (included with tool)

When used with UL Listed/CSA Certified YA, YS, YA-A, and YS-A series terminals and splices, connections are UL/CSA.

Range taking dies also for use on the YAV and YSV series.

US: 1-800-346-4175 / International: 1-603-647-5299 / Canada: 1-800-387-6487 / [www.burndy.com](http://www.burndy.com)

Electronic Update November 2015

# Y60LW

## 60-Ton, Light Weight Remote Latch Head Single Acting Light Weight Hydraulic Tool

- Remote power operated
- Used with BURNDY L, wide L style dies, and HPS/Fargo-equivalent 60 ton dies
- Base stand and metal carry case (for head only) included
- Side lift handle

### For Use On:

Copper 300 - 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 - 2000 kcmil Str. Code Cable

**Terminals:** YA-A

**Splices:** YS-A, YS-AT

### Transmission & Distribution Connectors:

#### Tension Sleeves:

Copper: 1/0 str. - 1000 kcmil

Aluminum: 1/0 str. - 2300 kcmil

ACSR: 1/0 str. - 2156 (84/19 str.) kcmil

Aerial:

Copper: 4/0 str. - 2500 kcmil

Aluminum: 3/0 str. - 2500 kcmil

Types: YTS, YTN, YNS, YNA, YNT, YNTA, YNU, YDS, YDN, YCS, YCA, YCU



**Y60LWCASE;** fits Y60LW head only (included)



### Specifications:

<b>Output Force:</b>	60 Tons
<b>Tool Weight:</b>	43.0 lbs
<b>Size:</b>	13.00" x 8.12" x 8.12"
<b>Die Style:</b>	L style (standard or wide style); HPS/Fargo-equivalent 60 ton dies
<b>Operating Pressure:</b>	10,000 PSI
<b>Warranty:</b>	5 year limited warranty

### Accessories:

<b>Y60LWSTAND:</b>	Metal stand for Y60LW (included with tool)
<b>Y60LWCASE:</b>	Steel carry case for Y60LW head (included with tool)

**See Gas or Electric Pumps and Hydraulic Hoses;  
Pump Accessories for other necessary equipment.**



**Y60LW** pictured on Y60LWSTAND (included)

# Tooling

## Crimpers — Remote Hydraulic



### Y60BHU

#### 60-Ton, Remote, Latch Head Single Hydraulic Tool Design

- Remote power operated
- Heavy duty carry handle
- Long life expectancy
- 10,000 PSI operating pressure

#### For Use On:

Copper 300 -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 - 2000 kcmil Str. Code Cable

**Terminals:** YA-A

**Splices:** YS-A, YS-AT

#### Transmission & Distribution Connectors:

##### Tension Sleeves:

Copper: 1/0 str. - 1000 kcmil

Aluminum: 1/0 str. - 2300 kcmil

ACSR: 1/0 str. - 2156 (84/19 str.) kcmil

Aerial:

Copper: 4/0 str. - 2500 kcmil

Aluminum: 3/0 str. - 2500 kcmil

Types: YTS, YTN, YNS, YNA, YNT, YNTA, YNU, YDS, YDN,  
YCS, YCA, YCU

#### Variations:

Y60BHUD Double action

*See Gas or Electric Pumps and Hydraulic Hoses;  
Pump Accessories for other necessary equipment.*



#### Specifications:

<b>Output Force:</b>	60 Tons
<b>Tool Weight:</b>	70.0 lbs
<b>Size:</b>	11.38" x 16.12" x 6.75"
<b>Die Style:</b>	L style (standard or wide style); HPS/Fargo-equivalent 60 ton dies
<b>Operating Pressure:</b>	10,000 PSI
<b>Cycles:</b>	50,000
<b>Warranty:</b>	5 year limited warranty



*Wide L-dies (sold separately) can be used to save time and labor! Indicator marks on die set for ease of aligning connector properly. L725W shown.*

US: 1-800-346-4175 / International: 1-603-647-5299 / Canada: 1-800-387-6487 / [www.burndy.com](http://www.burndy.com)

Electronic Update November 2015

# Y46LWSBH

## 15-Ton, Remote Light Weight C-Head

Remote Operated Hydraulic Tool

- 2" jaw opening
- Used with P dies; U dies with PUADP1 adapter (sold separately)
- Positive push button die locks
- Light weight scoop style open head design

### For Use On:

#### Copper - #8 AWG Str. - 1500 kcmil

Code Cable, Navy Cable, Flexible, Extra Flexible  
1/2" - 1" Ground Rods

#### Terminals, grounding:

to 500 kcmil; YGA, YGHA, YGF

#### Terminals, uninsulated:

#8 - 1500 kcmil; YA, YA-2N, YA-L, YA-LB, YA-TC,  
YA-2LN, YAB-4N, YAV-L, YAV-RS, YA-TC-FX

#### Terminals, insulated:

#8 - 2/0; YAEV-L, YAEV-H, YAEV-RS, YAEV-RH

#### Splices:

#8 - 1500 kcmil; YS, YS-T, YS-L, YS-LB, YST,  
YSP-T, YGS, YGHS

#### Taps:

#14 - 1000 kcmil; YH, YCHC  
to 4/0 AWG; YC-C

#### Taps, grounding:

to 500 kcmil; YGHC-C, YGHP-C, YGHR-C

#### Aluminum - #8 AWG - 1250 kcmil

Code Cables

**Terminals:** YA-A, AYP, AYPO

**Splices:** YS-A, YS-AT, YRB

**Taps:** YFD, YFN, YFO, YFR

**ACSR** - See Overhead Transmission & Distribution

Sections H & I of the current BURNDY® Master Catalog



### Specifications:

<b>Output Force:</b>	15 Tons
<b>Tool Weight:</b>	14.6 lbs
<b>Size:</b>	14.93" x 5.12" x 3.12"
<b>Die Style:</b>	P style and U style with PUADP1 adapter
<b>Operating Pressure:</b>	10,000 PSI
<b>Cycles:</b>	10,000
<b>Warranty:</b>	5 year limited warranty

### Accessories:

<b>PUADP1:</b>	U die adapter
<b>P15K:</b>	Cutter Die, max. diameter 1.2"
<b>PT10054094:</b>	Carry Bag (included with tool)

*See Hydraulic Pumps and Hydraulic Hoses; Pump Accessories for other necessary equipment.*

### Variations:

<b>Y46CLWSBH</b>	Permanently molded head of 3/16" rubber included separate molded rubber boot for lower body and hydraulic coupler
<b>Y46CLWSBHF</b>	Y46CLWSBH (covered) tool with female coupler
<b>Y46LWSBHF</b>	Y46LWSBH tool with Female coupler (not rubber covered)

# Tooling

## Crimpers — Remote Hydraulic



### Y46LWBH

#### 15-Ton, Remote Light Weight Latch Head Remote Operated Hydraulic Tool

- 2" ram travel
- Used with P dies; U dies with PUADP1 adapter (sold separately)
- Positive push button die locks
- Light weight latch head design

#### For Use On:

##### Copper - #8 AWG Str. - 1500 kcmil

Code Cable, Navy Cable, Flexible, Extra Flexible  
1/2" - 1" Ground Rods

##### Terminals, grounding:

to 500 kcmil; YGA, YGHA, YGF

##### Terminals, uninsulated:

#8 - 1500 kcmil; YA, YA-2N, YA-L, YA-LB, YA-TC,  
YA-2LN, YAB-4N, YAV-L, YAV-RS, YA-TC-FX

##### Terminals, insulated:

#8 - 2/0; YAEV-L, YAEV-H, YAEV-RS, YAEV-RH

##### Splices:

#8 - 1500 kcmil; YS, YS-T, YS-L, YS-LB, YST,  
YSP-T, YGS, YGHS

##### Taps:

#14 - 1000 kcmil; YH, YCHC  
to 4/0 AWG; YC-C

##### Taps, grounding:

to 500 kcmil; YGHC-C, YGHP-C, YGHR-C

##### Aluminum - #8 AWG - 1250 kcmil

Code Cables

**Terminals:** YA-A, AYP, AYPO

**Splices:** YS-A, YS-AT, YRB

**Taps:** YFD, YFN, YFO, YFR

**ACSR** - See Overhead Transmission & Distribution  
Sections H & I of the current BURNDY® Master Catalog



#### Specifications:

<b>Output Force:</b>	15 Tons
<b>Tool Weight:</b>	12.5 lbs
<b>Size:</b>	15.50" x 5.12" x 3.12"
<b>Die Style:</b>	P style and U style with PUADP1 adapter
<b>Operating Pressure:</b>	10,000 PSI
<b>Cycles:</b>	10,000
<b>Warranty:</b>	5 year limited warranty

#### Accessories:

<b>PUADP1:</b>	U die adapter
<b>P15K:</b>	Cutter Die, max. diameter 1.2"
<b>PT10054094:</b>	Carry Bag (included with tool)

*See Hydraulic Pumps and Hydraulic Hoses; Pump Accessories  
for other necessary equipment.*

#### Variations:

<b>Y46LWBHF</b>	Y46LWBH tool with Female coupler (not rubber covered)
-----------------	---

US: 1-800-346-4175 / International: 1-603-647-5299 / Canada: 1-800-387-6487 / [www.burndy.com](http://www.burndy.com)

Electronic Update November 2015

**Y45****15-Ton, Remote C-Head**

Remote Operated Hydraulic Tool

- Lifting eye
- Fully protected ram and die buttons
- Used with S dies; U dies with PT6515 adapter (sold separately)

**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) kcmil  
ACSR #6 - 795 (54/7) kcmil

**Aerial Cable Connectors:**

Copper #6 str. - 1500 kcmil  
Aluminum #4 str. - 1000 kcmil

**HYGROUND<sup>®</sup> Compression Grounding:**

Copper #6 - 500 kcmil  
1/2" - 1" ground rods

**Code Cable Terminals/Splices:**

Copper #8 - 1500 kcmil  
Aluminum #8 - 1000 kcmil

**Code Cable Taps:**

Copper #14 - 1000 kcmil  
Aluminum #14 - 900 kcmil

**Specifications:**

<b>Output Force:</b>	15 Tons
<b>Tool Weight:</b>	15.75 lbs
<b>Size:</b>	14.25" x 7.25" x 2.62"
<b>Die Style:</b>	S style and U style with PT6515 adapter
<b>Operating Pressure:</b>	10,000 PSI
<b>Cycles:</b>	10,000
<b>Warranty:</b>	5 year limited warranty

**Accessories:**

<b>PT6515:</b>	Adapter for use with U die sets
<b>PT6545:</b>	Die carrying case for S and/or P die type dies. Holds eight (8) die sets. Dies sold separately.
<b>433206016010:</b>	Carry Case (included with tool)

*See Hydraulic Pumps and Hydraulic Hoses; Pump Accessories  
for other necessary equipment.*

# Tooling

## Crimpers — Remote Hydraulic



# Y750BHXT

## 12-Ton, Remote C-Head Remote Operated Hydraulic Tool

- 1.65" jaw opening
- 355° head rotation
- Used with U style dies
- Exposed positive die lock buttons

### For Use On:

#### Tension Sleeves

Copper	#8 sol. - 500 kcmil
Aluminum	#8 sol. - 587.2 kcmil
ACSR	#4 - 556.5 kcmil

#### Taps

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

#### Aerial Cable

Copper	#6 - 500 kcmil
--------	----------------

#### Terminals & Splices

Copper	#8 - 750 kcmil
Aluminum	#8 - 750 kcmil
ACSR	#4 - 556 kcmil

#### HYGROUND® (Compression Grounding)

Copper	#8 - 500 kcmil
Ground Rods	1/2" - 1" diameter

### Variations:

Y750CBHXT	Y750BHXT with molded rubber covering on head, body and hose fittings
-----------	--



### Specifications:

Output Force:	12 Tons
Tool Weight:	10.3 lbs
Size:	12.88" x 5.25" x 3.12"
Die Style:	U style
Jaw Opening:	1.65"
Operating Pressure:	10,000 PSI
Warranty:	5 year limited warranty

### Accessories:

PT294021:	Adjustable head grip for joining head to universal hot sticks
PT29291:	Steel die case for storage and protection of U dies
PT10054094:	Canvas carry bag (included with tool)

*See Hydraulic Pumps and Hydraulic Hoses; Pump Accessories for other necessary equipment.*

US: 1-800-346-4175 / International: 1-603-647-5299 / Canada: 1-800-387-6487 / [www.burndy.com](http://www.burndy.com)

Electronic Update November 2015

# Y35BH

## 12-Ton, Remote C-Head

Remote Operated Hydraulic Tool

- Lifting eye
- .95" jaw opening
- Uses U style dies
- Positive die lock buttons

### For Use On:

Copper #8 str. - 500 kcmil code cable

#### Grounding Terminals:

YGH, YGHA, YGF

#### Grounding Splices:

YGS, YGHS

Copper #8 str. - 500 kcmil and up to 3/4" ground rod

#### Grounding Taps:

YGH-C, YGHP-C, YGHR-C

Copper #8 str. - 750 kcmil code cable, N30 - N500 Navy cable, flexible, and extra flex

#### Terminals (Bare):

YA, YA-2N, YA-L, YA-LB, YA-2LN

#### Terminals (Insulated):

YAEV-L, YAEV-H, YAEV-RS, YAEV-RH

#### Splices to 400 kcmil only:

YS, YS-T, YS-L, YS-LB, YSV-L, YSM

Aluminum #8 str. - 750 kcmil code cable

#### Terminals:

YA-A, AYP, AYPO

#### Splices to 350 kcmil only:

YSA, YRB, YS-AT

ACSR: See Overhead Transmission & Distribution  
Sections H & I of the current BURNDY® Master Catalog



### Specifications:

Output Force:	12 Tons
Tool Weight:	8.0 lbs
Size:	9.25" x 4.75" x 2.62"
Die Style:	U style
Jaw Opening:	.95"
Operating Pressure:	10,000 PSI
Cycles:	10,000
Warranty:	5 year limited warranty

### Variations:

Y35H	Y35BH head, PT294021 universal hot stick adapter, and steel carrying case
Y35B	Y35BH head, PT91 steel reinforced hydraulic hose, and an FP10 foot pump in a steel carrying case
Y35BH4	Permanent molded rubber head, 3/16" rubber for tool impact protection

### Accessories:

PT2972:	Carry Case (included with tool)
---------	---------------------------------

See *Hydraulic Pumps and Hydraulic Hoses; Pump Accessories* for other necessary equipment.

# Tooling

## Crimpers — Remote Hydraulic



### Y39BH

#### 12-Ton, Remote Latch Head

Remote Operated Hydraulic Tool

- Used with U style dies
- Positive push button die locks

#### For Use On:

**Copper #6 AWG - 750 kcmil str. Code Cable  
N30 - N650 Navy Cable, Flexible, and Extra Flexible**

Terminals (Bare):

YA, YA-L, YA-LB, YGH, YGHA

Splices and Tees (Bare):

YS, YS-L, YS-LB, YS-T, YSP-T, YST

**Copper AN or AIR #6 AWG - 4/0 str. Code Cable  
AN6 - AN4/0 Aircraft Cable, Flexible, and Extra Flexible**

Terminals (Bare):

YAV-L, YAV-RS

Splices (Bare):

YSV-L

**Copper #8 AWG - 2/0 str. Code Cable  
AN8 - AN2/0 Aircraft Cable, Flexible, and Extra Flexible**

Terminals (Insulated):

YAEV-L, YAEV-RS, YAEV-RH

**Copper #12 AWG sol. - 250 kcmil**

Taps:

YC-C, YGHC-C, YGHP-C, YGHR-C, YH, YCHC

**Aluminum #8 AWG - 750 kcmil Code Cable**

Terminals:

YA-A

Splices:

YS-A, YS-AT, YRB

**Aluminum #6 str. - 500 kcmil**

Taps:

YFD, YFN, YFO



#### Specifications:

Output Force:	12 Tons
Tool Weight:	6.5 lbs
Size:	9.12" x 3.12" x 3.12"
Die Style:	U style
Operating Pressure:	10,000 PSI
Warranty:	5 year limited warranty

#### Accessories:

PT2972: Carry Case (included with tool)

*See Hydraulic Pumps and Hydraulic Hoses; Pump Accessories for other necessary equipment.*

US: 1-800-346-4175 / International: 1-603-647-5299 / Canada: 1-800-387-6487 / [www.burndy.com](http://www.burndy.com)

Electronic Update November 2015

**Y644MBH****11-Ton, Dieless Remote Head**  
Remote Operated Hydraulic Tool

- Dieless System
- Latch head design
- Range taking capabilities
- Infinitely rotatable head

**For Use On:**

Copper #6 - 1000 kcmil

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

YS-L, YS, YS-T

Aluminum #6 str. - 1000 kcmil

**Terminals:**

YA-A, YA-A-TN

**Splices:**

YS-A

**HYPLUG™:**

AYP, AYPO

*See Expanded Range details in Reference Section***Specifications:**

<b>Output Force:</b>	11 Tons
<b>Tool Weight:</b>	9.5 lbs
<b>Size:</b>	12.00" x 4.00" x 3.12"
<b>Die Style:</b>	Dieless
<b>Operating Pressure:</b>	10,000 PSI
<b>Warranty:</b>	5 year limited warranty

**Accessories:**

PT20719001 Steel Carry Case (included with tool)

*See Hydraulic Pumps and Hydraulic Hoses; Pump Accessories  
for other necessary equipment.*

# Y81KFTMBH

## 6-Ton, 4-POINT® Dieless Remote Head Remote Operated Hydraulic Tool

- Dieless installation system
- Range taking capabilities
- Flip top design
- Incorporates Parker-type quick connect 3/8" male coupler
- 360° head rotation

### For Use On:

Copper #8 -1000 kcmil

**Terminals:** YA, YA-L

**Splices:** YS, YS-L, 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

**HYPLUG™:** AYP, AYPO

*See Expanded Range details in Reference Section*



### Specifications:

<b>Output Force:</b>	6 Tons
<b>Tool Weight:</b>	8.5 lbs
<b>Size:</b>	13.88" x 5.38" x 2.00"
<b>Die Style:</b>	Dieless
<b>Operating Pressure:</b>	10,000 PSI
<b>Warranty:</b>	5 year limited warranty

### Accessories:

**PT10054094:** Canvas carry bag (included with tool)

*See Hydraulic Pumps and Hydraulic Hoses; Pump Accessories for other necessary equipment.*

# Y4PC834MBH

## 6-Ton, 4-POINT<sup>®</sup>, Dieless Remote Head Remote Operated Hydraulic Tool

- Dieless System
- Range taking capabilities
- C-shaped head design
- 360° head rotation

### For Use On:

#### Copper

**Terminals:** YA, YA-L (#8-1000 kcmil)

**Splices:** YS-L, YS, YS-T, Y-R (#8-500 kcmil)

#### Copper Flex

**Terminals:** YA-FX, YAV, YA-L-FX (#8-777.7 Flex)

**Splices:** YS, YSV-FXB (#8-500 kcmil)

#### Aluminum

**Terminals:** YA-A, YA-A-TN (#8-750 kcmil)

**Splices:** YS-A (#8-350 kcmil)

**HYPLUG™:** AYP, AYPO (#8-750 kcmil)

*See Expanded Range details in Reference Section*



### Specifications:

<b>Output Force:</b>	6 Tons
<b>Tool Weight:</b>	8.4 lbs
<b>Size:</b>	5.50" x 4.00" x 2.00"
<b>Die Style:</b>	Dieless
<b>Operating Pressure:</b>	10,000 PSI
<b>Warranty:</b>	5 year limited warranty

### Accessories:

**PT10054094:** Canvas carry bag (included with tool)

*See Hydraulic Pumps and Hydraulic Hoses; Pump Accessories  
for other necessary equipment.*

# Tooling

## Crimpers — Remote Hydraulic



# Y34BH

## 9-Ton, Remote C-Head Remote Operated Hydraulic Tool

- Molded rubber covering on head, body, and hose fittings
- Fast ram retraction
- Compact C-shaped forged head

### For Use On:

Copper #4 - 500 kcmil code cable  
 Welding Cable: 350 kcmil  
 N40 to N500 Navy Cable  
 Flexible and Extra Flexible  
 #4 - 4/0 Aircraft Cable

**HYLUG™ Terminals (Bare)**  
**HYLINK™ Splices (Bare)**

### HYCRAB™ BURNDY® Network Connector System

Copper: #4 - 500 kcmil str.  
 Aluminum: #6 - 300 kcmil

### Installation Die Charts for Y34BH

Copper Conductor		
Installation Die		Max. Conductor
Nest	Indenter	
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



### Specifications:

<b>Output Force:</b>	9 Tons
<b>Tool Weight:</b>	8.0 lbs
<b>Size:</b>	16.75" x 3.00" x 3.00"
<b>Die Style:</b>	B style nest & Y34 series indenter dies
<b>Jaw Opening:</b>	1.5"
<b>Operating Pressure:</b>	10,000 PSI
<b>Warranty:</b>	5 year limited warranty

### Variations:

**Y34BH1** Y34BH with 10' non-conductive hose attached at factory

*See Hydraulic Pumps and Hydraulic Hoses; Pump Accessories for other necessary equipment.*

Aluminum Conductor		
Installation Die		Max. Conductor
Nest	Indenter	
B4CD	Y34PA	#6 Str.
B1CD	Y34PA	#4 Str.
B25D	Y34PA	#2 Str.
B26D	Y34PR5	#1 Str.
B27D	Y34PR5	1/0 Str.
B29D	Y34PR5	2/0 Str.
B30D	Y34PR5	3/0 Str.
B31D	Y34PR5	4/0 Str.
B32D	Y34PR5	250 kcmil
No Die Req'd	Y34PR11	300 kcmil

US: 1-800-346-4175 / International: 1-603-647-5299 / Canada: 1-800-387-6487 / [www.burndy.com](http://www.burndy.com)

# Y29BH

## 4.5-Ton, 6,000 PSI Remote Head

Remote Operated Hydraulic Tool

- D series nest dies and Y29 series indenter dies
- Light weight, portable design
- C-shaped head; 1.2" jaw opening
- Easy placement/removal on continuous conductor lengths

### For Use On:

Copper #8 - 2/0 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

Copper #8 - 4/0 AWG

#### Non-Insulated Splices:

(Type YSV-L connectors UL Listed/CSA Certified)  
YSM, YSV-L

### Installation Die Chart for Y29BH

(Connectors meet MIL-T-7928 requirements)

Non-Insulated Connectors		Maximum Conductor	Insulated Connectors	
Nest	Indenter	Size	Nest	Indenter
DV8L1	Y29PL	#8 AWG	DEV8L	Y29PLE1
DV6L	Y29PL	#6 AWG	DEV6L	Y29PLE1
DV4L	Y29PL	#4 AWG	DEV4L	Y29PLE1
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



### Specifications:

Output Force:	4.5 Tons
Tool Weight:	5.0 lbs
Size:	10.75" x 3.00" x 1.25"
Die Style:	D style nest & Y29 series indenter dies
Jaw Opening:	1.15"
Operating Pressure:	6,000 PSI
Warranty:	5 year limited warranty

### Accessories:

See Hydraulic Pumps and Hydraulic Hoses; Pump Accessories for other necessary equipment.



PT30250 metal carrying case (included with tool)

**Plier Hand Tools**

**Y10D for Nylon & Bare**

Hand-held plier tool for #22 - #10 AWG

- One tool for both nylon insulated and bare connectors
- Precision machined wire cutter for aluminum and copper
- Heavy duty forged steel, rust resistant finish

**Y1022 for Nylon, Vinyl & Bare**

Hand-held plier tool for #22 - #10 AWG

- One step stripping #22 - #10 AWG
- Cuts common size mild steel, non-ferrous screws
- Crimps full range of Nylon, Vinyl and Bare terminals and splices

**For Use On:**

**Y10D:**

**#22 - #10 AWG Nylon Insulated Terminals**

Types: TN, TN-F, YAE-N, YAE-N-F, YAE-Z, YAEV, YAES, YAES-E

**#22 - #10 AWG Nylon Insulated Splices**

Types: SN, YSE-HN\*, SNM, YSES, YSE-H\*

**#22 - #10 AWG Bare Uninsulated Terminals**

Types: T, YAD, T-F, YAD-F, YAV, YAV-T-F, YAV-H\*, YAV-H-F\*, YAV-Z

**#22 - #10 AWG Bare Uninsulated Splices**

Types: YSV, YSV-H\*

**Y1022 all of above and also:**

**#22 - #10 AWG Vinyl Insulated Terminals**

Types: TP, BA, TP-F, BA-EF, TP-Z, BA-EZ

**#22 - #10 AWG Vinyl Insulated Splices**

Types: SP, BS

\*Conductor crimp only



**Specifications: (Y10D)**

<b>Size:</b>	9.75" x 5.00" x 1.00"
<b>Weight:</b>	13.5 oz.
<b>Warranty:</b>	5 year limited warranty



**Specifications: (Y1022)**

<b>Size:</b>	8.63" x 5.00" x .75"
<b>Weight:</b>	11 oz.
<b>Warranty:</b>	5 year limited warranty

**YF2210FL****Dieless, Front Load, Ratchet for Ferrules**

Full cycle ratchet tool for insulated/bare ferrules

- Front load crimping position
- Dieless crimping without multiple grooves
- Full cycle ratchet mechanism
- Ratchet release lever

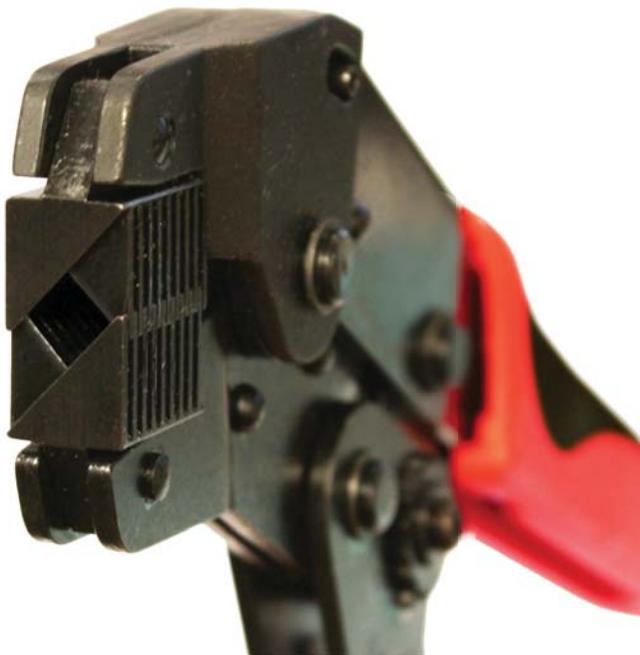
**For Use On:**

**#22 - #10 AWG Insulated and Uninsulated (Bare) Ferrules**

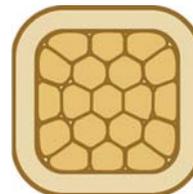
Types: YF, YF-UI Wire End Ferrules

**Specifications:**

<b>Size:</b>	7.75" x 2.38 x 1.00"
<b>Die Style:</b>	Dieless
<b>Weight:</b>	.8 lbs
<b>Output Force:</b>	1,600 lbs
<b>Warranty:</b>	5 year limited warranty



*Close up of YF2210FL front load ratchet tool*



*Crimp Profile*

## YFTOOL Series

### Ratchet Tools for Insulated/Bare Ferrules

Tools covering from #32 AWG to 250 kcmil

- Release mechanism
- Low handle force
- Ergonomic handle design
- Trapezoidal crimp profile unless noted

#### For Use On:

#32 - #6 AWG Insulated and Uninsulated (Bare) Ferrules  
Tool: **YF3206TOOL** (Square crimp profile)

#26 - #10 AWG Insulated and Uninsulated (Bare) Ferrules  
Tool: **YF2610TOOL**

#22 - #14 AWG Insulated and Uninsulated (Bare) Ferrules  
Tool: **YF2214TOOL**

#22 - #10 AWG Insulated and Uninsulated (Bare) Ferrules  
Tool: **YF2210TOOL**

#10 - #6 AWG Insulated and Uninsulated (Bare) Ferrules  
Tool: **YF1006TOOL**

#8 - #1 AWG Insulated and Uninsulated (Bare) Ferrules  
Tool: **YF0801TOOL**

#4 - #1 AWG Insulated and Uninsulated (Bare) Ferrules  
Tool: **YF0401TOOL**

#1/0 - #3/0 kcmil Insulated and Uninsulated (Bare) Ferrules  
Tool: **YF1/03/0TOOL**

#4/0 - #250 kcmil Insulated and Uninsulated (Bare) Ferrules  
Tool: **YF4/0250TOOL**



#### Specifications:

<b>Length:</b>	Varies
<b>Weight:</b>	Varies from 1.02 to 1.80 lbs
<b>Warranty:</b>	2 year limited warranty

**Y8MRB1****Full Cycle Ratchet Tool**

Hand-held ratchet tool for #22 - 8 AWG

- Light weight
- Each indenter has unique identifying marks for inspectability
- Fully enclosed, protected ratchet mechanism does not allow the handles to be opened until full ratchet cycle is completed
- Inspection gauges (sold separately) available to check each groove

**For Use On:****#22 - 8 AWG Uninsulated (Bare) Terminals:**

Types: T, YAD, T-F, YAD-F, YAV, YAV-L, YAV-T-F, YAV-Z

**#22 - 8 AWG Uninsulated (Bare) Splices:**

Types: YSV, YSV-L

**Specifications:**

<b>Weight:</b>	1.2 lbs
<b>Size:</b>	10.56" x 3.50" x 1.12"
<b>Die Style:</b>	Permanent Dies
<b>Warranty:</b>	5 year limited warranty

**Accessories:**

<b>PG3951</b>	Inspection gauge for #18 groove
<b>PG3961</b>	Inspection gauge for #14 groove
<b>PG3971</b>	Inspection gauge for #10 groove
<b>PG3981</b>	Inspection gauge for #8 groove

## MR8 Series

### Fully Protected Ratchet Mechanism

Full cycle ratchet tools for critical applications

- Fully enclosed, protected ratchet mechanism does not allow the handles to be opened until full ratchet cycle is completed
- Designed for critical applications such as nuclear-class 1E terminations, heavy duty industrial, aircraft
- Lightweight aluminum
- Easy groove identification with color-coded dies

#### For Use On:

**MR81A:** #22 - #10 AN Copper Cable  
INSULUG™ terminals/splices  
YAE

**MR89Q:** #18 - #8 AN Copper Cable  
#22 - #10 AWG Sol. Cable  
#22 - #8 AWG Str. Cable  
YAV, YSV, T, T-F, YAD, YAD-F

**MR833S1,  
MR833T1:** #18 - #10 MIL-W-5086 Str.  
YSE, YSE-H

**MR8G96:** #22 - #14  
TP, BA

**MR8G98:** #22 - #10  
YAV, T, YAD



#### Specifications:

<b>Size:</b>	10.50" x 3.50" x 1.50"
<b>Weight:</b>	1.5 lbs
<b>Die Style:</b>	Permanent Dies
<b>Warranty:</b>	5 year limited warranty

# Y10MRSA1

## Ergonomic Full Cycle Ratchet

Hand-held tool using J-dies for #22 - #10 AWG

- Compact, narrow nose with scissor action
- Uses J-style die inserts (sold separately)
- High-strength steel frame, rubber covered comfort handles
- Ergonomic design requires less handle force

### For Use On:

with J1022NC1 die (sold separately):

**#22 - #10 AWG Nylon Insulated Terminals/Splices**

Types: YAE, YAE-N, YAE-N-F, YAE-Z

with J1022NC2 die (sold separately):

**#22 - #10 AWG Nylon Insulated Terminals/Splices**

Types: YAEV, YAEV-L, YAEV-H, YAEV-RH, YAEV-RS

with J1022NC3 die (sold separately):

**#22 - #10 AWG Nylon Insulated Terminals/Splices**

Types: TN, YAES, TN-F, YAES-F, SN, YSE-HN

with J1022NC4 die (sold separately):

**#22 - #10 AWG Vinyl Insulated Terminals/Splices**

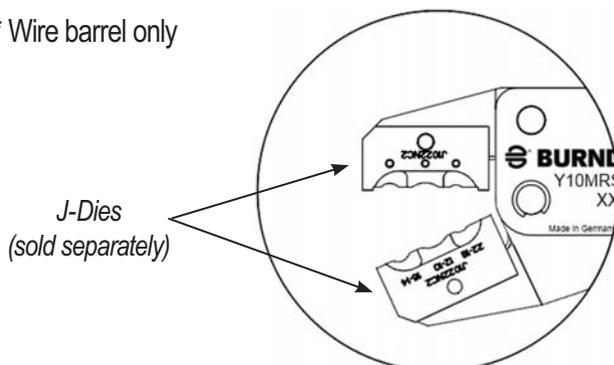
Types: TP, BA, TP-F, BA-EF, TP-Z, BA-EZ, TP-LF, BA-EL, SP, BS

with J1022NC5 die (sold separately):

**#22 - #10 AWG Uninsulated (Bare) Terminals/Splices\***

Types: T, YAD, T-F, YAD-F, YAV, YAV-L, YAV-H, YAV-R, YAV-RS, YAV-T-F, YAV-H-F, YAV-Z, YSV, YSV-H, YSV-L

\* Wire barrel only



### Specifications:

Size:	10.75" x 3.12" x 1.88"
Die Style:	J style
Weight:	1.3 lbs
Warranty:	5 year limited warranty

### Accessories:

J1022NC1:	J die set see detail under For Use On section
J1022NC2:	J die set see detail under For Use On section
J1022NC3:	J die set see detail under For Use On section
J1022NC4:	J die set see detail under For Use On section
J1022NC5:	J die set see detail under For Use On section

## MRE1022 Series

### Ergonomic Full Cycle Ratchet

Hand-held tools for #22 - #10 AWG Nylon/Vinyl & Bare

- Ratchet mechanism does not allow handles to open until full cycle is complete
- Stop plate ensures proper location for consistent reliable connection
- Die Inspection Gauges available (sold separately)
- Easy groove identification with color coded dies
- Ratchet release lever in case of misalignment

#### For Use On:

##### MRE1022B

**#22 - #10 AWG Uninsulated (Bare) Terminals/Splices**

Types: T, YAD, T-F, YAD-F, YAV, YAV-H, YAV-R, YAV-T-F, YAV-H-F, YAV-Z, YSV, YSV-H

##### MRE1022NV

**#22 - #10 AWG Nylon & Vinyl Insulated Terminal/Splices**

Types: TP, BA, TP-F, BA-EF, TP-Z, BA-EZ, 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



Close-up  
MRE1022NV



#### Specifications:

Weight:	1.3 lbs
Size:	10.50" x 3.00" x 1.00"
Width:	3"
Die Style:	Permanent Dies
Warranty:	5 year limited warranty

#### Accessories:

PG4032R:	Die Inspection Gauge for #22 - #14 AWG for MRE1022B
PG4031R:	Die Inspection Gauge for #12 - #10 AWG for MRE1022B
PG4061:	Die Inspection Gauge for #22 - #18 AWG (Red) for MRE1022NV
PG4071:	Die Inspection Gauge for #16 - #14 AWG (Blue) for MRE1022NV
PG4081:	Die Inspection Gauge for #12 - #10 AWG (Yellow) for MRE1022NV

US: 1-800-346-4175 / International: 1-603-647-5299 / Canada: 1-800-387-6487 / [www.burndy.com](http://www.burndy.com)

## MR Series

### Full Cycle Ratchet

Hand-held tools for #22 - #10 AWG

- Ratchet mechanism does not allow handles to open until full cycle is complete
- Easy groove identification with color coded dies
- Compact, narrow nose
- Comfort grip handles
- Ratchet release lever in case of misalignment

#### For Use On:

##### MR15

**#22 - #10 AWG Vinyl Insulated Terminals/Splices**

Types: TP, BA, TP-F, BA-EF, TP-Z, BA-EZ, TP-LF, BA-EL, SP, BS

##### MR18

**#22 - #10 AWG Nylon Insulated Terminals/Splices**

Types: TN, TN-F, YAES, YAES-F, SN, SNM, YSE-HN, YSES

##### MR20

**#22 - #10 AWG Uninsulated (Bare) Terminals/Splices**

Types: T, YAD-F, T-F, YAV-H\*, YAV, YAV-H-F\*, YAD, YAV-T-F, YSV, YSV-H\*

\*Conductor crimps only



#### Specifications:

<b>Size:</b>	8.88" x 6.00" x 2.50"
<b>Weight:</b>	1.1 lbs
<b>Warranty:</b>	5 year limited warranty

#### Accessories:

<b>MR15DIESETD1:</b>	MR15 interchangeable die set
<b>MR18DIESETD1:</b>	MR18 interchangeable die set
<b>MR20DIESETD1:</b>	MR20 interchangeable die set

## MR4C

### Full Cycle Ratchet

Hand-held tool for #9 - #4 AWG Bare Terminals/Splices

- Reinforced heavy duty back with high strength aluminum body
- Fully protected ratchet mechanism does not allow handles to open until full cycle is completed
- Inspection gauges available to check each groove (sold separately)
- Spring loaded indentor jaw, keeps jaws closed

#### For Use On:

**#9 - #4 AWG Uninsulated (Bare) Terminals/Splices**

Types: YAV-L, YA-L, YSV, YSM, YS-L



#### Specifications:

<b>Length:</b>	11.75" x 3.62" x 1.00"
<b>Weight:</b>	2.3 lbs
<b>Die Style:</b>	Permanent Dies
<b>Warranty:</b>	5 year limited warranty

#### Accessories:

<b>PG1211:</b>	Die Inspection Gauge for #9 - #8 AWG groove
<b>PG1251:</b>	Die Inspection Gauge for #6 AWG groove
<b>PG1331:</b>	Die Inspection Gauge for #4 AWG groove

# Y1MRTC

## Rotating Die Full Cycle Ratchet

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

- Die index embossment
- Rotating die with color coding to match connectors
- Ratchet mechanism with release in case of misalignment

### For Use On:

See charts for details

#8 - #1 AWG Uninsulated (Bare) Terminals and Splices

Types: YA, YAV, YS, YSV

Thin Wall C-Taps:

YC10L12, YC8L12, YC6L12, YC4L12

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

\*\*Die Index 10/Brown and 11/Green use the same die wheel crimp groove.



### Specifications:

Size:	9.88" x .75" x 2.75"
Weight:	1.7 lbs
Die Style	Rotating Die Wheel
Warranty:	5 year limited warranty

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

### Variations:

- Y1MRKIT** Y1MRTC tool, sturdy metal carrying case and select terminals/splices
- Y1MRTCKIT** Y1MRTC tool, sturdy metal carrying case, selected terminals and YC4L12 Thin-Wall C-Tap

# Tooling

## Crimpers — Mechanical & Ratchet



# Y122CMR

## Ergonomic Full Cycle

For #12 - #2 AWG Stranded, Solid, and Flex

- Overmolded comfort grip handles
- Easy groove identification with color coded dies
- UL Listed/CSA Certified connections when used with recommended BURNDY terminals/splices
- Die index embossment for all 6 wire ranges
- Emergency release mechanism in case of misalignment or mistaken die choice
- Two different kits are also available with a selection of connectors in a sturdy metal carrying case (Y122CMRKIT and Y122CMRCIKIT)



Accommodates Copper Terminals and Splices				
Copper Wire Size	Connector Catalog Types	Die Index # (Color Code)	Number of Crimps	
			Standard Barrel	Long Barrel
#10 - #12 AWG Sol. & Str.	T10-, YAD10-, YAV10, YAZ10, YAZV10-	-- (Yellow)	1	N/A
#8 AWG Code & Flex	YA8C-, YAV8C-, YAZ8C-, YAZV8C-, YS8C, YSV8C-	49 (Red)	1	2
#6 AWG Code	YA6C-, YAZ6C, YS6C-	7 (Blue)	1	2
#6 AWG Code & Flex	YAV6C-, YAZV6C-, YSV6C-			
#4 AWG Code	YA4C-, YAZ4C-, YS4C-	8 (Gray)	2	4
#4 AWG Code & Flex	YAV4C-, YAZV4C-, YSV4C-			
#3 AWG Code & #2 AWG Sol	YA3C-, YS3C	9 (White)	2	4
#2 AWG Code	YA2C-, YAZ2C-, YS2C-	10 (Brown)	2	4
#2 AWG Code & Flex	YAV2C-, YAZV2C-, YSV2C-			
#10 to #4	Accommodates Copper C-Tap Connectors: YC10L12, YC8L12, YC6L12, and YC4L12			

### Specifications:

**Size:** 10.50" x 3.00" x 1.00"  
**Weight:** 1.3 lbs  
**Die Style:** Rotating Die Wheel  
**Warranty:** 5 year limited warranty

### Accessories:

Die Inspection Gages are available and sold separately.

Gage Catalog Number	AWG Size	Die Index	Color Code
PG4091	#10 - #12	--	Yellow
PG4092	#8	49	Red
PG4093	#6	7	Blue
PG4094	#4	8	Gray
PG4095	#3	9	White
PG4096	#2	10	Brown

US: 1-800-346-4175 / International: 1-603-647-5299 / Canada: 1-800-387-6487 / www.burndy.com

# Y122CMR Kits

## Y122CMR Tool with selected connectors For #12 - #2 AWG Stranded, Solid, and Flex

- Overmolded comfort grip handles
- Easy groove identification with color coded dies
- UL Listed/CSA Certified connections when used with recommended BURNDY terminals/splices
- Die index embossment for all 6 wire ranges
- Two kits available that include popular connectors in a sturdy metal carrying case
- **Y122CMRKIT** offers select LONG barrel connectors
- **Y122CMRCIKIT** offers select STANDARD barrel connectors



Y122CMRKIT shown

### Specifications:

<b>Size:</b>	18.00" x 7.50" x 2.00"
<b>Weight:</b>	13.7 lbs
<b>Die Style</b>	Rotating Die Wheel
<b>Warranty:</b>	5 year limited warranty

Y122CMRKIT Contents: (all connectors are LONG Barrel)		
Catalog Number	Description	Quantity
Y122CMR	HYTOOL™ Full Cycle Ratchet Tool	1
Y1MRKITCASE	Metal Case for Tool and Connectors	1
YAV102TC14	#10 Sol & Str, 1/4" Stud, 2 Holes	15
YAZV10TC14	#10 Sol & Str, 1/4" Stud, 1 Hole	15
YAZV102TC14	#10 AWG, 1/4" Stud, 2 Holes	15
YAZ8CTC14	#8 AWG, 1/4" Stud, 1 Hole	15
YAZ8C2TC38	#8 AWG, 3/8" Stud, 2 Holes	15
YAZ6CTC14	#6 AWG, 1/4" Stud, 1 Hole	15
YAZ6C2TC38SL	#6 AWG, 3/8" Stud, 2 Slotted Holes	15
YAZ6C2TC14	#6 AWG, 1/4" Stud, 2 Holes	15
YAZV6C2TC14FX	#6 Code & Flex, 1/4" Stud, 2 Holes	15
YAZ6C2TC38	#6 AWG, 3/8" Stud, 2 Holes	15
YAZ4C2TC38	#4 AWG, 3/8" Stud, 2 Holes	15
YAZ3C2TC14	#3 AWG, 1/4" Stud, 2 Holes	15
YAZ3C2TC38SL	#3 AWG, 3/8" Stud, 2 Slotted Holes	15
YAZ2C2TC38	#2 AWG, 3/8" Stud, 2 Holes	15
YAZ2C2TC38SL	#2 AWG, 3/8" Stud, 2 Slotted Holes	15
YAZV2C2TC14FX	#2 Code & Flex, 1/4" Stud, 2 Holes	15
Y122MRSOMI	Safety Operating & Maintenance Instructions	1

### Accessories:

Die Inspection Gages are available and sold separately.  
See **Y122CMR** catalog page for details.

Y122CMRCIKIT Contents: (all connectors are STANDARD Barrel)		
Catalog Number	Description	Quantity
Y122CMR	HYTOOL™ Full Cycle Ratchet Tool	1
Y1MRKITCASE	Metal Case for Tool and Connectors	1
YAV10T3	#10 Sol & Str, 1/4" Stud, 1 Hole	15
YA8CL	#8 AWG, #10 Stud, 1 Hole	15
YA8CL1	#8 AWG, 1/4" Stud, 1 Hole	15
YA6CL	#6 AWG, 1/4" Stud, 1 Hole	15
YAV6CLTC14FX	#6 AWG & Flex, 1/4" Stud, 1 Hole	15
YA4CL	#4 AWG, 1/4" Stud, 1 Hole	15
YAV4CLTC516FX	#4 AWG & Flex, 5/16" Stud, 1 Hole	15
YA2CL	#2 AWG, 5/16" Stud, 1 Hole	15
YAV2CLTC516FX	#2 AWG & Flex, 5/16" Stud, 1 Hole	15
YSV10	#10 Sol & Str Splice	15
YS8CL	#8 AWG Splice	15
YS6CL	#6 AWG Splice	15
YS4CL	#4 AWG Splice	15
YS2CL	#2 AWG Splice	15
Y122MRSOMI	Safety Operating & Maintenance Instructions	1

# Tooling

## Crimpers — Mechanical & Ratchet



### M8ND

#### Full Cycle Ratchet

Hand-held tools for #26 - #8 AWG Terminals/Splices

- Ratchet mechanism does not allow handles to open until full cycle is complete
- Fully protected ratchet mechanism
- Uses standard BURNDY N style dies (sold separately)
- Easy groove identification with color coded dies

#### For Use On:

##### #26 - #8 AWG Terminals/Splices

**Terminal Types:** 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

**Splice Types:** YSV, YSM, YSV-H, YRV-L



M8ND shown with N8CT die set installed. (Dies sold separately.)

#### Specifications:

Weight:	1.8 lbs
Size:	10.88" x 2.00" x .88"
Die Style:	N style
Cycles:	10,000
Warranty:	5 year limited warranty

US: 1-800-346-4175 / International: 1-603-647-5299 / Canada: 1-800-387-6487 / [www.burndy.com](http://www.burndy.com)

Electronic Update November 2015

## MRC840 Series

### Mechanical Rotating Crimp Tool

For #8 - 4/0 AWG Uninsulated (Bare) Terminals/Splices

- Heat treated steel jaws
- Spring loaded mechanism locks die wheel into position
- Multiple crimp selection with rotatable die wheels
- Die index embossment for inspectability

#### For Use On:

##### MRC840

#8 - #4/0 AWG Copper Terminals/Splices

Types: YA, YA-L, YS, YS-L

##### MRC840AL

#8 - #4/0 AWG Aluminum Terminals/Splices

Types: YA-A, YS-A



#### Specifications:

<b>Size:</b>	26.00" x 8.00" x 1.50"
<b>Weight:</b>	8.3 lbs
<b>Die Style:</b>	Rotating Die Wheel
<b>Warranty:</b>	5 year limited warranty

# Tooling

## Crimpers — Mechanical & Ratchet



### MY28/MY29 Series

#### Dieless Mechanical Compression Tools

#8 Str. - 250 kcmil Copper; #8 Str. - 4/0 Str. Aluminum

- Easy to adjust nest die with knurled steel knob and machine threads
- Rugged tool design with heavy duty forged steel with reinforced back and handles
- Bench mount adapter (sold separately) available

#### For Use On:

##### MY293, MY293C (covered handles), MY293CF (fully covered)

#8 Str. - 250 kcmil Copper commercial (code) cable

30 Navy - 250 Navy Copper Navy cable

#8 Str. - 4/0 Str. Aluminum commercial (code) cable

Types (Copper): YA, YA-L, YS-L

Types (Aluminum): YA-A, YS-A

##### MY2911, MY2911C (covered handles), MY29UNIVERSALKIT (MY2911 tool with select connectors)

#8 Str. - 250 kcmil Copper commercial (code) cable

30 Navy - 250 Navy Copper Navy cable

#8 Str. - 4/0 Str. Flexible copper mine machine cable

Types (Copper): YA, YA-L, YS, YAV-FX, YS-L,

YAV-L, YSV-L

##### MY28

#8 Str. - 4/0 Str. Copper aircraft cable

Types (Copper): YAV-L, YSV-L

##### MY284

#8 Str. - 4/0 Str. Aluminum aircraft cable

Types (Aluminum): YAV-A-L, YSV-A-L, YAV-A-R

##### MY286

#8 Str. - 2/0 Str. Copper aircraft cable (flexible)

Types (Copper): Nylon Insulated: YAE-L, YAEV-RS,  
YAEV-H, YAEV-RH



#### Specifications:

Weight:	8.0 lbs
Size:	22.65" x 4.88" x 1.12"
Die Style:	Dieless
Cycles:	10,000
Warranty:	5 year limited warranty

#### Accessories:

BMYPCHMT: Bench Mount Adapter

*Close-up of dieless mechanism*



US: 1-800-346-4175 / International: 1-603-647-5299 / Canada: 1-800-387-6487 / [www.burndy.com](http://www.burndy.com)

**OH25****Dieless Full Cycle Ratchet**

Installs Service Entrance Splice Connectors #10 - 1/0

- Ratchet mechanism does not allow handles to open until full cycle is complete
- Easy, one-hand operation incrementally closes jaws with each handle stroke
- Spring-loaded comfort grip handles
- Forged steel jaws and stainless steel indenter

**For Use On:****Conductor Range: #10 - 1/0**

5/8" Service Entrance Sleeves:

INSULINK™ Type ES (insulated) #10 - 1/0 Str.

LINKIT™ Type YSU (bare) #8 - 1/0 Str.

5/8" Neutral Tension Sleeves HYSPLICE™

Types: YS-S, YCS-R, YDS-AT (#4 - 1/0)

AYP Type HYPLUG™ #6 - 1/0 Str.

**Specifications:**

<b>Handle Force:</b>	50 lbs max.
<b>Force Developed:</b>	6,000 lbs max.
<b>Size:</b>	12.25" x 3.75" x 1.50"
<b>Weight:</b>	2 lbs. 11 oz.
<b>Die Style:</b>	Dieless
<b>Warranty:</b>	5 year limited warranty

**Accessories:**

<b>PT4583:</b>	Leather Holster
<b>PT8504:</b>	Go/No-Go Gauge; used to check crimp dimensions



**PT4583** Leather Holster  
(sold separately; shown with  
OH25 tool)

# Tooling

## Crimpers — Mechanical & Ratchet



# OUR840

## 840 POPPER™ HYTOOL™

Overhead/Underground Applications; Full Cycle Ratchet

- Allows proper crimping of sleeves/terminations in underground applications
- Uses X dies for reduced handle force and W dies for fewer number of crimps
- UL Listed connections when used with BURNDY Listed connectors and color-coded X dies

**For Use On:** See charts for details

### Selected Applications

Copper conductors #8 AWG - 250 kcmil

Aluminum conductors #8 AWG to 4/0 AWG

Copper Terminals & Splices					
Copper Wire Size	Connector Catalog Types	Die	Die Index # (Color)	# Crimps per Barrel Length	
				Std	Long
#8 AWG Str.	YA8C-, YS8C-	X8CRT	49 (Red)	1	2
#6 AWG Str.	YA6C-, YS6C-	X5CRT	7 (Blue)	1	2
#5 AWG Str.	YA5C-, YS5C-				
#4 AWG Str.	YA4C-, YS4C-	X4CRT	8 (Gray)	1	2
#2 AWG Str.	YA2C-, YS2C-	X2CRT	10 (Brown)	1	2
#1 AWG Str.	YA1C-, YS1C-	X1CRT	11 (Green)	1	2
1/0 AWG Str.	YA25-, YS25-	X25RT	12 (Pink)	2	4
2/0 AWG Str.	YA26-, YS26-	X26RT	13 (Black)	2	4
3/0 AWG Str.	YA27-, YS27-	X27RT	14 (Orange)	3	6
4/0 AWG Str.	YA28-, YS28-	X28RT	15 (Purple)	3	6
250 kcmil	YA29-, YS29-	X29RT	16 (Yellow)	4	8

### Accessories:

- XOH25:** Nest/Indenter die set for OUR840  
**W28K:** Cutter die for #4 - 4/0 ACSR, Copper, Aluminum  
**PT4583:** Leather Holster made from top grain cowhide saddle leather with large grommet  
**OUR840WC:** Metal carrying case with die tray - holds OUR840 tool and up to eleven (11) X dies (sold separately)



### Specifications:

- Handle Force:** 8 lbs max.  
**Force Developed:** 8,000 lbs max.  
**Die Style:** W and X style dies  
**Size:** 13.00" x 3.75" x 1.50"  
**Weight:** 2 lbs. 14 oz.  
**Warranty:** 5 year limited warranty

Aluminum Terminals & Splices				
Aluminum Wire Size	Connector Catalog Types	Die	Die Index # (Color)	# Crimps
#8 AWG Str.	YA8CA-, YS8CA	X8CART	374 (Blue)	2
#6 AWG Str.	YA6CA-, YS6CA	X6CART	346 (Gray)	2
#4 AWG Str.	YA4CA-, YS4CA-	X4CART	375 (Green)	3
#2 AWG Str.	YA2CA-, YS2CA-	X2CART	348 (Pink)	4
#1 AWG Str.	YA1CA-, YS1CA-	X1CART	471 (Gold)	3
1/0 AWG Str.	YA25A-, YS25A-	X25ART	296 (Tan)	4
2/0 AWG Str.	YA26A-, YS26A	X26ART	297 (Olive)	4
3/0 AWG Str.	YA27A-, YS27A-	X27ART	467 (Ruby)	4
4/0 AWG Str.	YA28A-, YS28A-	X28ART	298 (White)	6

US: 1-800-346-4175 / International: 1-603-647-5299 / Canada: 1-800-387-6487 / www.burndy.com

## MD6 Series

### Hand-Operated HYTOOL™

Installs full range of connectors #14 - 4/0

- Uses BURNDY® W dies
- Spring loaded positive lock die retainer buttons
- Multiple variations available

#### For Use On:

Copper, Aluminum, ACSR, Steel, Copperweld, Alumoweld, 6201, 5005, Compressed, and Compact Conductors

#### Taps:

Copper: #10 sol. to 2/0 str.

Aluminum & ACSR: #14 sol. to 4/0 ACSR

#### Stirrups:

#6 to 4/0 ACSR

#### Overhead Full Tension Deadends, Full Tension Splices and Terminals:

#10 str. to 4/0 ACSR

#### Installs Splices, Taps or Terminations:

#8 to 500 kcmil Copper Stranded (YA, YA-L, YS, YS-L)

#8 to 350 kcmil Copper Flex

#8 to 350 kcmil Aluminum (YA-A, YS-A)

#### Variations:

- MD6** Permanent BG (5/8) and D3 grooves; with WO die (sold separately) can install the CABLELOK CRIMPIT™ and HYCRIMP™ tap connectors
- MD68** Permanent O and D3 grooves; with WBG die (sold separately) can install the CABLELOK CRIMPIT™ and HYCRIMP™ tap connectors
- MD66** Snub-nose, permanent D3 groove only
- MD637** Permanent 161, 162, 163, 171 dies in jaw (J, M & P, T & X)
- MD638** Permanent K, BG, C dies in jaw
- MD6K** Snub-nose, accepts KEARNEY™ type O dies; using KWADP adapter (sold separately) will accept BURNDY W and X dies

**Hotstick Tools Available - Contact Customer Service**



#### Specifications:

<b>Crimp Force:</b>	4.5 Tons
<b>Life Cycle:</b>	Tested over 90,000 cycles with no adjustments or part replacement
<b>Length:</b>	25.50" x 4.50" x 2.00"
<b>Weight:</b>	6.0 lbs
<b>Die Style:</b>	W and X styles
<b>Warranty:</b>	5 year limited warranty

#### Variations (continued):

- MD64** Permanent BG (5/8) and D3 grooves; straight fiberglass handles 24" long; fiberglass rated 100kV per foot for 5 min.
- MD614** Permanent BG (5/8) and D3 grooves; straight fiberglass handles 19" long with grips; fiberglass rated 100kV per foot for 5 min.
- MD612** Permanent O and D3 grooves; straight fiberglass handles 24" long; fiberglass rated 100kV per foot for 5 min.

#### Accessories:

- WBG:** Common die set for MD68, MD612
- WO:** Common die set for MD6, MD64, MD614
- KWADP:** Adapter to use BURNDY W and X dies with MD6K variation
- WDIETREE:** W die holder for 6 die sets

# Tooling

## Crimpers — Mechanical & Ratchet



### MD7 Series

#### Hand-Operated HYTOOL™

Installs full range of connectors #14 - 4/0

- Accepts W and X Dies
- Ergonomic, one-piece composite polymer handles
- Nickel plated jaws and jaw links

#### For Use On:

Copper, Aluminum, ACSR, Steel, Copperweld, Alumoweld, 6201, 5005, Compressed, and Compact Conductors

#### Taps:

Copper: #10 sol. to 2/0 str.

Aluminum & ACSR: #14 sol. to 4/0 ACSR

#### Stirrups:

#6 to 4/0 ACSR

#### Overhead Full Tension Deadends, Full Tension Splices and Terminals:

#10 str. to 4/0 ACSR

#### Installs Splices, Taps or Terminations:

#8 to 500 kcmil Copper Stranded (YA, YA-L, YS, YS-L)

#8 to 350 kcmil Copper Flex

#8 to 350 kcmil Aluminum (YA-A, YS-A)

#### Variations:

**MD7** Permanent BG (5/8) and D3 grooves; with WO die (sold separately) can install the CABLELOK CRIMPIT™ and HYCRIMP™ tap connectors

**MD78** Permanent O and D3 grooves; with WBG die (sold separately) can install the CABLELOK CRIMPIT™ and HYCRIMP™ tap connectors

**MD76** Snub-nose, permanent D3 groove only



#### Specifications:

<b>Output Force:</b>	4.5 Tons
<b>Size:</b>	25.00" x 4.50" x 2.00"
<b>Weight:</b>	7.0 lbs.
<b>Die Style:</b>	W and X styles
<b>Life Cycle:</b>	Tested over 90,000 cycles with no adjustments or part replacement
<b>Warranty:</b>	5 year limited warranty

#### Accessories:

<b>WBG:</b>	Common die set for MD78
<b>WO:</b>	Common die set for MD7, MD76
<b>WDIETREE:</b>	W die holder for 6 die sets

US: 1-800-346-4175 / International: 1-603-647-5299 / Canada: 1-800-387-6487 / [www.burndy.com](http://www.burndy.com)

Electronic Update November 2015

**MD734R****Hand-Operated POSI-PRESS™**

Hand-operated full cycle ratchet tool

- Full stroke ratchet mechanism
- Ergonomical one-piece composite polymer handles
- Allows use of complete W-VT, W-RT and X-RT line of BURNDY dies with die embossment

**For Use On:****Copper Lugs/Splices #8 - 500 kcmil:**

Types: YA, YA-L, YA-L-TC, YA-L-NT, YS-L, YS, YST, YA-TC

**Copper Lugs/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**

Type: YAG-TC-LD

**Thin Wall C-Taps #12 - 3/0 AWG**

Type: YC-L

**Variations:**

<b>MD734RC</b>	MD734R tool with EPDM rubber covering
<b>MD734RKIT1</b>	MD734R tool, metal carrying case and all dies for #8 - 500 kcmil copper HYDENT™ and C-Taps for #12 - 3/0 AWG
<b>MD734</b>	Supplied <u>without</u> the ratchet mechanism
<b>MD734KIT1</b>	MD734 tool (no ratchet mechanism), metal carrying case and all dies for #8 - 500 kcmil copper HYDENT™ and C-Taps for #12 - 3/0 AWG

**Specifications:**

<b>Crimp Force:</b>	4.5 Tons
<b>Length:</b>	26.00" x 4.50" x 2.00"
<b>Width:</b>	8.00" at handles; 4.50" at jaws
<b>Die Style:</b>	W-VT, W-RT, and X-RT Styles
<b>Handle Material:</b>	Reinforced composite polymer
<b>Warranty:</b>	5 year limited warranty

**Accessories:**

<b>PT49521:</b>	Metal carry case (sold separately)
<b>PT4925:</b>	Canvas bag (sold separately)
<b>WDIETREE:</b>	W die holder for 6 sets of dies (sold separately)

# Y46OEM12T

## 12 Ton Remote Operated HYPRESS™ Designed for OEM Applications, Bench Mounted

- Head mounted at 45° angle
- U dies for copper and aluminum
- Forged steel tool, precision machined components
- Coupler at 90° angle

### For Use On:

#### Copper Terminals (Bare) #6 - 750 kcmil Code/Navy:

Types: YA, YA-2N, YA-L, YA-LB, YA-TC, YA-2LN, YAB-4N,  
YAV-L, YAV-RS, YA-TC-FX

#### Copper Terminals (Insulated) #8 - 2/0 Flex/Extra Flex

Types: YAEV-L, YAEV-H, YAEV-RS, YAEV-RH

#### Aluminum Terminals #6 - 750 kcmil Code

Types: YA-A, AYP, AYPO

### Variations:

<b>Y46OEM12TKIT</b>	Kit complete with Y46OEM12T tool, Y8AC9 pump, and PT2990010 hose
<b>Y46OEM12TKITFC</b>	Kit complete with Y46OEM12TKIT (see above) and YACFC foot switch
<b>Y46OEM12TKIT1</b>	Kit complete with Y46OEM12TKIT (see above), Y46OEMGUARD, Y46OEMLOCATOR, and 12TONP1
<b>Y46OEM12TKIT1FC</b>	Kit complete with Y46OEM12TKIT1 (see above) and YACFC foot switch



### Specifications:

<b>Operating Pressure:</b>	8,800 PSI
<b>Force Developed:</b>	12 Tons
<b>Weight:</b>	34.5 lbs
<b>Size:</b>	14.00" x 12.25" x 10.00"
<b>Die Style:</b>	U Dies (with PUADP-1 adapter, included)
<b>Warranty:</b>	2 year limited warranty

### Accessories:

<b>Y8AC9:</b>	5/8 HP Electric Hydraulic Pump 8,800 PSI
<b>PT2990010:</b>	10 foot long hydraulic hose
<b>YACFC:</b>	Foot switch for Y8AC9 pump
<b>Y46OEMGUARD:</b>	Clear safety shield
<b>Y46OEMLOCATOR:</b>	Adjustable connector locator
<b>12TONP1:</b>	Factory installed stroke limiter
<b>UDIEKITCU:</b>	U die kit complete with 15 U die sets for crimping #6 AWG - 750 kcmil copper, provided in one metal storage case
<b>UDIEKITAL:</b>	U die kit complete with 15 U die sets for crimping #6 AWG - 750 kcmil aluminum, provided in one metal storage case

US: 1-800-346-4175 / International: 1-603-647-5299 / Canada: 1-800-387-6487 / [www.burndy.com](http://www.burndy.com)

# Y46OEM11T

## 11 Ton Remote Operated HYPRESS™

Designed for OEM Applications, Bench Mounted

- Same crimp profile as 644 Series tools with dedicated P644 die set permanently affixed
- "1 Crimp" technology for most long and standard length barrel terminals
- Expanded range taking capacity

### For Use On:

#### Copper Terminals #6 - 750 kcmil Code/Navy (Terminals):

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

#### Copper Terminals #6 - 500 kcmil Code/Navy (Splices):

Types: YS-L, YS-T, YS

#### Aluminum #6 - 500 kcmil

Terminal Types: YA-A, YA-A-TN  
HYPLUG™ Types: AYP, AYPO

#### Aluminum #6 - 350 kcmil

Splice Type: YS-A

### Variations:

**Y46OEM11TKIT** Kit complete with Y46OEM11T tool, Y7AC9 electric pump (7,300 PSI), and PT2990010 10' hydraulic hose

### NOTE:

Not to be used with 10,000 PSI operating pressure.  
Ensure ONLY 7,300 PSI is used for this 11-Ton output force tool.



### Specifications:

<b>Operating Pressure:</b>	7,300 PSI
<b>Force Developed:</b>	11 Tons
<b>Weight:</b>	34.5 lbs
<b>Size:</b>	14.00" x 12.25" x 10.00"
<b>Die Style:</b>	P644 die permanently affixed
<b>Warranty:</b>	2 year limited warranty

### Accessories:

<b>Y7AC9:</b>	7,300 PSI Electric Hydraulic Pump
<b>PT2990010:</b>	10 foot long hydraulic hose
<b>Y46OEMGUARD:</b>	Clear safety shield
<b>Y46OEMLOCATOR:</b>	Adjustable connector locator

OEM840NCP

**OEM Pneumatic Press**

Installs #8 - 4/0 AWG

- Customizable clear safety guard for left, right, or front feed cable entry
- Guarded foot switch
- Adjustable connector locator
- Cycle counter
- Accommodates UM, U and W dies
- Testing for UL Listing performed up to:
  - U dies: UL Listed to 1/0 AWG (YA-L), #2 AWG (YAV-L)
  - W dies: UL Listed to 3/0 AWG (YA-L), 1/0 AWG (YAV-L)

**Accessories:**

- PT50024685:** U / UM Die Holder Assembly  
**PT50024683:** W Die Holder Assembly  
**PT50024605:** Front Safety Guard

See Connector and Die Selection Matrix below  
 all dies, nest and indenters are sold separately



**Specifications:**

- Weight:** 60.0 lbs  
**Size:** 22.75" x 12.38" x 10.25"  
 (18.56" L with air gauge)  
**Die Style:** UM, U, W Styles  
**Crimp Speed:** 3 seconds (approximately)  
**Life Cycles:** 2.5 M cycles (min)  
**Air Pressure:** 90-100 PSI  
**Connector Port:** 3/8" NPT female thread  
**Warranty:** 2 year limited warranty

Connector and Die Selection Matrix				
Wire Size	YAD-M Connectors		YA and YA-L Connectors	
	UM Dies (DLO Copper)		U Dies (Code)	W Dies (Code)
	Indenter	Nest	Copper	Copper
#8 AWG	UMA	UM8CN	U8CRT	W8CRT
#6 AWG	UMB	UM6CN	U6CRT	W6CRT
#4 AWG	UMB	UM4CN	U4CRT	W4CRT
#2 AWG	UMB	UM2CN	U2CRT	W2CRT
1/0 AWG	UMC	UM25N	U25RT	W25RT
2/0 AWG	UMC	UM26N	U26RT	W26RT
3/0 AWG	UMC	UM27N	U27RT	W27RT
4/0 AWG	UMC	UM28N	U28RT	W28RT



UM Nest/Indenter



UM Crimped Terminal

# Y6NCP1

## Pneumatic OEM Crimp Tool

Accepts J-dies for wider wire range

- UL Listed connections used with BURNDY UL Listed connectors
- 360° rotating head
- Reliable crimp performance
- Tested to 300,000 crimps without a failure
- Pull Out Force exceeds Mil Spec/SAE\*

### For Use On:

#### Copper - #22 - #4 AWG

Nylon, Vinyl and Bare Terminals/Splices

#### Nylon:

YAE, YAE-N, YAE-N-F, YAE-Z, YAEV, YAEV-L, YAEV-H, YAEV-RH, YAEV-RS, TN\*, YAES\*, TN-F\*, YAES-F\*, SN, YSE-HN

#### Vinyl:

TP, BA, TP-F, BA-EF, TP-Z, BA-EZ, TP-LF, BA-EL, SP, BS

#### Bare:

T, YAD, T-F, YAD-F, YAV, YAV-L, YAV-H, YAV-R, YAV-RS, YAV-T-F, YAV-H-F, YAV-Z, YSV, YSV-H, YSV-L, YA, YAV, YS, YSV

\*Excludes TN and YAES terminals with #12 AWG wire

### Pneumatic crimp tool Y6NCP1 includes:

Y6NCP1 Tool  
Tool Case  
1/8" NPT air hose  
Crimp head for J-Dies

### Variations:

**Y6NCP1SD** Pneumatic OEM Tool using SD-dies (industry standard profile); See separate cut sheet for more information



### Specifications:

<b>Tool Weight:</b>	4.4 lbs
<b>Length x Dia.:</b>	12.88" x 2.63" x 2.63"
<b>Die Style:</b>	J style
<b>Air Pressure:</b>	90-110 PSI
<b>Crimp Motion:</b>	Scissor Action
<b>Pull Out Force:</b>	Exceeds Mil Spec/SAE*
<b>Warranty:</b>	1 year limited warranty

### Accessories:

<b>Y6NCP1FTSW:</b>	Foot Switch
<b>Y6NCP1BMNT:</b>	Bench Mount Unit
<b>J6NCP1CH:</b>	Replacement J-die crimp head (included)
<b>J1022NC1:</b>	Die set for YAE, YAE-N, YAE-N-F, YAE-Z
<b>J1022NC2:</b>	Die set for YAEV, YAEV-L, YAEV-H, YAEV-RH, YAEV-RS
<b>J1022NC3:</b>	Die set for TN, YAES, TN-F, YAES-F, SN, YSE-HN
<b>J1022NC4:</b>	Die set for TP, BA, TP-F, BA-EF, TP-Z, BA-EZ, TP-LF, BA-EL, SP, BS
<b>J1022NC5:</b>	Die set for T, YAD, T-F, YAD-F, YAV, YAV-L, YAV-H, YAV-R, YAV-RS, YAV-T-F, YAV-H-F, YAV-Z, YSV, YSV-H, YSV-L
<b>J8CNC:</b>	Die set used with Y2CNC (sold separately) for #8 size YA, YAV, YS, YSV
<b>J6CNC:</b>	Die set used with Y2CNC (sold separately) for #6 size YA, YAV, YS, YSV
<b>J4CNC:</b>	Die set used with Y2CNC (sold separately) for #4 size YA, YAV, YS, YSV
<b>Y2CNC:</b>	Used with J8CNC, J6CNC, and J4CNC (sold separately)

# Tooling

## Crimpers — OEM



# Y6NCP1SD

## Pneumatic OEM Crimp Tool For Loose Piece Terminals/Splices

- UL Listed connections used with BURNDY® UL Listed connectors
- 360° rotating head
- Reliable crimp performance
- Tested to 300,000 crimps without a failure
- Pull Out Force exceeds UL 486A/B
- Industry standard die envelope; identical to MRE1022B and MRE1022NV hand tools crimp profiles

### For Use On:

#### Copper - #22 - #10 AWG

Nylon, Vinyl and Bare Terminals/Splices

#### Nylon:

YAE, YAE-N, YAE-N-F, YAE-Z, YAEV, YAEV-L, YAEV-H, YAEV-RH, YAEV-RS, TN, YAES, TN-F, YAES-F, SN, YSE-HN

#### Vinyl:

TP, BA, TP-F, BA-EF, TP-Z, BA-EZ, TP-LF, BA-EL, SP, BS

#### Bare:

T, YAD, T-F, YAD-F, YAV-, YAV-L, YAV-H, YAV-R, YAV-RS, YAV-T-F, YAV-H-F, YAV-Z, YSV, YSV-H, YSV-L

### Pneumatic crimp tool Y6NCP1SD includes:

- Tool Case
- 1/8" NPT air hose
- Crimp head for SD-Dies
- Nylon/Vinyl SD Die Set
- Bare SD Die Set
- Terminal Locator Plate

### Variations:

- Y6NCP1** Pneumatic OEM Tool using J-dies (sold separately)  
See separate cut sheet for more information



### Specifications:

<b>Tool Weight:</b>	4.4 lbs
<b>Length x Dia.:</b>	12.88" x 2.63" 2.63"
<b>Die Style:</b>	SD Industry-Standard Die Envelope
<b>Air Pressure:</b>	90-110 PSI
<b>Crimp Motion:</b>	Scissor Action
<b>Pull Out Force:</b>	Exceeds UL 486A/B
<b>Warranty:</b>	1 year limited warranty

### Accessories:

<b>Y6NCP1FTSW:</b>	Foot Switch
<b>Y6NCP1BMNT:</b>	Bench Mount Unit
<b>SD10NCP1CH:</b>	Replacement SD-die crimp head (included)
<b>BECNVSD:</b>	Replacement Nylon/Vinyl SD-die set (included)
<b>BECBSD:</b>	Replacement Bare SD-die set (included)
<b>SD10NCP1LP1:</b>	Replacement Locator Plate (included)



Spring-loaded Terminal Locator



**Y6NCP1BMNT**  
(tool not included  
sold separately)

US: 1-800-346-4175 / International: 1-603-647-5299 / Canada: 1-800-387-6487 / [www.burndy.com](http://www.burndy.com)

Electronic Update November 2015

# Y29NC

## Hand Operated Pneumatic HYPRESS™ For #8 - 2/0 copper; insulated and bare terminals

- Portable or bench mountable
- Adjustable blow off valve
- D type nest dies with Y29 type indenters

### For Use On:

#### Copper #8 - 2/0

Types: YAEV-L, YAEV-H, YAEV-RS, YAEV-RH, YAV-L, YAV-R, YAV-RS, YSV-L, YSM

### Die Information:

Die Information		
Nest	Indenter	Die Index
DV8L	Y29PL	38/631, 6/631, 49
DV6L	Y29PL	39/632
D6CL	Y29PR	7
DV4L	Y29PL	40/633
D3CL	Y29PR	9
DV2CL	Y29PL	41/634
DV1L	Y29PL	42
DV25L	Y29PL	43
DV26L	Y29PL	44



### Specifications:

<b>Air Line Pressure:</b>	85 - 100 PSI
<b>Die Style:</b>	D style nest with Y29 type indenter
<b>Length:</b>	17.50" x 5.00" x 5.00"
<b>Weight:</b>	12.5 lbs
<b>Warranty:</b>	5 year limited warranty

### Accessories:

<b>DV8L:</b>	Nest Die for use with Y29PL indenter
<b>DV6L:</b>	Nest Die for use with Y29PL indenter
<b>D6CL:</b>	Nest Die for use with Y29PR indenter
<b>DV4L:</b>	Nest Die for use with Y29PL indenter
<b>D3CL:</b>	Nest Die for use with Y29PR indenter
<b>DV2CL:</b>	Nest Die for use with Y29PL indenter
<b>DV1L:</b>	Nest Die for use with Y29PL indenter
<b>DV25L:</b>	Nest Die for use with Y29PL indenter
<b>DV26L:</b>	Nest Die for use with Y29PL indenter
<b>Y29PL:</b>	Indenter for use with DV style dies
<b>Y29PR:</b>	Indenter for use with D-L style dies



# 60 Ton Dies

## 60-Ton HPS/Fargo-equivalent Dies

CD Index; Circumferential Profile

BURNDY Die Catalog Number	Conductor Code Name	Conductor Size	Typical HPS/Fargo Connectors	
			UNI-GRIP® Splice	UNI-GRIP® Deadend
07CD60	Peony	300.0 AAC	C150707	C010707
	Tulip	336.4 AAC	C150707	C010707
	Daffodil	350.0 AAC	C150707	C010707
	no name (0.595-0.680 dia.)	281.4-312.8 AAAC	AB150707	AB010707
	Owl	266.8 ACSR 6/7 Str.	A150709	A010709
	Partridge	266.8 ACSR 26/7 Str.	A150710	A010710
08CD60	Canna	397.5 AAC	C150808	C010808
	Four-O'Clock	400.0 AAC	C150808	C010808
	no name (0.681-0.765 dia.)	394.5-419.6 AAAC	AB150808	AB010808
	Ostrich	300.0 ACSR 26/7 Str.	A150811	A010811
	Merlin	336.4 ACSR 18/1 Str.	A150812	A010812
	Linnet	336.4 ACSR 26/7 Str.	A150813	A010813
	Chickadee	397.5 ACSR 18/1 Str.	A150815	A010815
09CD60	Goldentuft	450.0 AAC	C150909	C010909
	Yarrow	450.0 AAC	C150909	C010909
	Cosmos	477.0 AAC	C150909	C010909
	Syringa	477.0 AAC	C150909	C010909
	Zinnia	500.0 AAC	C150909	C010909
	Hyacinth	500.0 AAC	C150909	C010909
	Ganzania	550.0 AAC	C150909	C010909
	no name (0.772-0.855 dia.)	465.4-503.6 AAAC	AB150909	AB010909
	Oriole	336.4 ACSR 30/7 Str.	A150914	A010914
	Brant	397.5 ACSR 24/7 Str.	A150916	A010916
	Ibis	397.5 ACSR 26/7	A150917	A010917
	Pelican	477.0 ACSR 18/1 Str.	A150919	A010919
	Flicker	477.0 ACSR 24/7 Str.	A150920	A010920
10CD60	Dahlia	556.5 AAC	C151010	C011010
	Mistletoe	556.5 AAC	C151010	C011010
	Meadowsweet	600.0 AAC	C151010	C011010
	Orchid	636.0 AAC	C151010	C011010
	Heuchera	650.0 AAC	C151010	C011010
	no name (0.856-0.950 dia.)	545.0-657.3 AAAC	AB151010	AB011010
	Hawk	477.0 ACSR 26/7 Str.	A1510211	A0110211

# 60 Ton Dies



## 60-Ton HPS/Fargo-equivalent Dies

CD Index; Circumferential Profile  
(Continued)

BURNDY Die Catalog Number	Conductor Code Name	Conductor Size	Typical HPS/Fargo Connectors	
			UNI-GRIP® Splice	UNI-GRIP® Deadend
10CD60 (Continued)	Osprey	556.5 ACSR 18/1 Str.	A151023	A011023
	Parakeet	556.5 ACSR 24/7 Str.	A151024	A011024
	Dove	556.5 ACSR 26/7 Str.	A151025	A011025
	Swift	636.0 ACSR 36/1 Str.	A151030	A010030
	Kingbird	636.0 ACSR 18/1 Str.	A151031	A010031
11CD60	Verbena	700.0 AAC	C151111	C011111
	Flag	700.0 AAC	C151111	C011111
	Violet	715.5 AAC	C151111	C011111
	Nasturtium	715.5 AAC	C151111	C011111
	Petunia	750.0 AAC	C151111	C011111
	Cattail	750.0 AAC	C151111	C011111
	Arbutus	795.0 AAC	C151111	C011111
	Lilac	795.0 AAC	C151111	C011111
	Fuchsia	800.0 AAC	C151111	C011111
	Heliotrope	800.0 AAC	C151111	C011111
	no name (0.940-1.036 dia.)	739.8-740.8 AAAC	AB151111	AB011111
	Hen	477.0 ACSR 30/7 Str.	A151122	A011122
	Eagle	556.5 ACSR 30/7 Str.	A151126	A011126
	Peacock	605.0 ACSR 24/7 Str.	A151127	A011127
	Squab	605.0 ACSR 26/7 Str.	A151128	A011128
	Rook	636.0 ACSR 24/7 Str.	A151132	A011132
	Grosbeak	636.0 ACSR 26/7 Str.	A151133	A011133
	Flamingo	666.6 ACSR 24/7 Str.	A151136	A011136
	Gannett	666.6 ACSR 26/7 Str.	A151137	A011137
	Stilt	715.5 ACSR 24/7 Str.	A151138	A011138
Coot	795.0 ACSR 36/1 Str.	A151141	A011141	
12CD60	Anemone	874.5 AAC	C151212	C011212
	Crocus	874.5 AAC	C151212	C011212
	Cockscomb	900.0 AAC	C151212	C011212
	Snapdragon	900.0 AAC	C151212	C011212
	Magnolia	954.0 AAC	C151212	C011212
	Goldenrod	954.0 AAC	C151212	C011212
	no name (1.026-1.131 dia.)	833.6-932.6 AAAC	AB151212	AB011212
	Teal	605.0 ACSR 30/19 Str.	A151229	A011229
Egret	636.0 ACSR 30/19 Str.	A151234	A011234	

# 60 Ton Dies



## 60-Ton HPS/Fargo-equivalent Dies

CD Index; Circumferential Profile  
(Continued)

BURNDY Die Catalog Number	Conductor Code Name	Conductor Size	Typical HPS/Fargo Connectors	
			UNI-GRIP® Splice	UNI-GRIP® Deadend
12CD60 (continued)	Starling	715.5 ACSR 26/7 Str.	A151239	A011239
	Tern	795.0 ACSR 45/7 Str.	A151242	A011242
	Cuckoo	795.0 ACSR 24/7 Str.	A151243	A0112431
	Condor	795.0 ACSR 54/7 Str.	A1512441	A0112441
	Drake	795.0 ACSR 26/7 Str.	A1512451	A0112451
	Ruddy	900.0 ACSR 45/7	A151247	A011247
	Catbird	954.0 ACSR 36/1 Str.	A151249	A011249
13CD60	Hawkweed	1000.0 AAC 37 Str.	C151313	C011313
	Camelia	1000.0 AAC 61 Str.	C151313	C011313
	Bluebell	1033.5 AAC 37 Str.	C151313	C011313
	Larkspur	1033.5 AAC 61 Str.	C151313	C011313
	Marigold	1113.0 AAC 61 Str.	C151313	C011313
	no name (1.140-1.235 dia.)	1000.0-1127.0 AAAC	AB151313	AB011313
	Mallard	795.0 ACSR 30/19 Str.	A151346	A011346
	Canary	900.0 ACSR 54/7 Str.	A151348	A011348
	Rail	954.0 ACSR 45/7 Str.	A151350	A011350
	Cardinal	954.0 ACSR 54/7 Str.	A1513511	A011351
	Ortolan	1033.5 ACSR 45/7 Str.	A151353	A011353
14CD60	Hawthorn	1192.5 AAC 61 Str.	C151414	C011414
	Narcissus	1272.0 AAC 61 Str.	C151414	C011414
	no name (1.236-1.330 dia.)	1172.0-1300.0 AAAC	AB151414	AB011414
	Curlew	1033.5 ACSR 54/7 Str.	A151454	A011454
	Bluejay	1113.0 ACSR 45/7 Str.	A151455	A011455
	Finch	1113.0 ACSR 54/19 Str.	A151456	A011456
Bunting	1192.5 ACSR 45/7 Str.	A151457	A011457	
15CD60	Columbine	1351.5 AAC 61 Str.	AC151515	AC011515
	Carnation	1431.0 AAC 61 Str.	AC151515	AC011515
	Gladiolus	1510.5 AAC 61 Str.	AC151515	AC011515
	no name (1.331-1.425 dia.)	1361.0-1500.0 AAAC	AB151315	AB011515
	Grackle	1192.5 ACSR 54/19 Str.	A151558	A011558
	Bittern	1272.0 ACSR 45/7 Str.	A1515591	A0115591
	Pheasant	1272.0 ACSR 54/19 Str.	A151560	A011560
	Dipper	1351.5 ACSR 45/7 Str.	A151561	A011561
Martin	1351.5 ACSR 54/19 Str.	A151562	A011562	

# 60 Ton Dies



**60-Ton HPS/Fargo-equivalent Dies**  
 CD Index; Circumferential Profile  
 (Continued)

BURNDY Die Catalog Number	Conductor Code Name	Conductor Size	Typical HPS/Fargo Connectors	
			UNI-GRIP® Splice	UNI-GRIP® Deadend
16CD60	Coreopsis	1590.0 AAC 61 Str.	C151616	C011616
	Dogwood	1590.0 AAC 91 Str.	C151616	C011616
	no name (1.426-1.520 dia.)	1534.0-1703.0 AAAC	AB151616	AB011616
	Bobolink	1431.0 ACSR 45/7 Str.	A151663	A011663
	Lapwing	1590.0 ACSR 45/7 Str.	A151667	A011667
17CD60	Jessamine	1750.0 AAC 61 Str.	C151717	C011717
	Falcon	1590.0 ACSR 54/19 Str.	A1517681	A0117681
	Chukar	1780.0 ACSR 84/19 Str.	A151769	A011769
	Seahawk	1869.0 ACSR 68/7 Str.	A151770	A011717



**Top: close up of marking on Fargo splice requiring 12CD die index.**

**Bottom: Fargo splice requiring 12CD die index.**





# 60 Ton Dies

## 60-Ton HPS/Fargo-equivalent Dies

SH Index; Hexagonal Profile

AH Index; Hexagonal Profile

Two Die Sets Required (sold separately)		Conductor Code Name	Conductor Size	Typical HPS/Fargo Connectors	
BURNDY Catalog # Aluminum Die	BURNDY Catalog # Steel Die			2-Die Splice	2-Die Deadend
75AH60	75SH60	Pigeon	3/0 ACSR 6/1 Str.	TJA7829	SEDA7829
76AH60	75SH60	Penguin	4/0 ACSR 6/1 Str.	TJA7929	SEDA7929
	74SH60	Waxwing	266.8 ACSR 18/1 Str.	TJA1102	SEDA1102
	76SH60	Partridge	266.8 ACSR 26/7 Str.	TJA1109	SEDA1109
20AH60	74SH60	Merlin	336.4 ACSR 18/1 Str.	TJA1302	SEDA1302
	74SH60	Chickadee	397.5 ACSR 18/1 Str.	TJA1502	SEDA1502
	10SH60	Ostrich	300.0 26/7 Str.	TJA1209	SEDA1209
	10SH60	Linnet	336.4 ACSR 26/7 Str.	TJA1309	SEDA1309
	10SH60	Oriole	336.4 ACSR 30/7 Str.	TJA1313	SEDA1313
	10SH60	Brant	397.5 ACSR 24/7 Str.	TJA1508	SEDA1508
	10SH60	Ibis	397.5 ACSR 26/7 Str.	TJA1509	SEDA1509
	12SH60	Lark	397.5 ACSR 30/7 Str.	TJA1513	SEDA1513
24AH60	75SH60	Pelican	477.0 ACSR 18/1 Str.	TJA1802	SEDA1802
	75SH60	Osprey	556.5 ACSR 18/1 Str.	TJA2202	SEDA2202
	10SH60	Flicker	477.0 ACSR 24/7 Str.	TJA1808	SEDA1808
	10SH60	Parakeet	556.5 ACSR 24/7 Str.	TJA2208	SEDA2208
	12SH60	Hawk	477.0 ACSR 26/7 Str.	TJA1809	SEDA1809
	12SH60	Hen	477.0 ACSR 30/7 Str.	TJA1813	SEDA1813
	12SH60	Dove	556.5 ACSR 26/7 Str.	TJA2209	SEDA2209
27AH60	12SH60	Peacock	605.0 ACSR 24/7 Str.	TJA2408	SEDA2408
	12SH60	Squab	605.0 ACSR 26/2 Str.	TJA2409	SEDA2409
	12SH60	Rook	636.0 ACSR 24/7 Str.	TJA2508	SEDA2508
	12SH60	Grosbeak	636.0 ACSR 26/7 Str.	TJA2509	SEDA2509
	12SH60	Flamingo	666.6 ACSR 24/7 Str.	TJA2808	SEDA2808
	12SH60	Gannet	666.6 ACSR 26/7 Str.	TJA2809	SEDA2809
	14SH60	Eagle	556.5 ACSR 30/7 Str.	TJA2213	SEDA2213
	14SH60	Wood Duck	605.0 ACSR 30/7 Str.	TJA2413	SEDA2413
	14SH60	Teal	605.0 ACSR 30/19 Str.	TJA2417	SEDA2417
	14SH60	Scoter	636.0 ACSR 30/7 Str.	TJA2513	SEDA2513
	14SH60	Egret	636.0 ACSR 30/19 Str.	TJA2517	SEDA2517
30AH60	10SH60	Tern	795.0 ACSR 45/7 Str.	TJA3318	SEDA3318
	10SH60	Ruddy	900.0 ACSR 45/7 Str.	TJA3818	SEDA3818
	10SH60	Rail	954.0 ACSR 45/7 Str.	TJA4118	SEDA4118
	12SH60	Stilt	715.5 ACSR 24/7 Str.	TJA3008	SEDA3008
	12SH60	Cuckoo	795.0 ACSR 24/7 Str.	TJA3308	SEDA3308

US: 1-800-346-4175 / International: 1-603-647-5299 / Canada: 1-800-387-6487 / [www.burndy.com](http://www.burndy.com)

# 60 Ton Dies



## 60-Ton HPS/Fargo-equivalent Dies

SH Index; Hexagonal Profile

AH Index; Hexagonal Profile

(Continued)

Two Die Sets Required (sold separately)		Conductor Code Name	Conductor Size	Typical HPS/Fargo Connectors	
BURNDY Catalog # Aluminum Die	BURNDY Catalog # Steel Die			2-Die Splice	2-Die Deadend
30AH60 (Continued)	12SH60	Condor	795.0 ACSR 54/7 Str.	TJA3321	SEDA3321
	12SH60	Crane	874.5 ACSR 54/7 Str.	TJA3721	SEDA3721
	14SH60	Starling	715.5 ACSR 26/7 Str.	TJA3009	SEDA3009
	14SH60	Drake	795.0 ACSR 26/7 Str.	TJA3309	SEDA3309
	14SH60	Canary	900.0 ACSR 54/7 Str.	TJA3821	SEDA3821
	14SH60	Towhee	954.0 ACSR 48/7 Str.	TJA4119	SEDA4119
	14SH60	Cardinal	954.0 ACSR 54/7 Str.	TJA4121	SEDA4121
	16SH60	Redwing	715.5 ACSR 30/19 Str.	TJA3017	SEDA3017
	16SH60	Mallard	795.0 ACSR 30/19 Str.	TJA3317	SEDA3317
34AH60	10SH60	Ortolan	1033.5 ACSR 45/7 Str.	TJA4418	SEDA4418
	12SH60	Bluejay	1113.0 ACSR 45/7 Str.	TJA4718	SEDA4718
	12SH60	Bunting	1192.5 ACSR 45/7 Str.	TJA4918	SEDA4918
	14SH60	Curlew	1033.5 ACSR 54/7 Str.	TJA4421	SEDA4421
	14SH60	Finch	1113.0 ACSR 54/19 Str.	TJA4724	SEDA4724
36AH60	12SH60	Bittern	1272.0 ACSR 45/7 Str.	TJA5118	SEDA5118
	12SH60	Dipper	1351.5 ACSR 45/7 Str.	TJA5218	SEDA5218
	12SH60	Bobolink	1431.0 ACSR 45/7 Str.	TJA5418	SEDA5418
	14SH60	Grackle	1192.5 ACSR 54/19 Str.	TJA4924	SEDA4924
	16SH60	Pheasant	1272.0 ACSR 54/19 Str.	TJA5124	SEDA5124
38AH60	16SH60	Martin	1351.5 54/19 Str.	TJA5224	SEDA5224
	16SH60	Plover	1431.0 54/19 Str.	TJA5424	SEDA5424
	12SH60	Nuthatch	1510.5 45/7 Str.	TJA5618	SEDA5618
40AH60	16SH60	Parrot	1510.5 54/19 Str.	TJA5624	SEDA5624
	12SH60	Lapwing	1590.0 45/7 Str.	TJA5718	SEDA5718



Above: close up of marking on Fargo splice requiring 14SH die index.



Left: Fargo splice requiring 30AH die index.

# 12-Ton U Dies\*

**For Y35, Y39, Y750, PAT750 Series  
PAT46 Series (with PUADP1 Adapter)**

\* 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.



*U28RT Die Set*

Die Sets sold separately; U Die Kits also available; see following page

Note: N/A = not applicable

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	U1CRT1	U1CRT1W	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	U38XRT		N/A
600 kcmil	U36RT		U36ART
750 kcmil	U39RT		U39ART2
777 Flex	U44XRT		N/A



*U5CRTW Wide Die Set*



*PT29291 die box is available (sold separately) holding up to 15 "U" style (standard or wide) die sets; dies not included.*

# U Die Kits

**For Y35, Y39, Y750, PAT750 Series  
PAT46 Series (with PUADP1 Adapter)**

**UDIEKITCU** and **UDIEKITAL** include 15 sets of “U” dies and die case. These stainless steel color coded dies are for crimping YA, YS, YA-A, and YS-A types of connectors, ranging from #6 AWG through 750 kcmil.

**UDIEKITCUW** includes 9 sets of wide stainless steel color coded dies for crimping long barrel YA and YS types of connectors up to 4/0 AWG. The wide dies require only one crimp compared to 2 for the standard width dies.

**UDIEKITCU**



Note: N/A = not applicable

Wire Size	UDIEKITCU includes	UDIEKITCUW includes	UDIEKITAL includes
#8 AWG	N/A	U8CRTW	N/A
#6 AWG	U5CRT	U5CRTW	U6CABT
#4 AWG	U4CRT	U4CRTW	U4CABT
#2 AWG	U2CRT	U2CRTW	U2CABT
#1 AWG	U1CRT1	U1CRT1W	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		U39ART2
Die Case	PT29291	PT29291	PT29291

**UDIEKITHYGRD** includes 8 dies sets. Seven die sets are used to install the BURNDY® HYGROUND® irreversible compression grounding connectors; the U2CABT die set is for pre-crimping 1/2”, 5/8” and 3/4” ground rods for increased rotational resistance. The UDIEKITHYGRD also includes the PT29291 die case.

UDIEKITHYGRD includes
UC, UO, U997, PU998, U1011, U1104, U1105, U2CABT (Ground rod pre-crimp die), and PT29291 die case

# UM-Style Dies

**For Y35, Y39, Y750, PAT750 Series,  
Y46 and PAT46 Series (with PUADP1 Adapter),  
OEM840NCP (up to 4/0 size)**

UM-style Nest and Indenter dies are specifically designed to work with the YAD lugs. The distinctive "M" crimping profile design straddles the brazed seam of the YAD-M and YAV-L series lugs to provide a consistent, long term, reliable connection. Accepts copper cable sizes from 8 AWG to 600 kcmil for DLO/Flex cable.

CNC machined from stainless steel, these dies are compatible with all BURNDY® tooling that accepts a "U" die envelope.

Sold individually or in a kit (**UMDIEKIT**) which has select dies/indenters covering #8 to 4/0 AWG in a metal die case.



Copper Wire Size	Catalog Number (Indenter Dies)	Catalog Number (Nest Dies)	Crimps Lug Series
8 AWG DLO	<b>UMA</b>	<b>UM8CN</b>	YAD-M, YAV-L
6 AWG DLO	<b>UMB</b>	<b>UM6CN</b>	YAD-M, YAV-L
4 AWG DLO	<b>UMB</b>	<b>UM4CN</b>	YAD-M, YAV-L
2 AWG DLO	<b>UMB</b>	<b>UM2CN</b>	YAD-M, YAV-L
1/0 AWG DLO	<b>UMC</b>	<b>UM25N</b>	YAD-M, YAV-L
2/0 AWG DLO	<b>UMC</b>	<b>UM26N</b>	YAD-M, YAV-L
3/0 AWG DLO	<b>UMC</b>	<b>UM27N</b>	YAD-M, YAV-L
4/0 AWG DLO	<b>UMC</b>	<b>UM28N</b>	YAD-M, YAV-L
300 kcmil DLO	<b>UME</b>	<b>UM30N</b>	YAD-M
350 kcmil DLO	<b>UME</b>	<b>UM31N</b>	YAD-M
450 kcmil DLO	<b>UME</b>	<b>UM33N</b>	YAD-M
600 kcmil DLO	<b>UME</b>	<b>UM36N</b>	YAD-M



*Close up of "M"  
Profile Crimp*

UMDIEKIT Contents		
Catalog Number	Description	Quantity
<b>UMA</b>	Indenter #8 AWG	1
<b>UMB</b>	Indenter #6, #4, #2 AWG	1
<b>UMC</b>	Indenter 1/0-4/0	1
<b>UM8CN</b>	Nest #8 AWG	1
<b>UM6CN</b>	Nest #6 AWG	1
<b>UM4CN</b>	Nest #4 AWG	1
<b>UM2CN</b>	Nest #2 AWG	1
<b>UM25N</b>	Nest 1/0 AWG	1
<b>UM26N</b>	Nest 2/0 AWG	1
<b>UM27N</b>	Nest 3/0 AWG	1
<b>UM28N</b>	Nest 4/0 AWG	1
<b>PT29291</b>	UM Die Kit Case	1

# W Dies

**For MD6, MD7, Y500CTHS, PAT500SJ, PAT600, PATMD6 and CSMD Series**

\* These sizes (250 - 500) for Y500CTHS, MD734, and MD734R only.

\*\* For PAT600 and PAT500SJ series and Y500CTHS only.

Note: N/A = not applicable

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

Die Sets sold separately; W Die Kits also available; see following page



W25RT Die Set

Wire Size	Copper (-VT)	Copper (-RT)	Aluminum
#8 AWG	W8CVT	W8CRT	X8CART
#6 AWG	W5CVT	W5CRT	W161
#4 AWG	W4CVT	W4CRT	W162
#3 AWG	W3CRT	W3CRT	N/A
#2 AWG	W2CVT	W2CRT	W239
#1 AWG	W1CVT	W1CRT1	W163
1/0 AWG	W25VT	W25RT	W241
2/0 AWG	W26VT	W26RT	W245
3/0 AWG	W27VT	W27RT	W166
4/0 AWG	W28VT	W28RT	W660
250 kcmil	W29VT*	W29RT*	W249
300 kcmil	W30VT*	W30RT*	N/A
350 kcmil	W31VT*	W31RT*	W31ART*
400 kcmil	W32VT*	W32RT*	N/A
450 kcmil	W33VT*	W33RT*	N/A
500 kcmil	W34VT*	W34RT*	N/A
600 kcmil	N/A	W36RT**	N/A

VT = "V" profile die for reduced handle force when using MD6/MD7 series tools; Twin die (includes both halves)  
RT = Round die (circumferential); Twin die (includes both halves)



**WDIETREE** available (sold separately); holds up to 6 "W" style die sets (dies not included); shown with WBG die set (not included)



**CASEWDIES** die box available (sold separately); holds up to 12 "W" or "X" style die sets (dies not included)

**W Die Kits**

**For MD6, MD7, Y500CTHS, PAT500SJ, PAT600, PATMD6 and CSMD Series**

\* These sizes (250 - 500) for PAT600 and PAT500SJ Series, Y500CTHS, MD734, and MD734R only.

Note: N/A = not applicable

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



**CASEWDIES**  
*included with die kits;  
also sold separately  
(dies not included)*

Wire Size	WDIEKITCU for Copper includes	WDIEKITAL for Aluminum includes
#8 AWG	W8CRT	X8CART
#6 AWG	W5CRT	W161
#4 AWG	W4CRT	W162
#2 AWG	W2CRT	W239
#1 AWG	W1CRT1	W163
1/0 AWG	W25RT	W241
2/0 AWG	W26RT	W245
3/0 AWG	W27RT	W166
4/0 AWG	W28RT	W660
250 kcmil	W29RT*	W249
350 kcmil	W31RT*	W31ART*
500 kcmil	W34RT*	N/A
Die Case	CASEWDIES	CASEWDIES

# PATCUT4CUALLI

## 11-Ton, Scissor Action Hydraulic Self-Contained, 18V Lithium-Ion

- Extra wide jaw opening
- Scissor action cutting jaws
- 355° head rotation
- Multi-position assist handle
- Includes 2 batteries, charger, lanyard, polymer carrying case

### For Use On:

### Maximum Cutting Capacity:

**Copper and Aluminum:**  
up to 4.00" O.D.

### Variations:

<b>PATCUT4CUALLI</b>	Tool with 120V-AC charger
<b>PATCUT4CUALLIDC</b>	Tool with 12V-DC charger
<b>PATCUT4CUALLILCB</b>	Tool, no charger, no batteries



### Specifications:

<b>Output Force:</b>	11 Tons
<b>Tool Weight:</b>	20.3 lbs
<b>Size:</b>	24.31" X 3.26" X 15.33"
<b>Operating Voltage:</b>	18 V-DC Lithium-Ion
<b>Recharge Time:</b>	30 minutes
<b>Warranty:</b>	5 year limited warranty (excludes blades) Lifetime warranty on INFINITY DRIVE® 1 year on batteries and charger



### Accessories:

<b>BAT18VLI:</b>	Hi-capacity LI battery (3.0 AH)
<b>PATCHGRLI:</b>	120V-AC Charger
<b>PATCHGRLLDC:</b>	12/24V-DC Charger
<b>PT208620:</b>	Tool Retention Lanyard



# Tooling

## Cutters — Battery Actuated



### PATHCC1018V

#### C-Head, precision cutting blades

Hydraulic Self-Contained Cutter, 18V Ni-MH

- Efficient cable cutting in field and OEM applications
- Interchangeable blades optimized for specific materials
- Available with all blades or variations for with specific blades only
- Includes 2 batteries, charger, and polymer carrying case

#### For Use On:

**Copper/Aluminum Cable:** up to 1.5"

**ACSR/ACSS:** up to 1590 kcmil

**Ground Rod:** up to 5/8"

**Rebar:** up to 1/2"

**Soft Steel Bolts:** up to 5/8"

**Standard/EHS Guy:** up to 9/16"

#### Variations:

<b>PATHCC1018V</b>	Tool with all blades
<b>PATHCC10C18V</b>	Covered PATHCC1018V tool; all blades
<b>PATHCC10ACSR18V</b>	PATHCC1018V tool; only ACSR blades
<b>PATHCC10CUAL18V</b>	PATHCC1018V tool; only CUAL blades
<b>PATHCC10SOL18V</b>	PATHCC1018V tool; only SOL blades
<b>PATHCC10GUY18V</b>	PATHCC1018V tool; only GUY blades
<b>PATHCC10CACSR18V</b>	Covered PATHCC1018V tool; only ACSR blades
<b>PATHCC10CCUAL18V</b>	Covered PATHCC1018V tool; only CUAL blades
<b>PATHCC10CSOL18V</b>	Covered PATHCC1018V tool; only SOL blades
<b>PATHCC10CGUY18V</b>	Covered PATHCC1018V tool; only GUY blades



#### Specifications:

<b>Output Force:</b>	11 Tons
<b>Tool Weight:</b>	20.4 lbs
<b>Size:</b>	21.50" x 12.88" x 3.75"
<b>Operating Voltage:</b>	18 V-DC Ni-MH
<b>Recharge Time:</b>	45 minutes
<b>Warranty:</b>	5 year limited warranty (excluding blades) Lifetime warranty on INFINITY DRIVE® 1 year on batteries and charger

#### Accessories:

<b>BAT18V:</b>	Hi-capacity Ni-MH battery (2.6 AH)
<b>PATCHGR18V:</b>	120V-AC Charger
<b>BCT/PATDCCHGR:</b>	12/24V-DC Charger
<b>PATCHGR250V:</b>	240/250 V-AC Charger

Replacement Blades below include screws and wrench for easy installation.

<b>HCCCUAL:</b>	Copper/Aluminum Cutting Blades
<b>HCCACSR:</b>	ACSR/ACSS Cutting Blades
<b>HCCGUY:</b>	Standard/EHS Guy Cutting Blades
<b>HCCSOL:</b>	Rebar/Ground Rod/Soft Steel Cutting Blades

US: 1-800-346-4175 / International: 1-603-647-5299 / Canada: 1-800-387-6487 / [www.burndy.com](http://www.burndy.com)

Electronic Update November 2015

# PATCUT2156LI

**Latch Head, ACSR up to 2156 kcmil**  
Hydraulic Self-Contained Cutter, 18V Lithium-Ion

- 180° head rotation
- Durable hardened steel blades
- Specialized latch head for mid-span cuts
- Mechanical ram release with no power consumption
- Includes 2 batteries, charger, and polymer carrying case

## For Use On:

**Copper/Aluminum Cable:** up to 2"

**ACSR:** up to 2156 kcmil

**Ground Rod:** up to 3/4"

**Rebar:** up to 5/8"

**Soft Steel Bolts:** up to 3/4"

**Standard Guy:** up to 9/16"

**EHS Guy:** up to 9/16"

## Variations:

<b>PATCUT2156LI</b>	18V Lithium-Ion
<b>PATCUT2156LIDC</b>	PATCUT2156LI with DC Charger
<b>PATCUT2156LLCB</b>	Tool, no charger, no batteries



## Specifications:

<b>Output Force:</b>	10 Tons
<b>Tool Weight:</b>	15.5 lbs
<b>Size:</b>	16.50" x 13.50" x 3.38"
<b>Operating Voltage:</b>	18 V-DC Lithium-Ion
<b>Recharge Time:</b>	30 minutes
<b>Warranty:</b>	5 year limited warranty (excluding blades) Lifetime warranty on INFINITY DRIVE® 1 year on batteries and charger

## Accessories:

<b>BAT18VLI:</b>	Hi-capacity LI battery (3.0 AH)
<b>PATCHGRLI:</b>	120V-AC Charger
<b>PATCHGRLIDC:</b>	12/24V-DC Charger
<b>PT208620:</b>	Lanyard
<b>CUT200BLMVBL:</b>	Replacement Moving Blade
<b>CUT200BLSTA:</b>	Replacement Fixed (Stationary) Blade

# Tooling

## Cutters — Battery Actuated



### PATCUT129LI

**Latch Head, Cu/Al to 1.29" diameter**  
Hydraulic Self-Contained Cutter, 18V Lithium-Ion

- 180° head rotation
- Overmolded handle and ergonomic design
- One-handed operation for advance, retract and hold
- Latch head design for interference free closure for mid-span cuts
- Includes 2 batteries, charger, and polymer carrying case

#### For Use On:

**Copper/Aluminum Cable:** up to 1.29"

**ACSR:** up to 1113 kcmil

**Ground Rod:** up to 5/8"

**Rebar:** up to 1/2"

**Soft Steel Bolts:** up to 5/8"

**Standard Guy:** up to 1/2"

**EHS Guy Strand:** up to 3/8"

#### Variations:

**PATCUT129LIDC** Tool with 12/24V-DC charger in place of AC charger

**PATCUT129LILCB** Tool, no charger, no batteries

Ni-MH platform is also available:

**PATCUT129ACSR18V** Ni-MH battery version

**PATCUT129ACSR18VDC** Ni-MH battery version with 12/24V-DC charger in place of AC charger

**PATCUT129ACSR18V250V** Ni-MH battery version with 240/250 V-AC Charger



#### Specifications:

**Output Force:** 7 Tons  
**Tool Weight:** 10.2 lbs  
**Size:** 14.50" x 13.50" x 3.50"  
**Operating Voltage:** 18 V-DC Lithium-Ion  
**Recharge Time:** 30 minutes  
**Warranty:** 5 year limited warranty (excluding blades)  
Lifetime warranty on INFINITY DRIVE®  
1 year on batteries and charger

#### Accessories:

**BAT18VLI:** Hi-capacity LI battery (3.0 AH)

**PATCHGRLI:** 120V-AC Charger

**PATCHGRLIDC:** 12/24V-DC Charger

**PT208620:** Lanyard

**PT10037388:** Replacement Moving Blade

**PT10037384:** Replacement Fixed Blade

US: 1-800-346-4175 / International: 1-603-647-5299 / Canada: 1-800-387-6487 / [www.burndy.com](http://www.burndy.com)

Electronic Update November 2015

# PATCUT245LI

**Latch Head, Cu/Al up to 2.45" O.D.**  
Hydraulic Self-Contained Cutter 18V Lithium-Ion

- 180° head rotation
- Cuts up to 2.45" diameter copper/aluminum cable
- Specialized latch style cutting head for interference-free closure for mid-span work
- Ergonomic design, overmolded handle
- Includes 2 batteries, charger, and polymer carrying case

## For Use On:

**Copper/Aluminum Cable:**  
Up to 2.45" O.D.

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

## Variations:

**PATCUT245LIDC** Tool with 12/24V-DC charger in place of AC charger

**PATCUT245LILCB** Tool, no charger, no batteries

Ni-MH platform is also available:

**PATCUT245CUAL18V** Ni-MH battery version

**PATCUT245CUAL18VDC** Ni-MH battery version with 12/24V-DC charger in place of AC charger

**PATCUT245CUAL18V250V** Ni-MH battery version with 240/250 V-AC Charger



## Specifications:

<b>Output Force:</b>	6 Tons
<b>Tool Weight:</b>	13.7 lbs
<b>Size:</b>	18.13" x 13.50" x 3.50"
<b>Operating Voltage:</b>	18 V-DC Lithium-Ion
<b>Recharge Time:</b>	30 minutes
<b>Warranty:</b>	5 year limited warranty (excluding blades) Lifetime warranty on INFINITY DRIVE® 1 year on batteries and charger

## Accessories:

<b>BAT18VLI:</b>	Hi-capacity LI battery (3.0 AH)
<b>PATCHGRLI:</b>	120V-AC Charger
<b>PATCHGRLIDC:</b>	12/24V-DC Charger
<b>PT208620:</b>	Lanyard
<b>PT10038657:</b>	Replacement Moving Blade
<b>PT10040663:</b>	Replacement Fixed Blade

# Tooling

## Cutters — Battery Actuated



### PAT500SJCUTLI

#### 6-Ton, Scissor Action

Hydraulic Self-Contained, 18V Lithium-Ion

- Interchangeable scissor action crimping and cutting jaws
- 180° head rotation
- Uses W and X style dies with available crimping jaws
- Ergonomically balanced tool design
- Includes 2 batteries, charger, and polymer carrying case

#### For Use On:

#### Maximum Cutting Capacity:

##### ACSR:

556 kcmil (26/7 Dove)

##### AAC:

636 kcmil

##### Copper:

500 kcmil soft drawn copper

#### Variations:

PAT500SJCUTLI	Cutter jaw; with 120V-AC charger
PAT500SJCUTLIDC	Cutter jaw; with 12V DC charger
PAT500JSCUTLILCB	Cutter jaw; Li-Ion design no charger, no batteries

#### Interchangeable Jaw Assemblies / Kits:

PATJAWSMD6	BG and D3 grooves
PATJAWSMD68	O and D3 grooves
PATJAWSMD66	D3 groove only (snub-nose)

**PAT500SJ6LICUTKIT1** Kit includes crimp head with BG & D3 grooves, cutter jaw, 120V charger and 2 batteries

**PAT500SJ68LICUTKIT1** Kit includes crimp head with O & D3 grooves, cutter jaw, 120V charger and 2 batteries



#### Specifications:

Output Force:	6 Tons
Tool Weight:	11.5 lbs
Size:	17.00" X 14.25" X 3.00"
Die Style:	W and X (with crimping jaws)
Operating Voltage:	18 V-DC Lithium-Ion
Recharge Time:	30 minutes
Warranty:	5 year limited warranty Lifetime warranty on INFINITY DRIVE® 1 year on batteries and charger

#### Accessories:

BAT18VLI:	Hi-capacity LI battery (3.0 AH)
PATCHGRLI:	120V-AC Charger
PATCHGRLLIDC:	12/24V-DC Charger
PT10074020:	Wrist strap
WDIETREE:	W-die holder for 6 die sets

US: 1-800-346-4175 / International: 1-603-647-5299 / Canada: 1-800-387-6487 / [www.burndy.com](http://www.burndy.com)

Electronic Update November 2015

**PATMDCUTLI****Battery Actuated IN-LINE® Tool**  
Hydraulic Self-Contained Cutter 18V Lithium-Ion

- 350° head rotation
- Ergonomically balanced tool design
- Actuated blade guide automatically closes for easy positioning
- Interchangeable scissor action jaws (sold separately) available to crimp or cut with same tool
- Includes 2 batteries, charger, and soft carrying case

**For Use On:****Maximum Cutting Capacity:****ACSR:**

556 kcmil (26/7 Dove)

**AAC:**

636 kcmil

**Copper:**

500 kcmil soft drawn copper

**Variations:**

<b>PATMDCUTLI</b>	Tool with cutting blades; 120V-AC Li-Ion charger
<b>PATMDCUTLIDC</b>	Tool with cutting blades; 12V-DC Li-Ion charger

**Crimp/Cut Kits are also available supplied with both crimping and cutting jaws;** see separate catalog page

Ni-MH platform is also available:

<b>PATMDCUT14V</b>	Ni-MH battery with 120V-AC Ni-MH charger
<b>PATMDCUT14VDC</b>	Ni-MH battery with 12V-DC Ni-MH charger
<b>PATMDCUT14V250V</b>	Ni-MH battery with 250V-AC Ni-MH charger

**Specifications:**

<b>Output Force:</b>	6 Tons
<b>Tool Weight:</b>	8 lbs
<b>Size:</b>	22.00" x 5.00" x 2.75"
<b>Operating Voltage:</b>	18 V-DC Lithium-Ion
<b>Recharge Time:</b>	30 minutes
<b>Warranty:</b>	5 year limited warranty Lifetime warranty on INFINITY DRIVE® 1 year on batteries and charger

**Accessories:**

<b>BAT18VLI:</b>	Hi-capacity LI battery (3.0 AH)
<b>PATCHGRLL:</b>	120V-AC Charger
<b>PATCHGRLLIDC:</b>	12/24V-DC Charger
<b>PATMDCUTACSRKIT:</b>	Replaceable ACSR Blades Only (not jaw assembly)
<b>PT10074020:</b>	Wrist Strap

**Interchangeable Jaw Assemblies (no tool included):**

<b>PATJAWSCUT:</b>	Cutting jaws, includes ACSR blades
<b>PATJAWSMD6:</b>	Crimp jaws with permanent BG & D3 die grooves
<b>PATJAWSMD68:</b>	Crimp jaws with permanent O & D3 die grooves
<b>PATJAWSMD66:</b>	Crimp jaws with permanent D3 die groove only
<b>PATJAWSMD6K:</b>	Crimp jaws with KEARNEY™ groove

<b>PATMD6JC:</b>	Jaw covers for PATJAWSMD6 & PATJAWSMD68
<b>PATMD66JC:</b>	Jaw covers for PATJAWSMD66
<b>PATMD6KJC:</b>	Jaw covers for PATJAWSMD6K

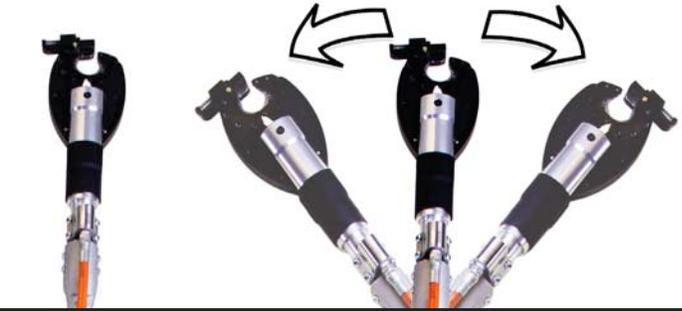
Tooling  
Cutters — Battery Actuated



**PATMDLLIF Series**

**PATRIOT® IN-LINE® Pole Cutters**  
Hydraulic Self-Contained Cutter, 18V Lithium-Ion

- Adjustable Angular Head



**STAY TUNED — COMING SOON!**  
Check for our new product releases  
on the website



Recharge time:	30 minutes
Warranty:	5 year limited warranty Lifetime warranty on INFINITY DRIVE® 1 year on batteries and charger

**BCC1000CUAL****Sealed Nickel Cadmium Cutter**

Cuts up to 750 kcmil hard drawn copper;  
1000 kcmil soft drawn copper; 2" O.D. aluminum

- Hook head design
- Three-way switch
- Hardened steel blades
- Withstands rugged use, resists oil and solvents
- Includes 1 battery, 1 charger, and case

**For Use On:****Hard Drawn Copper:**

750 kcmil

**Soft Drawn Copper:**

1000 kcmil

**Aluminum:**

up to 2" O.D

**Do Not Cut Steel or ACSR****Specifications:**

<b>Tool Weight:</b>	6.0 lbs
<b>Size:</b>	14.50" x 4.50" x 4.00"
<b>Operating Voltage:</b>	12 V-DC Nickel Cadmium
<b>Recharge Time:</b>	1 hour (fast) to 16 hours (standard)
<b>Warranty:</b>	90 day limited warranty (excluding blades)

**Accessories:**

<b>BCCBAT12V:</b>	Sealed nickel cadmium battery
<b>BCCCHGR:</b>	120 V-AC Charger
<b>BCCCASE:</b>	Replacement Case for BCC1000CUAL tool
<b>RP50RP03:</b>	Replaceable Moving Blade
<b>RP50RP02:</b>	Replaceable Fixed Blade



# Tooling

## Cutters — Self-Contained Hydraulic



# YCUT129ACSR

## Latch Head Style

Hydraulic Hand Operated Cutter

- Rapid advance pump
- Handle trigger drain
- Interference free closure on mid-span cuts
- 180° head rotation

### For Use On:

**Copper/Aluminum Cable:** up to 1.29"

**ACSR:** up to 1113 kcmil

**Ground Rod:** up to 5/8"

**Rebar:** up to 1/2"

**Soft Steel Bolts:** up to 5/8"

**Standard Guy:** up to 1/2"

**EHS Guy Strand:** up to 3/8"



### Specifications:

<b>Output Force:</b>	7 Tons
<b>Weight:</b>	11.4 lbs
<b>Size:</b>	22.50" x 6.63" x 2.50"
<b>Warranty:</b>	5 year limited warranty (excluding blades)

### Accessories:

<b>PT10024162:</b>	Carrying Case (included with tool)
<b>PT10037388:</b>	Moving Blade
<b>PT10037384:</b>	Fixed Blade



*PT10024162 Hard Polymer Case for YCUT129ACSR*

US: 1-800-346-4175 / International: 1-603-647-5299 / Canada: 1-800-387-6487 / [www.burndy.com](http://www.burndy.com)

*Electronic Update November 2015*

**RHCC4CUAL****Scissor Action, Remote Operated Cutter**  
Cuts up to 4.00" Copper / Aluminum Cable

- Specialized scissor head design for interference free closure for mid-span cuts
- High strength hardened steel cutting blades
- 360° swivel hose fitting
- Stainless Steel lifting assist eyebolt
- Light weight ergonomic design

**For Use On:****Copper/Aluminum Cable:** up to 4.00"

*BAGCNVS5X9X24 Canvas Bag available separately  
(included with tool)*

**Specifications:**

<b>Operating Pressure:</b>	10,000 PSI
<b>Weight:</b>	19.9 lbs
<b>Size:</b>	21.29" x 9.13" x 5.15"
<b>Warranty:</b>	5 year limited warranty (excluding blades)

**Accessories:**

<b>BAGCNVS5X9X24:</b>	Canvas Bag (included with tool)
<b>RHCC4CUALBLD:</b>	Cutting Blade (one blade; 2 required)
<b>RHCC4CUALGDEBLD:</b>	Blade Guide

*See Hydraulic Pumps and Hydraulic Hoses; Pump Accessories  
for other necessary equipment.*

# Tooling

## Cutters — Remote Hydraulic



# RHCC10 Series

## C-Head, Remote Operated Cutter

Interchangeable cutting blades for different applications

- Easy and efficient cable cutting in both field and OEM applications
- Interchangeable precision cutting blades to cut different materials
- High strength steel cylinder
- C-head with large opening

### For Use On:

**Copper/Aluminum Cable:** up to 1.5"

**ACSR/ACSS:** up to 1590 kcmil

**Ground Rod:** up to 5/8"

**Rebar:** up to 1/2"

**Soft Steel Bolts:** up to 5/8"

**Standard/EHS Guy:** up to 9/16"

### Variations:

<b>RHCC10</b>	Tool with all blades
<b>RHCC10C</b>	Covered RHCC10 tool; all blades
<b>RHCC10ACSR</b>	RHCC10 tool; only ACSR blades
<b>RHCC10CUAL</b>	RHCC10 tool; only CUAL blades
<b>RHCC10SOL</b>	RHCC10 tool; only SOL blades
<b>RHCC10GUY</b>	RHCC10 tool; only GUY blades
<b>RHCC10CACSR</b>	Covered RHCC10 tool; only ACSR blades
<b>RHCC10CCUAL</b>	Covered RHCC10 tool; only CUAL blades
<b>RHCC10CSOL</b>	Covered RHCC10 tool; only SOL blades
<b>RHCC10CGUY</b>	Covered RHCC10 tool; only GUY blades



### Specifications:

<b>Operating Pressure:</b>	10,000 PSI
<b>Weight:</b>	13.2 lbs
<b>Size:</b>	17.58" x 4.75" x 3.00"
<b>Warranty:</b>	5 year limited warranty (excluding blades)

### Accessories:

<b>MINBAG:</b>	Canvas Bag
<b>PT10128:</b>	Hot Stick Adapter

Replacement Blades below include screws and wrench for easy installation.

<b>HCCUAL:</b>	Copper/Aluminum Blades
<b>HCCACSR:</b>	ACSR/ACSS Blades
<b>HCCGUY:</b>	Standard/EHS Guy Blades
<b>HCCSOL:</b>	Rebar/Ground Rod/Soft Steel Bolt Blades

See Hydraulic Pumps and Hydraulic Hoses; Pump Accessories for other necessary equipment.



US: 1-800-346-4175 / International: 1-603-647-5299 / Canada: 1-800-387-6487 / [www.burndy.com](http://www.burndy.com)

Electronic Update November 2015

# RHCC2156ACSR

## Latch Head, Remote Operated Cutter Cuts up to 2156 kcmil ACSR

- 180° head rotation
- Durable hardened, precision steel blades
- Specialized latch head for mid-span cuts
- Durable canvas carrying bag stores tool and accessories

### For Use On:

**Copper/Aluminum Cable:** up to 2"

**ACSR:** up to 2156 kcmil

**Ground Rod:** up to 3/4"

**Rebar:** up to 5/8"

**Soft Steel Bolts:** up to 3/4"

**Standard Guy:** up to 9/16"

**EHS Guy Strand:** up to 9/16"

### Variations:

**RHCC2156ACSRF** RHCC2156ACSR tool with female coupler



*PT10054094 Canvas Bag available separately  
(included with tool)*



### Specifications:

**Operating Pressure:** 10,000 PSI  
**Weight:** 10 lbs  
**Size:** 13.17" x 4.13" x 2.69"  
**Warranty:** 5 year limited warranty (excluding blades)

### Accessories:

**PT10054094:** Canvas Bag (included with tool)  
**CUT200BLMVBL:** Replacement Moving Blade  
**CUT200BLSTA:** Replacement Fixed (Stationary) Blade

*See Hydraulic Pumps and Hydraulic Hoses; Pump Accessories  
for other necessary equipment.*

# Tooling

## Cutters — Remote Hydraulic



# RHCC129ACSR

## Latch Head, Remote Operated Cutter

Cuts up to 1.29" Copper / Aluminum Cable

- Interference free closure for mid-span cuts
- Precision cutting blades for clean cuts
- High strength steel cylinder
- Light weight, ergonomic design
- Durable canvas carrying bag stores tool and accessories

### For Use On:

**Copper/Aluminum Cable:** up to 1.29"

**ACSR:** up to 1113 kcmil

**Ground Rod:** up to 5/8"

**Rebar:** up to 1/2"

**Soft Steel Bolts:** up to 5/8"

**Standard Guy:** up to 1/2"

**EHS Guy Strand:** up to 3/8"



### Specifications:

<b>Operating Pressure:</b>	10,000 PSI
<b>Weight:</b>	5.8 lbs
<b>Size:</b>	11.25" x 3.75" x 3.00"
<b>Warranty:</b>	5 year limited warranty (excluding blades)

### Accessories:

<b>PT10043890:</b>	Canvas Bag (included with tool)
<b>PT10037388:</b>	Moving Blade
<b>PT10037384:</b>	Fixed Blade
<b>RHCCHSA:</b>	Hot Stick Adapter

*See Hydraulic Pumps and Hydraulic Hoses; Pump Accessories for other necessary equipment.*



*PT10043890 Canvas Bag available separately (included with tool)*

US: 1-800-346-4175 / International: 1-603-647-5299 / Canada: 1-800-387-6487 / [www.burndy.com](http://www.burndy.com)

Electronic Update November 2015

**RHCC245CUAL****Latch Head, Remote Operated Cutter**  
Cuts up to 2.45" Copper / Aluminum Cable

- Interference free closure for mid-span cuts
- Precision cutting blades for clean cuts
- Lightweight ergonomic design
- Durable canvas carrying bag stores tool and accessories

**For Use On:****Copper/Aluminum Cable:** up to 2.45"

*PT10054094 Canvas Bag available separately  
(included with tool)*

**Specifications:**

<b>Operating Pressure:</b>	10,000 PSI
<b>Weight:</b>	8.3 lbs
<b>Size:</b>	14.87" x 4.75" x 3.00"
<b>Warranty:</b>	5 year limited warranty (excluding blades)

**Accessories:**

<b>PT10054094:</b>	Canvas Bag (included with tool)
<b>PT10038657:</b>	Moving Blade
<b>PT10040663:</b>	Fixed Blade
<b>RHCCHSA:</b>	Hot Stick Adapter

**See Hydraulic Pumps and Hydraulic Hoses; Pump Accessories  
for other necessary equipment.**

## MCC Series

### Manual Cable Cutters

MCC600 cuts to 600 kcmil Cu/Al;  
MCC1000 cuts to 1000 kcmil Cu/Al

- Rugged, high quality steel cutting blades
- Fiberglass handles with soft grips
- Excellent cutting edge performance
- Minimum of cable distortion

#### For Use On:

**Copper/Aluminum Cable:** up to 600 kcmil (MCC600)  
up to 1000 kcmil (MCC1000)

#### Variations:

**MCC600** 3.5 lbs; 21" overall length; cuts copper and aluminum cable to 600 kcmil; max. insulation diameter 1.31"

**MCC1000** 9.0 lbs; 32" overall length; cuts copper and aluminum cable to 1000 kcmil; max. insulation diameter 1.90"



#### Specifications (MCC600):

**Weight:** 3.5 lbs  
**Size:** 21.00 x 5.00" x 2.00"  
**Max. Insulation Dia.:** 1.31"  
**Warranty:** 1 year limited warranty (excluding blades)

#### Accessories:

**MCC600BLADESET:** Replacement blades for MCC600  
**MCC1000BLADESET:** Replacement blades for MCC1000

**RCC - Cu/Al****RCC-Series Ratchet Cutters for Cu/Al**

Three variations covering a range of Cu/Al

- Rugged, high quality steel cutting blades
- Excellent cutting edge performance
- Minimum of cable distortion

**For Use On:**

**RCC600E:** Copper & Aluminum 600 kcmil

**RCC750HD:** Copper & Aluminum 750 kcmil

**RCC1000:** Copper & Aluminum 1000 kcmil

**Variations:**

**RCC600E** 10.5" overall length; cuts copper and aluminum cable to 600 kcmil; max. insulation diameter 1.05"; 1.3 lbs

**RCC750HD** 10.5" overall length; cuts copper and aluminum cable to 750 kcmil; max. insulation diameter 1.62"; 2.4 lbs

**RCC1000** 20" overall length; cuts copper and aluminum cable to 1000 kcmil; max. insulation diameter 2.38"; 5.0 lbs

**Specifications (RCC600E):**

<b>Weight:</b>	1.3 lbs
<b>Length:</b>	10.50" x 4.25" x 1.75"
<b>Max. Insulation Dia.:</b>	1.05"
<b>Warranty:</b>	1 year limited warranty (excluding blades)

**Accessories:**

<b>RPC701302:</b>	Fixed Replacement Blade for RCC1000
<b>RPC701402:</b>	Moveable Replacement Blade for RCC1000

## RCC - Cu/Al & ACSR

### RCC-Series Cutters for Cu/Al and ACSR

Three variations covering a range of Cu/Al and ACSR

- Quick release, bi-directional ratchet mechanism
- Rapid blade advance
- Easy cutting with minimal cable distortion

#### For Use On:

**RCC954ACSR1K:** Copper 1000 kcmil;  
Aluminum 1000 kcmil;  
ACSR 954 kcmil

**RCC556:** Copper 500 kcmil;  
Aluminum 500 kcmil;  
ACSR 556 kcmil

**RCC336:** Copper 350 kcmil;  
Aluminum 500 kcmil;  
ACSR 336 kcmil

#### Variations:

**RCC954ACSR1K** 22.75" overall length; 1.38" max. insulation diameter; 6.5 lbs

**RCC556** 20" overall length; 1.25" max. insulation diameter; 4.5 lbs

**RCC336** 10.5" overall length; .74" max. insulation diameter; 1.2 lbs



RCC954ACSR1K

#### Specifications (RCC954ACSR1K):

<b>Weight:</b>	6.5 lbs
<b>Size:</b>	22.75" x 7.00" x 1.88"
<b>Max. Insulation Dia.:</b>	1.38"
<b>Warranty:</b>	1 year limited warranty (excluding blades)

#### Accessories:

<b>RPC705501:</b>	Fixed Replacement Blade for RCC556
<b>RPC705601:</b>	Moveable Replacement Blade for RCC556
<b>RPC902101:</b>	Fixed Replacement Blade for RCC336
<b>RPC902201:</b>	Moveable Replacement Blade for RCC336

## RWRC Series

### RWRC-Series Ratchet Wire Rope Cutters Cuts Mild and Stainless Steel

- Hardened steel blades
- Rapid blade advance
- Reduced handle force compared to scissor or compound action designs

#### For Use On:

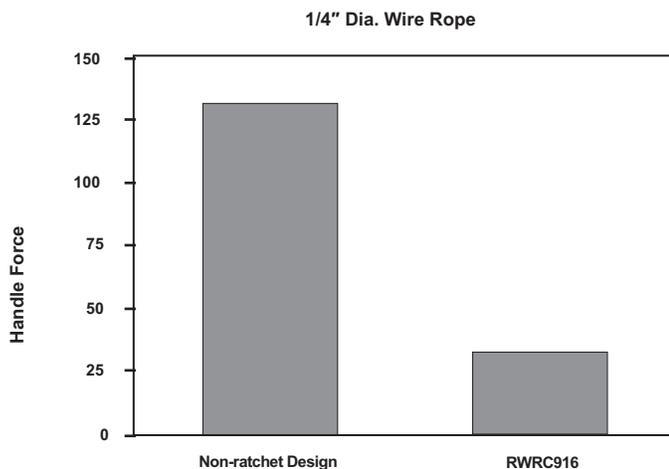
**RWRC916:** Mild Steel: 9/16" diameter  
Stainless Steel: 1/2" diameter

**RWRC516:** Mild Steel: 5/16" diameter  
Stainless Steel: 1/4" diameter



#### Specifications (RWRC916):

<b>Weight:</b>	4.4 lbs
<b>Size:</b>	20.00" x 9.00" x 2.00"
<b>Mild Steel Dia.:</b>	9/16"
<b>Stainless Steel Dia.:</b>	1/2"
<b>Warranty:</b>	2 year limited warranty (excluding blades)



#### Variations:

**RWRC916** 20" overall length; 9/16" diameter Mild Steel; 1/2" diameter Stainless Steel; 4.4 lbs

**RWRC516** 10" overall length; 5/16" diameter Mild Steel; 1/4" diameter Stainless Steel; 1.2 lbs

# Tooling Hydraulic Pumps



## Y10AC9

### Electric Hydraulic Pump; 10,000 PSI

Light weight, space saving design

- Easy to carry and transport
- Factory set relief valve
- 100,000+ life cycles
- Sealed electric pendant switch with 10-foot cord

#### For Use With:

**Y10AC9:** 10,000 PSI electric pump  
**Used with:** Y34BH, Y35BH, Y35BH4, Y39BH, Y45, Y46, Y46C, Y750BHXT, Y750CBHXT, Y644MBH, Y4PC834MBH, Y81KFTMBH, Y60BHU, Y60LW, RHCC Series Cutters

#### Variations:

**Y10AC9OEM** Electric hydraulic pump with foot switch; pump features "Jog & Hold"

*Examples of some of the remote crimping and cutting heads for use with Y10AC9 pump*



Y60LW



RHCC129ACSR



RHCC10ACSR



Y4PC834MBH



#### Specifications:

<b>Weight:</b>	28.0 lbs (including oil)
<b>Motor:</b>	115V-AC 50/60 Hz 5/8 HP, 10,000 RPM
<b>Height:</b>	14.38"
<b>Base:</b>	18.00" x 8.75" x 6.50"
<b>Max. Current Draw:</b>	11 amp
<b>Reservoir Volume:</b>	1.61 quarts
<b>Warranty:</b>	5 year limited warranty

#### Accessories:

**YACCASE:** Steel carrying case with handle and locking latch  
**YACFC:** Foot control switch

*See Hydraulic Hoses; Pump Accessories for Hose options*

US: 1-800-346-4175 / International: 1-603-647-5299 / Canada: 1-800-387-6487 / [www.burndy.com](http://www.burndy.com)

Electronic Update November 2015

## EPP10

### Electric Hydraulic Pump; 10,000 PSI

Also available in 6,000 PSI

- Lightweight, small size
- 100,000+ life cycles
- Durable remote pendant switch

#### Variations / For Use With:

**EPP10:** 10,000 PSI electric pump  
**Used with:** Y34BH, Y35BH, Y35BH4, Y750BHXT,  
Y750CBHXT, Y39BH, Y45, Y46C, Y46, Y60BHU,  
Y60LW, Y644MBH, Y4PC834MBH, Y81KFTMBH,  
RHCC Series Cutters

**EPP6:** 6,000 PSI electric pump  
**Used with:** Y29BH, Y35L



#### Specifications:

<b>Motor:</b>	115V-AC/60 Hz 1/2 HP @ 3450 RPM
<b>Max. Current Draw:</b>	12.5 amperes
<b>Weight:</b>	30.0 lbs
<b>Base:</b>	18.00" x 8.00" x 6.00"
<b>Height:</b>	16.00"
<b>Reservoir Volume:</b>	2 quarts
<b>Warranty:</b>	5 year limited warranty

#### Accessories:

**EPPCASE1:** Steel carrying case with handle, locking latch  
**PT9711:** Pendant switch

*See Hydraulic Hoses; Pump Accessories for Hose options*

*Examples of some of  
the remote crimping and  
cutting heads for use  
with EPP10 pump*



**RHCC245CUAL**



**Y750BHXT**



**Y644MBH**



**Y81KFTMBH**

# Tooling Hydraulic Pumps



## EP10

### Electric Hydraulic Pump; 10,000 PSI

Also available in 6,000 PSI

- Dual voltage / hertz
- Oil level window
- 8 quart reservoir

#### Variations / For Use With:

**EP10:** 10,000 PSI electric pump; 1/2 HP 115/230 V-AC; 60 cycle

**Used with:** Y34BH, Y35BH, Y35BH4, Y750BHXT, Y750CBHXT, Y39BH, Y45, Y46C, Y46, Y60BHU, Y60LW, Y644MBH, Y4PC834MBH, Y81KFTMBH, RHCC Series Cutters

**EP101HP:** 10,000 PSI electric pump; 1 HP 115/230 V-AC; 60 cycle

**Used with:** Y34BH, Y35BH, Y35BH4, Y750BHXT, Y750CBHXT, Y39BH, Y45, Y46C, Y46, Y60BHU, Y60LW, Y644MBH, Y4PC834MBH, Y81KFTMBH, RHCC Series Cutters

**EP101HP2:** 10,000 PSI electric pump; 1/2 HP 220/230 V-AC; 50/60 cycle

**Used with:** Y34BH, Y35BH, Y35BH4, Y750BHXT, Y750CBHXT, Y39BH, Y45, Y46C, Y46, Y60BHU, Y60LW, Y644MBH, Y4PC834MBH, Y81KFTMBH, RHCC Series Cutters

**EP102:** 10,000 PSI electric pump; 1/2 HP 220/230 V-AC; 50/60 cycle

**Used with:** Y34BH, Y35BH, Y35BH-4, Y750BHXT, Y750CBHXT, Y39BH, Y45, Y46C, Y46, Y60BHU, Y60LW, Y644MBH, Y4PC834MBH, Y81KFTMBH, RHCC Series Cutters

**EP6:** 6,000 PSI electric pump

**Used with:** Y35L, Y29BH



#### Specifications:

<b>Motor:</b>	1/2 HP 115/230V-AC, 60 Cycle; 1/2 HP @ 3450 RPM
<b>Max. Current Draw:</b>	10 amperes
<b>Reservoir Volume:</b>	8 quarts max; 2 quarts min.
<b>Height:</b>	17.50"
<b>Base:</b>	11.75" x 18.50"
<b>Dry Weight:</b>	68.0 lbs (86.0 lbs with max. fluid)
<b>Warranty:</b>	5 year limited warranty

#### Accessories:

*See Hydraulic Hoses; Pump Accessories for Hose options*

US: 1-800-346-4175 / International: 1-603-647-5299 / Canada: 1-800-387-6487 / [www.burndy.com](http://www.burndy.com)

Electronic Update November 2015

## EPAC10

### Electric Hydraulic Pump; 10,000 PSI

Also available in 6,000 PSI

- Roll cage
- 3 position switch and control box
- Full automatic or manual "Jog and Hold" cycles
- Windows allow easy inspection of proper oil level

#### Variations / For Use With:

**EPAC10:** 10,000 PSI electric pump  
**Used with:** Y34BH, Y35BH, Y35BH4, Y39BH, Y45, Y46, Y46C, Y750BHXT, Y750CBHXT, Y644MBH, Y4PC834MBH, Y81KFTMBH, Y60BHU, Y60LW, RHCC Series Cutters

**EPAC6:** 6,000 PSI electric pump  
**Used with:** Y29BH, Y35L

*Examples of some of the remote crimping and cutting heads for use with EPAC10 pump*



Y60LW



Y81KFTMBH



RHCC129ACSR



#### Specifications:

<b>Motor:</b>	1/2 HP 115/230V-AC, 60 Cycle; 1/2 HP @ 3450 RPM
<b>Max. Current Draw:</b>	10 amperes
<b>Reservoir Volume:</b>	8 quarts max; 2 quarts min.
<b>Height:</b>	17.50"
<b>Base:</b>	11.75" x 18.50"
<b>Dry Weight:</b>	68.0 lbs (82.0 lbs with max. fluid)
<b>Warranty:</b>	5 year limited warranty

#### Accessories:

*See Hydraulic Hoses; Pump Accessories for Hose options*

## HP10 and FP10

### Manual Hydraulic Pump; 10,000 PSI

Also available in 6,000 PSI

- Solid base with broad leg stabilizers
- Quick disconnect hydraulic fitting
- Built in handle for easy transport
- Factory set pressure release valve with audible click
- Quality, heavy duty foot pad with diamond plate steel (FP10)

#### Variations / For Use With:

**HP10:** 10,000 PSI hand pump  
**Used with:** Y34BH, Y35BH, Y35BH4, Y750BHXT, Y750CBHXT, Y39BH, Y45, Y46C, Y46, Y644MBH, Y4PC834MBH, Y81KFTMBH, RHCC Series Cutters

**HP6:** 6,000 PSI hand pump  
**Used with:** Y29BH, Y35L

**FP10:** 10,000 PSI foot pump  
**Used with:** Y34BH, Y35BH, Y35BH4, Y750BHXT, Y750CBHXT, Y39BH, Y45, Y46C, Y46, Y644MBH, Y4PC834MBH, Y81KFTMBH, RHCC Series Cutters

**FP6:** 6,000 PSI foot pump  
**Used with:** Y29BH, Y35L



*HP10 Hand Pump*

#### Specifications:

<b>Weight:</b>	18.0 lbs
<b>Size:</b>	24.75" x 6.75" x 3.00"
<b>Height (open):</b>	20.00"
<b>Reservoir Volume:</b>	1-1/8 quarts
<b>Warranty:</b>	5 year limited warranty

#### Accessories:

**BP10PADKIT:** Extended leg pad stabilizers (includes hardware)

*See Hydraulic Hoses; Pump Accessories for Hose options*

# GP10

## Gasoline Engine Driven Hydraulic Pump; 10,000 PSI

Heavy Duty 4 Horse Power gasoline engine

- Sturdy steel roll cage design
- Manual control valve
- Fast hose assembly; quick disconnect hydraulic coupler
- Large 8 quart reservoir

### For Use With:

**GP10:** 10,000 PSI; 4 HP engine, 4 cycle  
**Used with:** Y34BH, Y35BH, Y35BH4, Y750BHXT,  
Y750CBHXT, Y39BH, Y45, Y46C, Y46, Y60BHU,  
Y60BHUD, Y60LW, Y644MBH, Y4PC834MBH,  
Y81KFTMBH, RHCC Series Cutters

*Examples of some of  
the remote crimping and  
cutting heads for use  
with GP10 pump*

**Y60BHU**



**Y750BHXT**



**Y644MBH**



### Specifications:

<b>Engine:</b>	4 H.P.; 4 Cycle
<b>Weight:</b>	77.8 lbs (overall dry weight)
<b>Size:</b>	21.00" x 22.25" x 16.00"
<b>Reservoir Volume:</b>	8 quarts
<b>Warranty:</b>	5 year limited warranty

### Accessories:

*See Hydraulic Hoses; Pump Accessories for Hose options*

## Hydraulic Hoses

### 10,000 PSI Non Conductive Hoses

- 3 lengths available in 2 diameters
- Orange
- Stackable couplers (male/female)

#### Variations:

PT2990010	10' length; 3/16" diameter
PT2990015	15' length; 3/16" diameter
PT2990025	25' length; 3/16" diameter
PT2990110	10' length; 1/4" diameter
PT2990115	15' length; 1/4" diameter
PT2990125	25' length; 1/4" diameter

#### Notes:

For proper care and maintenance of hydraulic hoses, consult the **Hydraulic Hose Care Manual; Form #7828**.

1/4" diameter (available for 10,000 PSI only) hose provides a higher flow rate for faster ram movement.



### 6,000 PSI Non Conductive Hoses

- 3 lengths available
- Orange
- Stackable couplers (male/female)

#### Variations:

PT2990210	10' length; 3/16" diameter
PT2990215	15' length; 3/16" diameter
PT2990225	25' length; 3/16" diameter

## Hydraulic Hoses

### 10,000 PSI Conductive Hose

- Stackable couplers (male/female)
- Steel braided with steel spring reinforced ends
- Black

#### Variations:

**PT91** 8' length; steel braided with steel spring reinforced ends; stackable couplers (male/female); Black. No electrical rating.  
**DO NOT USE ON ENERGIZED CONDUCTOR**

#### Notes:

For proper care and maintenance of hydraulic hoses, consult the **Hydraulic Hose Care Manual; Form #7828**.



### 8,800 PSI Conductive Hose

- Stackable couplers (male/female)
- Steel braided with steel spring reinforced ends
- Black

#### Variations:

**PT76** 8' length; steel braided with steel spring reinforced ends; stackable couplers (male/female); Black. No electrical rating.  
**DO NOT USE ON ENERGIZED CONDUCTOR**

## Accessories



### PT290741 Insulated Hose Carrying Bag

- Designed for protection and cleanliness for non conductive hoses; maximum carrying capacity of 10 lbs.
- Accommodates 100 feet of non-conductive hose coiled to 17-1/2" OD and 3-3/4" wide



### PT93 (Male) and PT94 (Female)

- Replacement couplers for 10,000 PSI operating pressure (sold separately)



### PT29091 (Male) and PT292141 (Female)

- Replacement couplers for 6,000 PSI operating pressure (sold separately)



### ALFLUID™ Hydraulic Fluid for Pumps

- **ALFLUIDQT** is quart size; **ALFLUIDGAL** is gallon size
- All weather hydraulic fluid for BURNDY<sup>®</sup> pumps types HP hand pump, FP foot pump, GP gasoline pump, and EPP electric pump



### PT11018 In-Line Pressure Gauge for 10,000 PSI Hydraulic Pumps

- Pressure gauge for 10,000 PSI operating hydraulic pumps

## W Die Related



### WBG Die Set

- Double groove die set
- One (1) crimp per end on service entrance sleeves
- Requires half the number of crimps on other 5/8" sleeves



### W28K Cutter Die Set

- Cuts #4 - 4/0 ACSR, Aluminum or Copper



### WDIETREE W Die Holder

- Innovative die holder as alternative to the standard die case
- Designed to hold up to 6 W dies
- Shown with WBG die set (not included)



### W687 & W702 Non-Bowing Die Sets

- Install one-piece, full-tension UNISPLICE™ sleeves on ACSR conductors without bowing (sold separately)

**W687:** Installs #4 ACSR 6/1, 7/1; YDS4RL and YDS4RLY  
#2 ACSR 6/1; YS2RL and YDS2RLY

**W702:** Installs #2 ACSR 7/1; YDS021RL and YDS021RLY  
#1/0 ACSR; YDS25RL and YDS25RLY



### CASEWDIES Compact Die Case

- Space for 12 W or X style dies (not included)

## MD6/MD7 Related



### MD6CP1 Protective Jaw Covers

- Laminated vinyl jaw covers, supplied as set
- Compact, snap in place easily
- Fits all styles except Snub-Nose variations



### PT6744 Jaw Cover (Snub-Nose)

- Semi-rigid Neoprene non-conductive material
- Fits all MD66 Snub-nose variations



### PT49311 Die Button Repair Kit

- Replacement die button kit for MD6/MD7 tool variations



### PT4925 Canvas Bag

- Sturdy canvas bag for MD6/MD7 tool variations with or without covers in place
- Holds up to 9 die sets (sold separately)



### PT49521 Steel Carrying Case

- Provides storage for the following: MD6, MD66, MD68, MD614, MD637, MD638, MD7, and MD76 with or without covers (sold separately)
- Holds up to 18 die sets (sold separately)



### PT6733 Hotstick Tool Carrying Bag

- Heavy-duty, adjustable canvas bag
- Accommodates 48", 60" and 72" variations of the MD6 and Y35 Hotstick tools

## Accessories



### PT6545 Die Case for S or P Style Die Sets

- Metal carrying case
- Accommodates 8 S or P Style Die Sets typically used with the Y45 and Y46 series of tools



### HYFLUID™ Hydraulic Fluid for HYPRESS™ Hand Tools

- HYFLUIDQT - quart size; HYFLUIDGAL - gallon size
- Hydraulic fluid for HYPRESS™ hand tools types Y35, Y352, Y39, Y750HSXT, and Y750CHSXT



### PT29291 Carry Case for U Dies

- Steel case design for storage and protection of U dies
- Accommodates 15 die sets (standard or wide width U dies)
- Case is 9-1/2" x 6" x 1-1/2"
- Die sets sold separately

### Y35/Y39REPKITA Seal Repair Kit

- Seal repair kit for Y35 or Y39 tools

### Steel Carrying Cases for Y35 and Y352

- **PT2972** - steel carrying case for Y35 tool
- **PT29360** - steel carrying case for Y352 tool



PT294021

### Adjustable Head Grip for Hot Stick PT294021 for Y35 and Y750 remote tools PT10128 for Y46

- Adjustable head grip for joining HYPRESS™ heads to universal hot sticks

## FORCEGAUGE1215

### Force Test Gauge for 12 and 15 ton tools

Use with PAT46\*, PAT750, Y750 and Y35

- Custom U die blanks with detent
- Accommodates 12 ton or 15 ton tools
- Comes with custom polymer-based carry case to protect blanks and gauge

\* PUADP1 adaptor required with PAT46 tool



*FORCEGAUGE1215 in case  
(all items included)*

### PT292792 Force Test Gauge for Y39

- For Y39 HYPRESS<sup>™</sup> tools
- Not recommended for remote powered heads
- Easy to read dial; includes operating and maintenance manual and test dies



*FORCEGAUGE1215 with die blanks (included)*

#### Gauge Specifications:

Weight:	2.7 lbs (4.5 lbs for entire kit)
Size:	8.30" x 4.30" x 1.50"
Warranty:	1 year limited warranty



#### Gauge Specifications:

Weight:	2.7 lbs
Size:	9.25" x 3.88" x 2.00"
Warranty:	1 year limited warranty

# WIREMIKE™

## Stainless Steel Wire Micrometer

Available in Inch or Decimal format

- Strong, durable, high quality
- Measures I.D. and O.D. of tubing
- Measures thin-wall and rigid conduit including IPS
- Measures ACSR, stranded and solid commercial cables
- Use as caliper or ruler

### For Use On:

#### ACSR

#6 to 336.4 (26/7) Stranded

#### Stranded AWG

#18 to 2000 kcmil

#### Solid

#20 to 4/0 AWG

#### IPS Tubing (Cu/Al) and Rigid Conduit:

1/4" to 2-1/2"

#### Tubing Sizes:

3-1/8" inside maximum; 2-15/16" outside maximum

#### Thin-wall Conduit:

3/8" to 2-1/2"

### Variations:

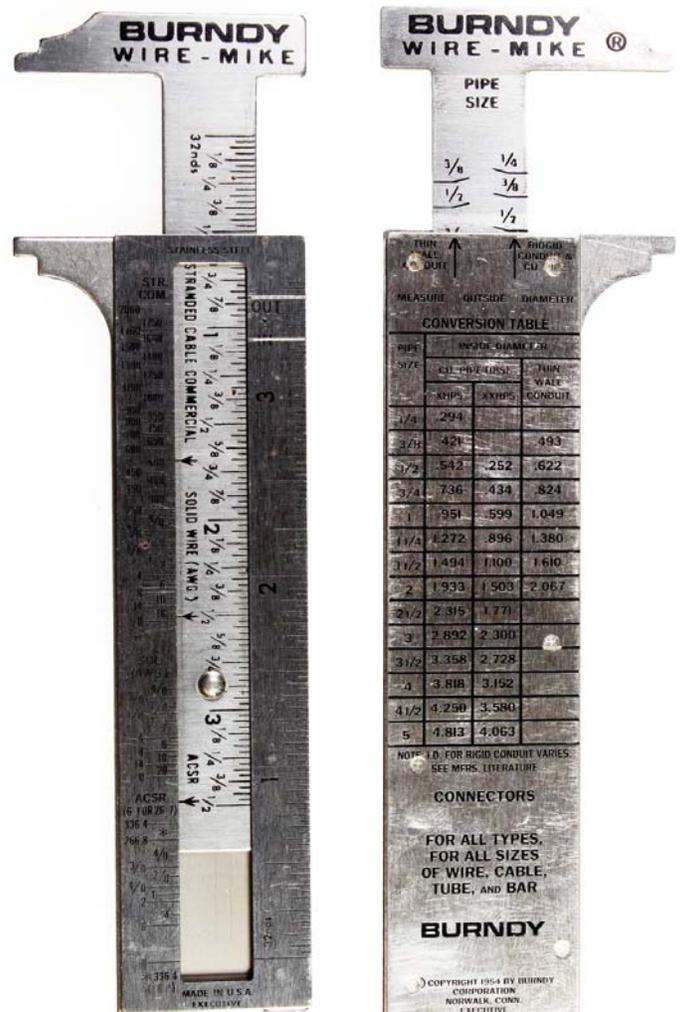
**WIREMIKE** Stainless Steel WIREMIKE™ with inch/fraction markings

**WIREMIKED** Stainless Steel WIREMIKE™ with decimal markings

**RK1942** Convenience packaging of WIREMIKE (with inch markings) in packaging suitable for hanging on a rack; sold in multiples of 10 only



WIREMIKE



# Tooling

## Adjustable - Ratchet Torque Tools



### BTW Series

#### Micro-Adjustable Professional Grade Hand-operated "Click-Type" Torque Wrenches

- Ratcheting, calibrated, dual direction
- Positive lock with spring-loaded pull-down lock ring
- Individually serialized with matching certificate of calibration traceable to N.I.S.T.
- ASME B107.14M-1994 and ISO 6789

#### For Use On:

Any mechanical connection with torque values within range of specific torque wrench. Including, but not limited to:

Types: SERVIT<sup>®</sup>, OKLIP<sup>™</sup>, VERSITAP<sup>™</sup>, SCRULUG<sup>™</sup>, Lay-In QIKLUG<sup>™</sup>, VARITAP<sup>™</sup>, VARILUG<sup>™</sup>, KA-U Universal Terminals, UNITAP<sup>™</sup>, POLYTAP<sup>™</sup>, BARTAP<sup>™</sup>, Type BIPC, Terminal Blocks, U-BLOK<sup>™</sup>, SPEC-BLOK<sup>™</sup>, VERSIPOLE<sup>™</sup>

#### Variations:

**BTW30150** Torque range 30 - 150 in-lbs; 10.25" long; 3/8" drive

**BTW150750** Torque range 150 - 750 in-lbs; 16.00" long; 3/8" drive

**BTW1575F12** Torque range 15 - 75 ft-lbs; 16.00" long; 1/2" drive



#### Specifications:

**Accuracy:** ±4% clockwise; ±6% counter clockwise of indicated value clockwise, from 20% to 100% of full scale

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

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

**Warranty:** 1 year limited warranty



US: 1-800-346-4175 / International: 1-603-647-5299 / Canada: 1-800-387-6487 / [www.burndy.com](http://www.burndy.com)

Electronic Update November 2015

 **Tools & Accys****WTB**

- WEJTAP™ patented tool body
- One piece assembly
- Installs WEJTAP™ and STIRRUP™ connectors #8 AWG - 1590 kcmil ACSR with applicable tool head

**WTHY1S**

- WEJTAP™ tool head
- Installs medium and large (yellow coded) connectors

**WTHRBY1S**

- WEJTAP™ tool head
- Installs small and medium (red/blue coded) connectors

**WTBASY**

- WEJTAP™ ram replacement assembly

**WTOCBR**

- WEJTAP™ removal clip for red and medium (blue) tap connectors
- Used with the WTHRBY1S tool head

**WTOCY**

- WEJTAP™ removal clip for large (yellow coded) tap connectors
- Used with the WTHY1S tool head

**WTCK**

- WEJTAP™ tool cleaning/maintenance kit for use with type WTB tool body
- Comes in clear carrying bag

# Hotstick Accys



## WHSCWH

- Hotstick connector clamp holds tap connector and wedge for installation on energized lines with shotgun hotstick



## WHSPBC

- Hotstick dual cable clamp to hold run and tap conductors in place during installation; for all applications #8-1272 ACSR



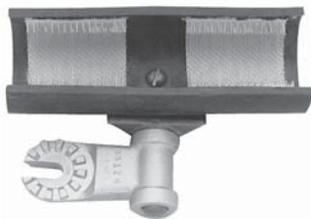
## WHSWHADP

- Hotstick angle wedge holder adapter attaches wedge clamp to universal hotstick for hotline installation



## WCHAWAS

- Hotstick angle wedge holder adapter attaches wedge clamp to universal hotstick for installation using shotgun stick



## WHSWB

- Hotstick wirebrush attaches to universal hotstick for cleaning the contact surface of the line conductor



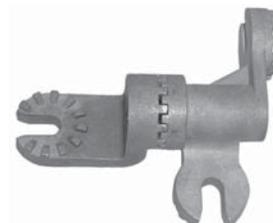
## WHSGB

- Hotstick breech drive; geared shotgun hotstick adapter latches to breech end of tool without disassembly for use on energized lines



## WHSTA

- Hotstick tool (actuator) hammer attaches to universal hotstick for striking the actuator button to complete installation

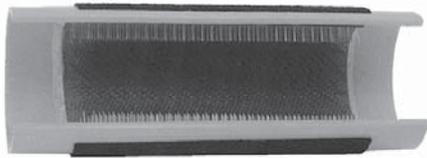


## WHSSADP

- Hotstick spring loaded 90 degree adapter; used to attach tool to universal hotstick for hotline installations

US: 1-800-346-4175 / International: 1-603-647-5299 / Canada: 1-800-387-6487 / [www.burndy.com](http://www.burndy.com)

# Accys & Kits



## WHHWB

- Hand-held wire brush for cleaning surface contact areas on non-energized conductors



## WTCC

- Plastic carrying case only; designed for rugged use in all weather conditions
- Accommodates WEJTAP™ installation tool, removal clips, and cleaning kit (sold separately)



## WABAG

- Durable bag designed to carry installation tool(s), removal clips, cleaning kit, and hotstick accessories; Holders for power boosters located on outside of bag (all sold separately)

## WEJTAP™ Kits with contents shown below

	*Non-Hotstick Power Unit	Hotstick Power Unit	Self-Firing Tool	Large Frame (Yellows)	Large Frame Take Off Clip	Small Frame (Red, Blue)	Cleaning Kit	Small Frame Take Off Clip	Molded Carrying Case	Canvas Style Tool Bag
Component Kit Catalog No.	WTBNHS*	WTB	WTBGBW	WTHY1S	WTOCY	WTHRB1S	WTCK	WTOCBR	WTCC	WABAG
WT2B2RBYWABAG		2		1	1	1	1	1		1
WT2BRBYWABAG		2				1	1	1		1
WTRBYK		1		1	1	1	1	1	1	
WTRBYKNHS	1			1	1	1	1	1	1	
WTYK		1		1	1		1			
WTYKNHS	1			1	1		1			
WTRBK		1				1	1	1	1	
WTRBKNHS	1					1	1	1	1	
WT2BRBYK		2		1	1	1	1	1	1	
WTY		1		1			1			
WTRB		1				1	1			
WTYWABAG		1		1	1		1			1
WTYKNHSBAG	1			1	1		1			1
WTRBWABAG		1				1	1	1		1
WTRBKNHSBAG	1					1	1	1		1
WTBGBWRBYK			1	1	1	1	1	1	1	
WTRBYWABAG		1		1	1	1	1	1		1
WTRBYKNHSBAG	1			1	1	1	1	1		1

\*Note: Non-hotstick power units do not contain features allowing activation with hotsticks; they are not upgradeable.

# Design Selection

## Auger Bits for Wood, Fiberglass, Composite Poles



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

\*Approximate comparison of # holes drilled/bit



*HIW716MAG Hydraulic Impact Wrench*

# Part Number Chart

## Auger Bits for Wood, Fiberglass, Composite Poles

OAL	DIA	TREATED WOOD		FIBERGLASS / COMPOSITE	
		DOMINATOR	ELIMINATOR™	HOLLOW CORE	SOLID CORE
8"	9/16"				
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"				
18"	5/8"	LPHTBIT5818D			
18"	11/16"	LPHTBIT111618D	LPHTBIT111618		
18"	3/4"	LPHTBIT3418D			
18"	13/16"	LPHTBIT131618D	LPHTBIT131618		
18"	7/8"	LPHTBIT7818D			
18"	15/16"	LPHTBIT151618D	LPHTBIT151618		
24"	5/8"	LPHTBIT5824D			
24"	11/16"	LPHTBIT111624D			
24"	3/4"	LPHTBIT3424D			
24"	13/16"	LPHTBIT131624D	LPHTBIT131624		
24"	15/16"	LPHTBIT151624D			
24"	1 1/8"	LPHTBIT11824D			

Other styles and sizes are available on request



HIW716ENF Hydraulic Impact Wrench

# HIW716ENF

## ENFORCER® Hydraulic Impact Wrench Variable Torque; 7/16" Quick Chuck

- Industry exclusive torque selector allows switching between 200 and 515 ft-lb torque settings
- Dual spool selector for Open and Closed systems
- Cartridge style valves for greater accuracy
- Internal safety relief valve

### Variations:

<b>HIW716ENFKIT1</b>	Wrench, eyelet
<b>HIW716ENFKIT2</b>	Wrench, eyelet, flat face couplers
<b>HIW716ENFKIT3</b>	Wrench, flat face couplers
<b>HIW716ENFTG</b>	Wrench, trigger guard
<b>HIW716ENFTGKIT1</b>	Wrench, trigger guard, flat face couplers



**HIW716ENFTGKIT1** Hydraulic Impact Wrench shown with trigger guard, adaptors and couplers

See our complete line of Auger Bits



### Specifications:

<b>Chuck Type:</b>	7/16" Quick Change
<b>Opt. Pressure:</b>	750-2000 PSI
<b>Flow Range:</b>	4-12 GPM
<b>Opt. Flow Range:</b>	4-8 GPM
<b>Weight:</b>	6.0 lbs
<b>Torque:</b>	515 ft-lbs
<b>Size:</b>	9.00" x 7.75" x 3.12"
<b>Warranty:</b>	5 year limited warranty

### Accessories:

<b>HIW716ENFTGKIT:</b>	Trigger guard assembly kit
<b>LPHTADPMMOP66:</b>	Male to male adaptor for use with couplers listed below *(Qty. 2)
<b>LPHTHTMANOSE66:</b>	Male coupling 3/8" NPT *(Qty. 1) per tool Qty. 2 per hose
<b>LPHTHTMABODY66:</b>	Female coupling 3/8" NPT *(Qty. 1) per tool Qty. 2 per hose
<b>LPHTHOSNCR66668:</b>	3/8" X 8' hose set *(Qty. 1)
<b>LPHTHOSNCR666610:</b>	3/8" X 10' hose set *(Qty. 1)

\*(Recommended quantity for use with HIW716ENF)

See Low Pressure Hydraulic Accessories for additional options

# HIW716MAG

## MAG Series, Hydraulic Impact Wrench Machined Aluminum, Gerotor Design

- Aircraft grade extruded aluminum body, forged handle
- CNC machined parts
- Frictionless gerotor motor
- Cartridge style valve
- 7/16" Tri-ball quick change chuck
- Dual spool selector for Open & Closed systems
- "Glove-sized" wide grip activation trigger
- Inlet/Outlet SAE 6 adapters
- Reverse flow and hook-up protection
- Injection molded thermally insulated textured comfort grips
- Forward/Reverse selector

### Variations:

<b>HIW716MAGKIT1</b>	Wrench, flat face couplers
<b>HIW716MAGKIT2</b>	Wrench, swivels, 8' NCR hose, flat face couplers
<b>HIW716MAGKIT3</b>	Wrench, swivels, 10' NCR hose, flat face couplers
<b>HIW716MAGKIT4</b>	Wrench, flat face couplers, trigger guard
<b>HIW716MAGKIT5</b>	Wrench, flat face couplers, trigger guard, handle



### Specifications:

<b>Chuck Type:</b>	7/16" Tri-ball quick chuck
<b>Opt. Pressure:</b>	1,000 - 2,000 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>Size:</b>	9.62" x 9.00" x 3.62"
<b>Warranty:</b>	5 year limited warranty

### Accessories:

#### LPHTADPMM71612

7/16" quick chuck to 1/2" square drive adapter

#### 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

3/8" X 8' hose set

#### LPHTHOSNCR666610

3/8" X 10' hose set

#### LPHTADPSMFOP66 (2 required)

SAE swivel adapter

See Low Pressure Hydraulic Accessories for additional options



**MAGHOLSTER**  
*(tool not included)*

Also see our full line of Auger Bits!

# Tooling

## Low Pressure Hydraulic



# LPHY750XT

## KOMPRESSOR™ Remote Operated 12 Ton Low Pressure Hydraulic Compression Tool

- Visual and audible crimp indicator
- 1.65" jaw opening covers a range of applications
- 350° head rotation
- Uses all standard BURNDY® U dies
- Crimp time approximately 2 seconds

### For Use On:

#### Tension Sleeves

Copper	#8 sol. - 500 kcmil
Aluminum	#8 sol. - 587.2 kcmil
ACSR	#4 - 556.5 kcmil

#### Taps

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

#### Aerial Cable

Copper	#6 - 500 kcmil
--------	----------------

#### Terminals & Splices

Copper	#8 - 750 kcmil
Aluminum	#8 - 750 kcmil
ACSR	#4 - 556.5 kcmil

#### HYGROUND® (Compression Grounding)

Copper	#8 - 500 kcmil
Ground Rods	1/2" - 1" diameter

### Variations:

LPHY750CXT	LPHY750XT with molded rubber covering
LPHY750K	LPHY750XT with KEARNEY head



*LPHY750XT shown with couplers (sold separately)*

### Specifications:

Flow Rate:	3 - 9 GPM (11 - 34 LPM)
Operating Pressure:	1,500 - 2,500 PSI (103 - 172 BAR)
Force Developed:	12 Tons
Die Style:	U dies
Jaw Opening:	1.65"
Weight:	21.0 lbs (9.5 kg)
Size:	20.75" x 15.00" x 12.00"
Max. Back Pressure:	250 PSI (17 BAR)
Warranty:	5 year limited warranty

### Accessories:

LPHTHOSNCR66668OP:	Direct connect 8' non-conductive hose set
LPHTHOSNCR666610OP:	Direct connect 10' non-conductive hose set
LPHTHOSNCR66668:	*8' non-conductive hose set
LPHTHOSNCR666610:	*10' non-conductive hose set
LPHTHTMANOSE66:	Male coupler 3/8" HTMA
LPHTHTMABODY66:	Female coupler 3/8" HTMA
LPHTADPSMFOP66:	Swivel Adapter

\*These hoses are used with LPHTADPSMFOP66 swivel adapter

*See Low Pressure Hydraulic Accessories for additional options*

US: 1-800-346-4175 / International: 1-603-647-5299 / Canada: 1-800-387-6487 / [www.burndy.com](http://www.burndy.com)

Electronic Update November 2015

## HBR Series

### Hydraulic Breakers

Light/Medium Duty (**HBR40**)

Medium/Heavy Duty (**HBR66**)

- Control trigger built into handle
- Provided with 18" braided whip hoses (couplers ordered separately)
- Standard tool attachment mechanism allows use of all standard tool bits

#### Variations:

**HBR40** Light to Medium Duty Hydraulic Breaker  
Performance: 45-55 lb class breakers;  
Weight: 40 - 48 lbs.; Length: 25";  
Tool Steel Capacity: 1" x 4-1/4"

**HBR66** Medium to Heavy Duty Hydraulic Breaker  
Performance: 60 - 80 lb class breakers;  
Weight: 50 - 67 lbs.; Length: 27" to 35";  
Tool Steel Capacity: 1-1/4" x 6"



*HBR66 Medium and Heavy Duty Hydraulic Breaker*



*HBR40 Light and Medium Duty Hydraulic Breaker*

#### Specifications:

<b>Flow:</b>	4 - 7 GPM (15 - 27 LPM)
<b>Optimum Flow:</b>	4 GPM (15 LPM)
<b>Pressure:</b>	1200- 2000 PSI (85 - 140 BAR)
<b>Max. Back Pressure:</b>	150 PSI (11 BAR)
<b>Whip Hoses:</b>	18" with 3/8" NPT fittings
<b>Warranty:</b>	5 year limited warranty

#### Accessories:

*See Low Pressure Hydraulic Accessories for options*

## Submersible Pumps

**Fully Submersible, 1,000-2,000 PSI Pumps**  
Provided with whip hoses

- Self-lubricating design
- Totally submersible
- Can run dry without damage
- Open/Closed Center operation

### Variations:

- HP3** 3" Submersible pump; 7-10 GPM flow; 36 lbs.; Pump capacity: 750 GPM (2800 LPM); Gear Motor; 3" Male Cam-lock; 50' maximum lift
- HTP3** 3" Submersible pump; 7-10 GPM flow; 40 lbs.; Pump capacity: 500 GPM (1900 LPM); Gear Motor; 3" Male Cam-lock; 40' maximum lift; 1/2" x 14 (#8) NPT (F)
- HP2HV** Submersible pump adaptable to 2" or 2-1/2" discharge; 4-9 GPM flow; 13 lbs.; Pump capacity: 340 GPM; Gerotor Motor



HTP3



HP3

### Accessories:

- HOSE325:** 25 ft. long hose (for HP3, HTP3)  
**HOSE350:** 50 ft. long hose (for HP3, HTP3)

- HP2CAMLOCKHOSESET:** Hose Set Kit (for HP2HV)  
**HOSE2:** 25 ft. long hose (for HP2HV)

*See Low Pressure Hydraulic Accessories for additional options*



HP2HV

# HPT-R1 Series

## Low Pressure Hydraulic Pole Tampers

Available with or without On/Off Valve

- Patented valving prevents impacting of ram within tamper
- Stroke amplitude of 1-5/8"
- Stroke frequency of 1375 blows/min
- Interchangeable heavy duty tamper shoes (sold separately)

### Variations:

<b>HPT60R1</b>	60" length; 29 lbs; with On/Off valve
<b>HPT72R1</b>	72" length; 30 lbs; with On/Off valve
<b>HPT84R1</b>	84" length; 32 lbs; with On/Off valve
<b>HPT96R1</b>	96" length; 34 lbs; with On/Off valve
<b>HPT59R1</b>	59" length; 26 lbs; without On/Off valve
<b>HPT71R1</b>	71" length; 28 lbs; without On/Off valve
<b>HPT83R1</b>	83" length; 31 lbs; without On/Off valve



*Hydraulic Tamper  
without On/Off Valve*



**TSKD**  
*Kidney Tamper Shoe*



**TSSQ**  
*Square Tamper Shoe*



*Hydraulic Tamper with On/Off Valve*

### Specifications:

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

### Accessories:

<b>TSKD:</b>	Kidney shoe; 3" x 8" (7.6 cm x 20.3 cm)
<b>TSSQ:</b>	Square shoe; 8" x 8" (20.3 cm x 20.3 cm)
<b>LPWHPKITD:</b>	Whip Hose Kit

*See Low Pressure Hydraulic Accessories for additional options*

# Tooling

## Low Pressure Hydraulic



# HHS & HPS Series

## Hydraulic Hand Chain and Pole Saws

### Low Pressure Hydraulic Chain Saws

- Gerotor-type motor has lifetime warranty
- .325" pitch anti-kickback chain
- Dual action spool switches from open to closed center operation easily

### Variations:

#### Hydraulic Hand Chain Saws:

- HHSO/CB13** 13" cutting capacity; 15-1/2" bar length; 7.5 lbs; 24" overall length
- HHSO/CB16** 16" cutting capacity; 18-1/2" bar length; 8.0 lbs; 27" overall length
- HHSO/CB20** 20" cutting capacity; 22-1/2" bar length; 8.5 lbs; 30" overall length

#### Hydraulic Pole Chain Saws:

- HPSO/C4B13** 76" (6'4") overall length; 4' pole length; 15-1/2" bar length; 13" cutting capacity; 9.0 lbs
- HPSO/C5B13** 88" (7'4") overall length; 5' pole length; 15-1/2" bar length; 13" cutting capacity; 9.5 lbs

### Accessories:

See *Low Pressure Hydraulic Accessories for options*



**HHSO/CB13**  
Low Pressure Hydraulic Hand Chain Saw

### Specifications:

<b>Flow:</b>	5-8 GPM (19-30 LPM)
<b>Pressure:</b>	1000-2000 PSI (70-140 BAR)
<b>Max. Back Pressure:</b>	250 PSI (17 BAR)
<b>Operation:</b>	Open/Closed Center
<b>Motor:</b>	Gerotor (lifetime warranty)
<b>Chain:</b>	.325" pitch anti-kickback
<b>Tool Ports:</b>	#6 SAE O-Ring (F)
<b>Warranty:</b>	5 year limited warranty



**HPSO/C4B13**  
Low Pressure Hydraulic  
Pole Chain Saw

## HPS-LW Series

### Hydraulic Pole Saws

Light weight, low pressure hydraulic

- CNC machined Aircraft grade solid Aluminum body and handle
- Branch hook
- Cartridge style valve
- External bar oiler
- 2-stage safety trigger, anti-kickback chain and anti-slip grip
- Fiberglass tube tested at final assembly with AB Chance Hot Stick Tester Model CC403-3178 to the value specified as per OSHA 1910.269

#### Variations:

**HPS1371LW** 71" overall length; 1.312" pole diameter; 13" cutting capacity; 8.0 lbs

**HPS1383LW** 83" overall length; 1.312" pole diameter; 13" cutting capacity; 8.2 lbs

#### Specifications:

<b>Flow:</b>	4-8 GPM (16-30 LPM)
<b>Pressure:</b>	1000-2000 PSI (70-140 BAR)
<b>Max. Back Pressure:</b>	250 PSI (17 BAR)
<b>Operation:</b>	Open/Closed Center
<b>Motor:</b>	Gear
<b>Chain:</b>	.325" pitch anti-kickback
<b>Tool Ports:</b>	#6 SAE O-Ring
<b>Warranty:</b>	5 year limited warranty

#### Accessories:

See *Low Pressure Hydraulic Accessories* for additional options



## HPP Series

### Hydraulic Power Pack, Low Pressure

Available for single or dual circuit

- Integral oil cooling system
- Fully shrouded fan and changeable oil filter
- Manual choke with adjustable throttle mechanism

#### Variations:

**HPP18** Output/Flow 1 @ 2000 PSI @ 1-10 GPM (138 Bar @ 0-38 LPM); 18 HP @ 3500 RPM; Variable GPM output valve

**HPP182** Output/Flow 2 @ 2000 PSI @ 5 GPM or 1 @ 2000 PSI @ 10 GPM; can simultaneously operate two (2) 5 GPM tools OR 1 (1) tool at 10 GPM; 18 HP @ 3500 RPM

**HPP5** Output/Flow 1 @ 1450 PSI; L: 20" x H: 18" x W: 17"  
5.5 HP engine with recoil start; Dry Weight: 83 lbs;  
Fuel Tank Capacity: 1 gallon; Hydraulic Oil Capacity:  
1.25 gallons

*Examples of some of the tools  
for use with the HPP series of  
Hydraulic Power Packs.*



#### Specifications (HPP18 Series):

<b>Dry Weight:</b>	233 lbs (105.6 kg)
<b>Size:</b>	35.00" x 32.00" x 29.00"
<b>Motor:</b>	18 HP @ 3500 RPM
<b>Warranty:</b>	5 year limited warranty

#### Accessories:

*See Low Pressure Hydraulic Accessories for options*

### LPHT Accessories

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
LPHTMOILPT118	Moil point, 1" hex, 18" long
LPHTNARCHISEL11814	Narrow chisel, 1-1/8" hex, 14" long
LPHTADPMM71612	7/16" Quick chuck adaptor x 1/2" square
HIW71612TGKIT	Trigger guard for HIW716
LPHTADPMMOP66	ADP Male/Male SAE #6, 3/8 NPT (2 required per tool)
<b>LPHT HOSES Red or Orange</b>	
LPHTHOSNCR666610	Hose; Insulated, 10 foot; 3/8 NPT, 3/8 NPT
LPHTHOSNCR66668	Hose; Insulated, 8 foot; 3/8 NPT, 3/8 NPT
LPHTHOSNCR66680P	Hose; Insulated, 8 foot, SAE #6, 3/8 NPT
LPHTHOSNCR666610OP	Hose; Insulated, 10 foot, SAE #6, 3/8 NPT
<b>COUPLERS</b>	
LPHTDRIPBODY66	Dripless body; 3/8 body, 3/8 NPT
LPHTDRIPBODY88	Dripless body; 1/2 body, 1/2 NPT
LPHTDRIPNOSE66	Dripless nose; 3/8 nose, 3/8 NPT
LPHTDRIPNOSE88	Dripless nose; 1/2 nose, 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	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"
LPHTSOC1212	Socket - 1/2" drive x 1/2"
LPHTSOC121316	Socket - 1/2" drive x 13/16"
LPHTSOC12138	Socket - 1/2" drive x 1-3/8"
LPHTSOC121716	Socket - 1/2" drive x 1-1/16"
LPHTSOC1234	Socket - 1/2" drive x 3/4"
LPHTSOC1258	Socket - 1/2" drive x 5/8"
LPHTSOC1278	Socket - 1/2" drive x 7/8"
LPHTSOC12916	Socket - 1/2" drive x 9/16"
HIW12SOCSET	Socket set - 1/2" drive DP IMP 6 Point

**NOTE:**

*Only the most common accessories and sizes are shown. BURNDY has over 200 accessory items for your Low Pressure Hydraulic needs; if you don't see what you are looking for call us at Customer Service: 1-800-346-4175.*

*Auger Bits are featured on the Auger Bit pages earlier in the catalog.*



# Knockout Sets

## Mechanical and Ratchet Knockout Sets

- Four-point design allows slug to drop automatically without splitting
- Punches up to 10-gauge mild steel
- Kits include most popular sizes of punches and dies, see Variations; all items may be purchased separately
- 1-year limited warranty

### Variations:

- BKOM50125** Kit for 1/2" to 1-1/4" Conduit Size; includes punches and dies for 1/2", 3/4", 1", 1-1/4", 1/2" bearing and drive screw, 3/4" to 2" bearing and drive screw; sturdy plastic storage case
- BKOM152** Kit for 1-1/2" to 2" Conduit Size; includes punches and dies for 1-1/2" and 2", 3/4" to 2" bearing and drive screw; sturdy plastic storage case
- BKOH2540** Expansion Kit for 2-1/2" to 4" Conduit Size; includes punches and dies for 2-1/2", 3", 3-1/2", 4". Generally used with the 1/2" to 2" sets, no bearing or drive screws are included; metal storage case
- BKOW520** Ratchet Wrench Kit for 1/2" to 2" Conduit Size; includes punches and dies for 1/2", 3/4", 1", 1-1/4", 2", 1/2" bearing and drive screw, 3/4" to 2" bearing and drive screw; Hand Ratchet Wrench; sturdy plastic storage case
- BKOR520** Quick Hand Ratchet Wrench Kit for 1/2" to 2" Conduit Size; 10-gauge mild steel or 12-gauge stainless steel; includes punches and dies for 1/2", 3/4", 1", 1-1/4", 1-1/2", 2", Ratchet, 1/2" screw adapter, 1-1/2" to 2" screw adapter; metal storage case

### Accessories:

- BKP500B:** 1/2" Punch; 7/8" Hole; included in BKOM50125, BKOW520, and BKOR520
- BKD500B:** 1/2" Die; 7/8" Hole; included in BKOM50125, BKOW520, and BKOR520
- BKP750B:** 3/4" Punch; 1-3/32" Hole; included in BKOM50125, BKOW520, and BKOR520
- BKD750B:** 3/4" Die; 1-3/32" Hole; included in BKOM50125, BKOW520, and BKOR520



**BKOM50125**

### Accessories: (Continued)

- BKP1000B:** 1" Punch; 1-11/32" Hole; included in BKOM50125, BKOW520, and BKOR520
- BKD1000B:** 1" Die; 1-11/32" Hole; included in BKOM50125, BKOW520, and BKOR520
- BKP1250B:** 1-1/4" Punch; 1-11/16" Hole; included in BKOM50125, BKOW520, and BKOR520
- BKD1250B:** 1-1/4" Die; 1-11/16" Hole; included in BKOM50125, BKOW520, and BKOR520
- BKSB50B:** 1/2" Bearing & Drive Screw; included in BKOM50125 and BKOW520
- BKS752B:** 3/4" to 2" Bearing & Drive Screw; included in BKOM50125, BKOM152, and BKOW520
- BK88004:** Sturdy plastic case; included with BKOM50125
- BKP1500B:** 1-1/2" Punch; 1-15/16" Hole; included in BKOM50125, BKOW520, and BKOR520
- BKD1500B:** 1-1/2" Die; 1-15/16" Hole; included in BKOM50125, BKOW520, and BKOR520
- BKP2000B:** 2" Punch; 2-3/8" Hole; included in BKOM152, BKOW520, and BKOR520
- BKD2000B:** 2" Die; 2-3/8" Hole; included in BKOM152, BKOW520, and BKOR520
- BK88001:** Sturdy plastic case; included with BKOM152
- BKP2500:** 2-1/2" Punch; 2-7/8" Hole; included in BKOH2540
- BKD2500:** 2-1/2" Die; 2-7/8" Hole; included in BKOH2540
- BKP3000:** 3" Punch; 3-1/2" Hole; included in BKOH2540
- BKD3000:** 3" Die; 3-1/2" Hole; included in BKOH2540
- BKP3500:** 3-1/2" Punch; 4" Hole; included in BKOH2540
- BKD3500:** 3-1/2" Die; 4" Hole; included in BKOH2540
- BKP4000:** 4" Punch; 4-1/2" Hole; included in BKOH2540
- BKD4000:** 4" Die; 4-1/2" Hole; included in BKOH2540
- BK88008:** Sturdy metal case; included with BKOH2540
- BKW52:** Hand Ratchet Wrench; included in BKOW520
- BK88007:** Sturdy plastic case; included with BKOW520
- BKOR14:** Ratchet; included in BKOR520
- BKOR50:** 1/2" Screw Adapter; included in BKOR520
- BKOR75125:** 3/4" to 1-1/4" Screw Adapter; included in BKOR520
- BKOR152:** 1-1/2" to 2" Screw Adapter; included in BKOR520
- BK88020:** Metal storage case; included in BKOR520

## Knockout Sets

### Self-Contained Hydraulic

For 1/2" to 2" Conduit

- Punches up to 2" conduit sizes, up to 10-gauge mild steel or 12-gauge stainless steel
- Four-point design allows slug to drop automatically without splitting
- Kits include most popular sizes of punches and dies, see Variations; all items may be purchased separately
- 1 year limited warranty

#### Variations:

**BKOS5290** Right-angle head swivels 360°; Kit for 1/2" to 2" Conduit Size; includes punches and dies for 1/2", 3/4", 1", 1-1/4", 1-1/2" and 2"; Hydraulic Driver, 2 Drawstuds and a Drawstud Adapter; sturdy metal case

**BKOS520** Kit for 1/2" to 2" Conduit Size; includes punches and dies for 1/2", 3/4", 1", 1-1/4", 1-1/2", and 2"; Hydraulic Driver, 2 Drawstuds and a Drawstud Adapter; sturdy metal case

#### Accessories:

- BKP500B:** 1/2" Punch; 7/8" Hole; included in BKOS5290, and BKOS520
- BKD500B:** 1/2" Die; 7/8" Hole; included in BKOS5290 and BKOS520
- BKP750B:** 3/4" Punch; 1-3/32" Hole; included in BKOS5290 and BKOS520
- BKD750B:** 3/4" Die; 1-3/32" Hole; included in BKOS5290 and BKOS520
- BKP1000B:** 1" Punch; 1-11/32" Hole; included in BKOS5290 and BKOS520
- BKD1000B:** 1" Die; 1-11/32" Hole; included in BKOS5290 and BKOS520
- BKP1250B:** 1-1/4" Punch; 1-11/16" Hole; included in BKOS5290 and BKOS520
- BKD1250B:** 1-1/4" Die; 1-11/16" Hole; included in BKOS5290 and BKOS520
- BKP1500B:** 1-1/2" Punch; 1-15/16" Hole; included in BKOS5290 and BKOS520
- BKD1500B:** 1-1/2" Die; 1-15/16" Hole; included in BKOS5290 and BKOS520
- BKP2000B:** 2" Punch; 2-3/8" Hole; included in BKOS5290 and BKOS520



**BKOS5290**



**BKOS520**

#### Accessories: (Continued)

- BKD2000B:** 2" Die; 2-3/8" Hole; included in BKOS5290 and BKOS520
- BKLP6:** Hydraulic Driver; included in BKOS5290
- BKPR7520:** Drawstud; included in BKOS5290 and BKOS520
- BKPS50:** Drawstud; included in BKOS5290 and BKOS520
- BKSA50:** Drawstud Adapter; included in BKOS5290 and BKOS520
- BKLP6K1:** Seal Repair Kit for BKOS5290
- BKLP2:** Hydraulic Driver; included in BKOS520
- BK88020:** Metal Storage Case; included in BKOS520
- BKLP2K1:** Seal Repair Kit for BKOS520

# Knockout Sets

## Hydraulic Knockout Sets with Pump

- Punches up to 10-gauge mild steel or 12-gauge stainless steel
- Kits include most popular sizes of punches and dies, see Variations; all items may be purchased separately
- 1 year limited warranty

### Variations:

**BKOH520A** Kit for 1/2" to 2" Conduit Size; includes punches and dies for 1/2", 3/4", 1", 1-1/4", 1-1/2", and 2"; 2 speed hand pump, Drawstud for 3/4" to 4" punches/dies; 3/8" Stainless Steel Drawstud\*, Converter\*\*, 12-ton hydraulic cylinder, 6' rubber hose with couplers and heavy duty metal storage case

**BKOH540A** Kit for 1/2" to 4" Conduit Size; includes punches and dies for 1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3", 3-1/2", and 4"; 2 speed hand pump, Drawstud for 3/4" to 4" punches/dies; 3/8" Stainless Steel Drawstud\*, Converter\*\*, 12-ton hydraulic cylinder, 6' rubber hose with couplers and heavy duty metal storage case

**BKOF540** Kit for 1/2" to 4" Conduit Size; includes punches and dies for 1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3", 3-1/2", and 4"; 2 speed foot pump, Drawstud for 3/4" to 4" punches/dies; 3/8" Stainless Steel Drawstud\*, Converter\*\*, 12-ton hydraulic cylinder, 6' rubber hose with couplers and heavy duty metal storage case

\* Must be used with 1/2" punch and die

\*\*Must be used with 3-1/2" to 4" punch and die

### Accessories:

**BKP500B:** 1/2" Punch; 7/8" Hole; included in BKOH520A, BKOH540A, and BKOF540

**BKD500B:** 1/2" Die; 7/8" Hole; included in BKOH520A, BKOH540A, and BKOF540

**BKP750B:** 3/4" Punch; 1-3/32" Hole; included in BKOH520A, BKOH540A, and BKOF540

**BKD750B:** 3/4" Die; 1-3/32" Hole; included in BKOH520A, BKOH540A, and BKOF540

**BKP1000B:** 1" Punch; 1-11/32" Hole; included in BKOH520A, BKOH540A, and BKOF540

**BKD1000B:** 1" Die; 1-11/32" Hole; included in BKOH520A, BKOH540A, and BKOF540



**BKOH520A**

### Accessories: (Continued)

**BKP1250B:** 1-1/4" Punch; 1-11/16" Hole; included in BKOH520A, BKOH540A, and BKOF540

**BKD1250B:** 1-1/4" Die; 1-11/16" Hole; included in BKOH520A, BKOH540A, and BKOF540

**BKP1500B:** 1-1/2" Punch; 1-15/16" Hole; included in BKOH520A, BKOH540A, and BKOF540

**BKD1500B:** 1-1/2" Die; 1-15/16" Hole; included in BKOH520A, BKOH540A, and BKOF540

**BKP2000B:** 2" Punch; 2-3/8" Hole; included in BKOH520A, BKOH540A, and BKOF540

**BKD2000B:** 2" Die; 2-3/8" Hole; included in BKOH520A, BKOH540A, and BKOF540

**BPH20:** 2 speed Hand Pump; included in BKOH520A and BKOH540A

**BKPR7540:** Drawstud for 3/4" to 4" punches/dies; included in BKOH520A, BKOH540A, and BKOF540

**BKPS50\*:** Stainless Steel Drawstud, 3/8" dia.; included in BKOH520A, BKOH540A, and BKOF540

**BKC3540\*\*:** Converter; included in BKOH520A, BKOH540A, and BKOF540

**BCH1211:** 12-ton hydraulic cylinder; included in BKOH520A, BKOH540A, and BKOF540

**BH864:** 6' rubber hose with couplers; included in BKOH520A, BKOH540A, and BKOF540

**BCM5:** Heavy duty metal carrying case; included with BKOH520A, BKOH540A and BKOF540

**BKP2500:** 2-1/2" Punch; 2-7/8" Hole; included in BKOH540A and BKOF540

**BKD2500:** 2-1/2" Die; 2-7/8" Hole; included in BKOH540A and BKOF540

**BKP3000:** 3" Punch; 3-1/2" Hole; included in BKOH540A and BKOF540

**BKD3000:** 3" Die; 3-1/2" Hole; included in BKOH540A and BKOF540

**BKP3500:** 3-1/2" Punch; 4" Hole; included in BKOH540A and BKOF540

**BKD3500:** 3-1/2" Die; 4" Hole; included in BKOH540A and BKOF540

**BKP4000:** 4" Punch; 4-1/2" Hole; included in BKOH540A and BKOF540

**BKD4000:** 4" Die; 4-1/2" Hole; included in BKOH540A and BKOF540

**BPF65:** 2 speed Foot Pump; included in BKOF540

# Hand Benders

## Conduit Hand Benders

Heads, Handles Sold Separately or as a Kit

- All bender heads embossed with sight lines for 10°, 22°, 30°, 45°, 60° and 90°
- Industry standard markings (30° when handle is straight up)
- 3/4" and 1" bender heads have levels making aligning easy
- Designed with a channel to bend conduit back if you have an over-bend
- 5 year limited warranty

### Bender Heads Only:

- B12E**            1/2" EMT Bender Head Only
- B34E12R**       3/4" EMT; 1/2" Rigid Bender Head Only
- B1E34R**        1" EMT; 3/4" Rigid Bender Head Only

### Handles Only:

- H12E**            1/2" EMT Bender Handle Only
- H34E12R**       3/4" EMT; 1/2" Rigid Handle Only
- H1E34R**        1" EMT; 3/4" Rigid Handle Only

### Bender Head and Handle (Assembled):

- BHA12E**        1/2" EMT Bender Head and Handle Assembled
- BHA34E12R**    3/4" EMT; 1/2" Rigid Bender Head and Handle Assembled
- BHA1E34R**     1" EMT; 3/4" Rigid Bender Head and Handle Assembled



**B12E**



**B34E12R**



**B1E34R**



**Handles**

# Tooling

## Benders — Electric



### BEB122

#### Electric Conduit Bender

For 1/2" to 2" Conduit and Pipe

- Reliable electric system with no circuit boards
- Maximum schedule 40 conduit
- Can produce 180° bends in a single cycle
- Available with or without shoes, see Variations for details
- Limit stop control for bend angle settings
- Operates on 115-120 VAC 60 Hz

#### Variations:

**BEB122:** Electric Bender Power Unit ONLY; without shoes and roller supports

**BEB122RIG:** Electric Bender with shoes and roller supports for 1/2" through 2" RIGID conduit, 1/2" through 1-1/2" IMC conduit, and 1/2" through 2" Schedule 40 pipe

**BEB122EMT\*:** Electric Bender with shoes and roller supports for 1/2" through 2" EMT conduit

**BEB122PVC\*:** Electric Bender with shoes and roller supports for 1/2" through 2" PVC coated RIGID conduit

\*Shoes and roller supports come with **BEBSHOECASE** metal storage box



#### Accessories:

**122RIG:** Shoes and roller supports ONLY; for bending 1/2" through 2" RIGID conduit, 1/2" through 1-1/2" IMC conduit, and 1/2" through 2" Schedule 40 pipe

**122EMT\*:** Shoes and roller supports ONLY; for bending 1/2" through 2" EMT (thinwall)

**122IMC\*:** Shoes and roller supports ONLY; for bending 1-1/2" and 2" IMC

**122PVC\*:** Shoes and roller supports ONLY; for bending 1/2" through 2" 40 mil PVC coated RIGID

\*Shoes and roller supports come with **BEBSHOECASE** metal storage box

US: 1-800-346-4175 / International: 1-603-647-5299 / Canada: 1-800-387-6487 / [www.burndy.com](http://www.burndy.com)

Electronic Update November 2015



The following connectors are range taking when crimped onto code and flex conductor using the 4-POINT® Series of tools:

## COPPER

Copper Conductor (Code & Compact)							
Conductor		Standard Barrel			Long Barrel		
Wire Size	Expanded Range	Terminal	Splice	# Crimps*	Terminal	Splice	# Crimps*
#8 AWG	#8 AWG	YA8CL-	YS8CL-	1	YA8C-	YS8C-	1
#6 AWG	#6 AWG	YA6CL-	YS6CL-	1	YA6C-	YS6C-	1
#4 AWG	#6 - #4 AWG	YA4CL-	YS4CL-	1	YA4C-	YS4C-	1
#2 AWG	#6 - #2 AWG	YA2CL-	YS2CL-	1	YA2C-	YS2C-	2
#1 AWG	#6 - #1 AWG	YA1CL-	YS1CL-	1	YA1C-	YS1C-	2
1/0 AWG	#6 - 1/0 AWG	YA25L-	YS25L-	1	YA25-	YS25-	2
2/0 AWG	#4 - 2/0 AWG	YA26L-	YS26L-	1	YA26-	YS26-	2
3/0 AWG	#2 - 3/0 AWG	YA27L-	YS27L-	2	YA27-	YS27-	2
4/0 AWG	#1 - 4/0 AWG	YA28L-	YS28L-	2	YA28-	YS28-	2
250 kcmil	1/0 AWG - 250 kcmil	YA29L-	YS29L-	2	YA29-	YS29-	2
300 kcmil	2/0 AWG - 300 kcmil	YA30L-	YS30L-	2	YA30-	YS30-	3
350 kcmil	3/0 AWG - 350 kcmil	YA31L-	YS31L-	2	YA31-	YS31-	3
400 kcmil	4/0 AWG - 400 kcmil	YA32L-	YS32L-	2	YA32-	YS32-	3
500 kcmil	4/0 AWG - 500 kcmil	YA34L-	YS34L-	2	YA34-	YS34-	4
600 kcmil	250 - 600 kcmil	YA36L-	YS36L-	2	YA36-	YS36-	4
700 kcmil	350 - 700 kcmil	YA38L-	YS38L-	3	YA38-	YS38-	4
750 kcmil	500 - 750 kcmil	YA39L-	YS39L-	3	YA39-	YS39-	4
800 kcmil	500 - 800 kcmil	YA40L-	YS40L-	3	YA40-	YS40-	4
1000 kcmil	750 - 1000 kcmil	YA44L-	YS44L-	3	YA44-	YS44-	4

## ALUMINUM

Aluminum & Copper Conductor (Code & Compact)				
Conductor		Connector		
Wire Size	Expanded Range	Terminal	Splice	# Crimps*
#8 AWG	#8 AWG	YA8CA-	YS8CA-	1
#6 AWG	#6 AWG	YA6CA-	YS6CA-	1
#4 AWG	#6 - #4 AWG	YA4CA-	YS4CA-	1
#2 AWG	#6 - #2 AWG	YA2CA-	YS2CA-	2
#1 AWG	#6 - #1 AWG	YA1CA-	YS1CA-	2
1/0 AWG	#6 - 1/0 AWG	YA25A-	YS25A-	2
2/0 AWG	#4 - 2/0 AWG	YA26A-	YS26A-	2
3/0 AWG	#2 - 3/0 AWG	YA27A-	YS27A-	2
4/0 AWG	#1 - 4/0 AWG	YA28A-	YS28A-	2
250 kcmil	1/0 AWG - 250 kcmil	YA29A-	YS29A-	2
300 kcmil	2/0 AWG - 300 kcmil	YA30A-	YS30A-	2
350 kcmil	3/0 AWG - 350 kcmil	YA31A-	YS31A-	3
400 kcmil	4/0 AWG - 400 kcmil	YA32A-	YS32A-	4
500 kcmil	4/0 AWG - 500 kcmil	YA34A-	YS34A-	4
600 kcmil	250 - 600 kcmil	YA36A-	YS36A-	4
750 kcmil	500 - 750 kcmil	YA39A-	YS39A-	4

## AYP/AYPO CONNECTORS

(Aluminum and Copper — Code & Compact)				
Wire Size	Expanded Range	Pin		# Crimps*
		Straight	Offset	
#6 AWG	#6 AWG	AYP6	—	1
#4 AWG	#4 AWG	AYP4	—	1
#2 AWG	#4 - #2 AWG	AYP2	—	1
#1 AWG	#2 - #1 AWG	AYP1	—	1
1/0 AWG	#2 - 1/0 AWG	AYP1/0	—	1
2/0 AWG	#1 - 2/0 AWG	AYP2/0	AYPO2/0	2
3/0 AWG	1/0 - 3/0 AWG	AYP3/0	AYPO3/0	2
4/0 AWG	2/0 - 4/0 AWG	AYP4/0	AYPO4/0	2
250 kcmil	3/0 - 250 kcmil	AYP250	AYPO250	2
300 kcmil	4/0 - 300 kcmil	AYP300	AYPO300	2
350 kcmil	250 - 350 kcmil	AYP350	AYPO350	2
400 kcmil	350 - 500 kcmil	AYP400	AYPO400	2
500 kcmil	350 - 500 kcmil	AYP500	AYPO500	2
600 kcmil	400 - 600 kcmil	AYP600	AYPO600	3
750 kcmil	500 - 750 kcmil	AYP750	AYPO750	3

\*Same number of recommended crimps for both Standard and Expanded wire ranges



The following connectors are range taking when crimped onto code and flex conductor using 4-POINT® Series of tools:  
(continued from previous page)

Copper Conductor (Flex Only)								
Nom Flex Wire Size	Standard Barrel				Long Barrel			
	Expanded Range	Terminal	Splice	# of Crimps	Expanded Range	Terminal	Splice	# of Crimps
#8 AWG	#8 AWG	YAV8CL-	YSV8CL-	1	#8 AWG	YAV8C-	YSV8C-	1
#6 AWG	#6 AWG	YAV6CL-	YSV6CL-	1	#6 AWG	YAV6C-	YSV6C-	1
#4 AWG	#6 - #4 AWG	YAV4CL-	YSV4CL-	1	#6 - #4 AWG	YAV4C-	YSV4C-	1
#2 AWG	#6 - #2 AWG	YAV2CL-	YSV2CL-	1	#6 - #2 AWG	YAV2C-	YSV2C-	1
#1 AWG	#4 - #1 AWG	YAV1CL-	YSV1CL-	1	#4 - #1 AWG	YAV1C-	YSV1C-	1
1/0 AWG	#4 - 1/0 AWG	YAV25L-	YSV25L-	1	#4 - 1/0 AWG	YAV25-	YSV25-	2
2/0 AWG	#2 - 2/0 AWG	YAV26L-	YSV26L-	1	#4 - 2/0 AWG	YAV26-	YSV26-	2
3/0 AWG	#1 - 3/0 AWG	YAV27L-	YSV27L-	1	#2 - 3/0 AWG	YAV27-	YSV27-	2
4/0 AWG	1/0 - 4/0 AWG	YAV28L-	YSV28L-	1	#1 - 4/0 AWG	YAV28-	YSV28-	2
250 kcmil	3/0 AWG - 250 kcmil	YAV29L-	YS29L-	1	1/0 AWG - 250 kcmil	YAV29-	YS29-	2
300 kcmil	4/0 AWG - 313.1 kcmil	YA32L-	YS32L-	1	2/0 AWG - 313.1 kcmil	YA32-	YS32-	2
350 kcmil	262.2 - 373.7 kcmil	YA34L-	YS34L-	1	3/0 AWG - 373.7 kcmil	YA34-	YS34-	2
450 kcmil	373.7 - 444.4 kcmil	YA36L-	YS36L-	1	262.2 - 444.4 kcmil	YA36-	YS36-	2
450 kcmil	262.2 - 444.4 kcmil	YA36L-	YS36L-	2				
500 kcmil	444.4 - 535.3 kcmil	YA38L-	YS38L-	1	373.7 - 535.3 kcmil	YA38-	YS38-	2
500 kcmil	373.7 - 535.3 kcmil	YA38L-	YS38L-	2				
600 kcmil	373.7 - 600 kcmil	YA39L-	YS39L-	2	262.2 - 600 kcmil	YA39-	YS39-	3
650 kcmil	444.4 - 646 kcmil	YA40L-	YS40L-	2	444.4 - 646 kcmil	YA40-	YS40-	3
750 kcmil	535.3 - 777.7 kcmil	YA44L-	YS44L-	2	535.3 - 777.7 kcmil	YA44-	YS44-	3



Y81KFTMBH

E-Line Connectors							
Wire Size	Expanded Wire Range	Aluminum			Copper		
		Offset	Center formed	# Crimps*	Offset	Center formed	# Crimps*
#8 AWG	#8 AWG	YA8CA-T-E		1			
#6 AWG	#6 AWG						
#4 AWG	#6 - #4 AWG						
#2 AWG	#6 - #2 AWG	YA2CA-T-E	YAC2CA-T-E	1			
#1 AWG	#6 - #1 AWG						
1/0 AWG	#6 - 1/0 AWG	YA25A-T-E		1	YA25L-T-E	YAC25L-T-E	1
2/0 AWG	#4 - 2/0 AWG	YA26A-T-E		2	YA26L-T-E	YAC26L-T-E	1
3/0 AWG	#2 - 3/0 AWG	YA27A-T-E	YAC27A-T-E	2			
4/0 AWG	#1 - 4/0 AWG	YA28A-T-E		2			
250 kcmil	1/0 AWG - 250 kcmil						
300 kcmil	2/0 AWG - 300 kcmil	YA30A-T-E		2	YA30L-T-E	YAC30L-T-E	2
350 kcmil	3/0 AWG - 350 kcmil	YA31A-T-E	YAC31A-T-E	2			
400 kcmil	4/0 AWG - 400 kcmil	YA32A-T-E		4			
500 kcmil	4/0 AWG - 500 kcmil	YA34A-T-E		4	YA34L-T-E		2
500 kcmil	4/0 AWG - 500 kcmil				YA342L-T-E		2
600 kcmil	250 - 600 kcmil	YA36A-T-E		4	YA36L-T-E		2
600 kcmil	250 - 600 kcmil				YA362L-T-E		2
700 kcmil	350 - 700 kcmil						
750 kcmil	500 - 750 kcmil	YA39A-T-E		4	YA39L-T-E		2
750 kcmil	500 - 750 kcmil				YA392L-T-E		2
800 kcmil	500 - 800 kcmil						
1000 kcmil	750 - 1000 kcmil						

Expanded conductor ranges shown are applicable when using the 4-POINT® Series of tools only.  
(Continued from previous page.)

\*Same number of recommended crimps for both Standard and Expanded wire ranges

US: 1-800-346-4175 / International: 1-603-647-5299 / Canada: 1-800-387-6487 / www.burndy.com



The following connectors are range taking when crimped onto code conductor using Y644 Series of tools:

## COPPER

Copper HYLUG™ & HYLINK™ Connectors Types YA, YA-L, YAB, YS, YS-L, YST, YS-T, YSP-T			
Catalog No.		Standard Wire Size	Expanded Wire Range
Terminal*	Splice**		
YA6C- YA5C- YA4C- YA3C- YA2C- YA1C-	YS6C- YS5C- YS4C- YS3C- YS2C- YS1C-	#6 AWG #5 AWG #4 AWG #3 AWG #2 AWG #1 AWG	#6 AWG #6 - #5 AWG #6 - #4 AWG #6 - #3 AWG #6 - #2 AWG #6 - #1 AWG
YA25- YA26- YA27- YA28-	YS25- YS26- YS27- YS28-	1/0 AWG 2/0 AWG 3/0 AWG 4/0 AWG	#6 - 1/0 AWG #4 - 2/0 AWG #2 - 3/0 AWG #1 - 4/0 AWG
YA29- YA30- YA31- YA32- YA34-	YS29- YS30- YS31- YS32- YS34-	250 kcmil 300 kcmil 350 kcmil 400 kcmil 500 kcmil	1/0 AWG - 250 kcmil 2/0 AWG - 300 kcmil 3/0 AWG - 350 kcmil 4/0 AWG - 400 kcmil 4/0 AWG - 500 kcmil
YA36- YA39- YA40-	YS36- YS39- YS40-	600 kcmil 750 kcmil 800 kcmil	250 - 600 kcmil 500 - 750 kcmil 500 - 800 kcmil
YA44-	YS44-	1000 kcmil	750 - 1000 kcmil

## ALUMINUM

Aluminum HYLUG™ & HYLINK™ Connectors Types YA-A & YS-A (Copper or Aluminum Conductor)			
Catalog No.		Standard Wire Size	Expanded Wire Range
Terminal*	Splice**		
YA6CA- YA4CA- YA2CA- YA1CA-	YS6CA- YS4CA- YS2CA- YS1CA-	#6 AWG #4 AWG #2 AWG #1 AWG	#6 AWG #6 - #4 AWG #6 - #2 AWG #2 - #1 AWG
YA25A- YA26A- YA27A- YA28A-	YS25A- YS26A- YS27A- YS28A-	1/0 AWG 2/0 AWG 3/0 AWG 4/0 AWG	#1 - 1/0 AWG #1 - 2/0 AWG #1 - 3/0 AWG #1 - 4/0 AWG
YA29A- YA30A- YA31A- YA32A- YA34A-	YS29A- YS30A- YS31A- YS32A- YS34A-	250 kcmil 300 kcmil 350 kcmil 400 kcmil 500 kcmil	1/0 AWG - 250 kcmil 2/0 AWG - 300 kcmil 3/0 AWG - 350 kcmil 4/0 AWG - 400 kcmil 4/0 AWG - 500 kcmil
YA36A- YA39A-	YS36A- YS39A-	600 kcmil 750 kcmil	250 - 600 kcmil 500 - 750 kcmil

\* 1 Crimp  
\*\* 1 Crimp per side

\* 1 Crimp  
\*\* 1 Crimp per side

*Expanded conductor ranges shown on this page are applicable when using the Y644/PAT644 Series of tools only.*



Y644MBH

## DIE INDEX REFERENCE

This chart provides a cross-reference between die index numbers marked on **BURNDY Compression Connectors** and the corresponding **BURNDY Die Sets** used with the various **BURNDY Installation Tools**. This is the only way to have a complete connections with the **BURNDY® ENGINEERED SYSTEM**.

A die index number has been assigned to each required groove configuration. A prefix letter is used to indicate the specific installation tool for which the die has been designed, as shown.

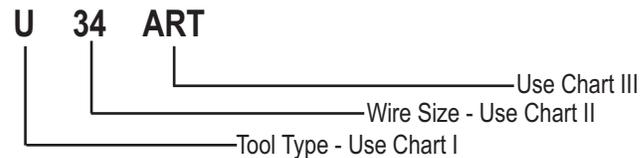
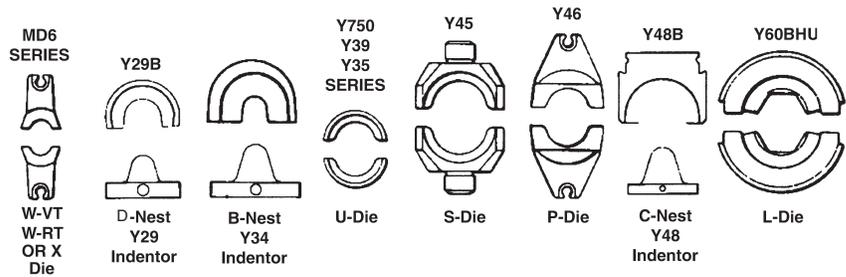


CHART I			
A = Y34A	E = Y48B	P = Y46	X = OUR840/MD6
B = Y34BH	F = Y486RB	S = Y45	
C = Y48B	G = Y34C	U = Y35	
	L = Y60	W = MD6/OUR840	

CHART II			
12 = #12	4C = #4	26 = 2/0	31 = 350 kcmil
10 = #10	3C = #3	27 = 3/0	32 = 400 kcmil
8C = #8	2C = #2	28 = 4/0	34 = 500 kcmil
6C = #6	1C = #1	29 = 250 kcmil	36 = 600 kcmil
5C = #5	25 = 1/0	30 = 300 kcmil	39 = 750 kcmil
			44 = 1000 kcmil

OR INDEX NUMBER: i.e. U312 = 312 Die Index

CHART III
A = ALUMINUM
B = INDENTOR NEST (used with indenter die #Y34P**)
R = ROUND (circumferential)
T = TWIN DIE (both halves)

### Footnotes for the chart in the following pages:

- ① Cat. No. Y35P3 Adaptor is required to use "Y34PR" type indentors with "U" type nest dies in Y35 and Y750 series.
- ② Cat. No. PT6515 Adaptor is required to use "U" type dies in Y45 series.
- ③ Cat. No. PUADP-1 Adaptor is required to use "U" type dies in Y46 series.
- ④ The MD6-6R2 ratchet tool is required on these sizes. The standard MD6 or MD6R ratchet tools will not work.
- ⑤ Also pneumatic version Y29NC.
- ⑥ Die 302 recommended for 1.84 O.D. barrel.
- ⑦ Hexagonal crimp

**DIE INDEX REFERENCE (continued)**

DIE		DIELESS TOOLS		INSTALLATION TOOLING USING DIES										
GROOVE		MECH.	HYD.	DIE INFORMATION		MECHANICAL		HYDRAULIC						
BURNDY	EEI	MR, MY	Y644	TYPE	COLOR	MD6	OUR840	Y29B <sup>Ⓢ</sup>	Y35 <sup>Ⓛ</sup>	Y39	Y750 <sup>Ⓛ</sup>	Y45 <sup>Ⓢ</sup>	Y46 <sup>Ⓢ</sup>	Y60 Ser.
A				DIE SET					U-A	U-A	U-A	U-A	U-A	
BG				DIE SET		Perm. GR W-BG	X-BG X-NBG		U-BG	U-BG	U-BG	U-BG	U-BG	
C				DIE SET	BROWN	W-C			U-C	U-	U-C	U-C	U-C	
D				DIE SET					U-D	U-D	U-D	U-D	U-D	
D3				DIE SET	BLUE				U-YFD	U-YFD	U-YFD	U-YFD	U-YFD	
				DIE SET		Perm. GR			U-D3	U-D3	U-D3	U-D3	U-D3	
E				DIE SET					U-E	U-E	U-E	U-E	U-E	
F				DIE SET					U-F	U-F	U-F	U-F	U-F	
H				DIE SET					U-H	U-H	U-H	U-H	U-H	
K-1/4				DIE SET		WK14								
K-5/16				DIE SET		WK516			UK516T	UK526T	UK516T	UK516T	UK516T	
K-3/8				DIE SET		WK38			UK38T	UK38T	UK38T	UK38T	UK38T	
K-1/2				DIE SET		WK12								
K-9/16				DIE SET		WK916			UK916T	UK916T	UK916T	UK916T	UK916T	
K-19/32				DIE SET		WK1932								
K-5/8-1				DIE SET					UK581T	UK581T	UK581T	UK581T	UK581T	
K-11/16				DIE SET		WK1116			UK1116T	UK1116T	UK1116T	UK1116T	UK1116T	
K-3/4				DIE SET					UK34T	UK34T	UK34T	UK34T	UK34T	
K-1				DIE SET					UK1T	UK1T	UK1T	UK1T	UK1T	
K-1-5/16				DIE SET					UK1516T	UK1516T	UK1516T	UK1516T	UK1516T	
K-635				DIE SET		WK737			UK737T	UK737T	UK737T	UK737T	UK737T	
K-747				DIE SET		WK747								
K-781				DIE SET		WK781								
K-840				DIE SET		W-K840			U-K840	U-K840	U-K840	U-K840	U-K840	
KB				DIE SET		WKB			UKBT	UKBT	UKBT	UKBT	UKBT	
KBKT				DIE SET					UKBKTT	UKBKTT	UKBKTT	UKBKTT	UKBKTT	
KC				DIE SET					UKCT	UKCT	UKCT	UKCT	UKCT	
KK				DIE SET		WKK								
KR				DIE SET	YELLOW									P-YFR
				DIE SET								S-KR	P-KR	
KT				DIE SET		WKT								
KU				DIE SET					UKUT	UKUT	UKUT	UKUT	UKUT	
L				DIE SET		W-L			U-L	U-L	U-L	U-L	U-L	
L80				DIE SET					U32XRT	U32XRT	U32XRT	U32XRT	U32XRT	
L99				DIE SET	PINK				U38XRT	U38XRT	U38XRT	U38XRT	U38XRT	
L115				DIE SET	YELLOW				U44XRT	U44XRT	U44XRT	U44XRT	U44XRT	
M				DIE SET					U-M	U-M	U-M	U-M	U-M	
N				DIE SET	RED				U-YFN	U-YFN	U-YFN	U-YFN	U-YFN	
				DIE SET					U-N	U-N	U-N	U-N	U-N	
O				DIE SET	GREEN				U-YFO	U-YFO	U-YFO	U-YFO	U-YFO	
				DIE SET		Perm. GR W-O			U-O	U-O	U-O	U-O	U-O	
Q				DIE SET		W-Q								
R				DIE SET					U-R	U-R	U-R	U-R	U-R	

**DIE INDEX REFERENCE (continued)**

DIE		DIELESS TOOLS		INSTALLATION TOOLING USING DIES										
GROOVE		MECH.	HYD.	DIE INFORMATION		MECHANICAL		HYDRAULIC						
BURNDY	EEI	MR, MY	Y644	TYPE	COLOR	MD6	OUR840	Y29B ⑤	Y35 ①	Y39	Y750 ①	Y45 ②	Y46 ③	Y60 Ser.
T				DIE SET								S-T		
Z				DIE SET								S-Z		
7 94		MR4C MY29-3 MY29-11	1 CRIMP	DIE SET	BLUE	W5CRT	X5CRT		U5CRT	U5CRT	U5CRT	U5CRT	U5CRT	U5CRT
				NEST				D6CL	U6CD-1	U6CD-1	U6CD-1	U6CD-1	U6CD-1	U6CD-1
				INDENTOR				Y29PR	Y34PR	Y34PR	Y34PR	Y34PR	Y34PR	Y34PR
8 95		MR4C MY29-3 MY29-11	1 CRIMP	DIE SET	GRAY	W4CRT	X4CRT		U4CRT	U4CRT	U4CRT	U4CRT	U4CRT	U4CRT
				NEST				D4CL	U4CD-1	U4CD-1	U4CD-1	U4CD-1	U4CD-1	U4CD-1
				INDENTOR				Y29PR	Y34PR	Y34PR	Y34PR	Y34PR	Y34PR	Y34PR
9 96		MY29-3 MY29-11	1 CRIMP	DIE SET	WHITE	W3CRT	X3CRT		U3CRT	U3CRT	U3CRT	U3CRT	U3CRT	U3CRT
				NEST				D3CL	U3CD-1	U3CD-1	U3CD-1	U3CD-1	U3CD-1	U3CD-1
				INDENTOR				Y29PR	Y34PR	Y34PR	Y34PR	Y34PR	Y34PR	Y34PR
10 97		MY29-3 MY29-11	1 CRIMP	DIE SET	BROWN	W2CRT	X2CRT		U2CRT	U2CRT	U2CRT	U2CRT	U2CRT	U2CRT
				NEST				D2CL	U2CD-1	U2CD-1	U2CD-1	U2CD-1	U2CD-1	U2CD-1
				INDENTOR				Y29PR	Y34PR	Y34PR	Y34PR	Y34PR	Y34PR	Y34PR
11 98		MY29-3 MY29-11	1 CRIMP	DIE SET	GREEN	W1CRT-1	X1CRT-1		U1CRT-1	U1CRT-1	U1CRT-1	U1CRT-1	U1CRT-1	U1CRT-1
				NEST				D1CL	U1CD-1	U1CD-1	U1CD-1	U1CD-1	U1CD-1	U1CD-1
				INDENTOR				Y29PR	Y34PR	Y34PR	Y34PR	Y34PR	Y34PR	Y34PR
12 99		MY29-3 MY29-11	1 CRIMP	DIE SET	PINK	W25RT	X25RT		U25RT	U25RT	U25RT	U25RT	U25RT	U25RT
				NEST				D25L	U25D-1	U25D-1	U25D-1	U25D-1	U25D-1	U25D-1
				INDENTOR				Y29PR	Y34PR	Y34PR	Y34PR	Y34PR	Y34PR	Y34PR
13 100		MY29-3 MY29-11	1 CRIMP	DIE SET	BLACK	W26RT	X26RT		U26RT	U26RT	U26RT	U26RT	U26RT	U26RT
				NEST				D26L	U26D-1	U26D-1	U26D-1	U26D-1	U26D-1	U26D-1
				INDENTOR				Y29PR	Y34PR	Y34PR	Y34PR	Y34PR	Y34PR	Y34PR
14 101		MY29-3 MY29-11	1 CRIMP	DIE SET	ORANGE	W27RT	X27RT		U27RT	U27RT	U27RT	U27RT	U27RT	U27RT
				NEST				D27L	U27D-1	U27D-1	U27D-1	U27D-1	U27D-1	U27D-1
				INDENTOR				Y29PR	Y34PR	Y34PR	Y34PR	Y34PR	Y34PR	Y34PR
15		MY29-3 MY29-11	1 CRIMP	DIE SET	PURPLE	W28RT	X28RT		U28RT	U28RT	U28RT	U28RT	U28RT	U28RT
				NEST				D28L	U28D-1	U28D-1	U28D-1	U28D-1	U28D-1	U28D-1
				INDENTOR				Y29PR	Y34PR	Y34PR	Y34PR	Y34PR	Y34PR	Y34PR
16		MY29-3 MY29-11	1 CRIMP	DIE SET	YELLOW	W29RT④	X29RT		U29RT	U29RT	U29RT	U29RT	U29RT	U29RT
				NEST				D29L		U29D-1	U29D-1	U29D-1	U29D-1	U29D-1
				INDENTOR				Y29PR		Y34PR	Y34PR	Y34PR	Y34PR	Y34PR
17			1 CRIMP	DIE SET	WHITE	W30RT④			U30RT	U30RT	U30RT	U30RT	U30RT	L30RT
				NEST						U30D-1	U30D-1	U30D-1	U30D-1	
				INDENTOR						Y34PR	Y34PR	Y34PR	Y34PR	
18			1 CRIMP	DIE SET	RED	W31RT④			U31RT	U31RT	U31RT	U31RT	U31RT	L31RT
				NEST						U31D-1	U31D-1	U31D-1	U31D-1	
				INDENTOR						Y34PR	Y34PR	Y34PR	Y34PR	
19			1 CRIMP	DIE SET	BLUE	W32RT④			U32RT	U32RT	U32RT	U32RT	U32RT	L32RT
				NEST						U32D-1	U32D-1	U32D-1	U32D-1	
				INDENTOR						Y34PR	Y34PR	Y34PR	Y34PR	
20			1 CRIMP	DIE SET	BROWN	W34RT④			U34RT	U34RT	U34RT	U34RT	U34RT	L34RT
				NEST						U34D-1	U34D-1	U34D-1	U34D-1	
				INDENTOR						Y34PR	Y34PR	Y34PR	Y34PR	

**DIE INDEX REFERENCE (continued)**

DIE		DIELESS TOOLS		INSTALLATION TOOLING USING DIES											
GROOVE		MECH.	HYD.	DIE INFORMATION		MECHANICAL		HYDRAULIC							
BURNDY	EEI	MR, MY	Y644	TYPE	COLOR	MD6	OUR840	Y29B ⑤	Y35 ①	Y39	Y750 ①	Y45 ②	Y46 ③	Y60 Ser.	
21			1 CRIMP	DIE SET	YELLOW						U35RT	U35RT	U35RT	U35RT	
				NEST											
				INDENTOR											
22			1 CRIMP	DIE SET	GREEN					U36RT	U36RT	U36RT	U36RT	L36RT	
				NEST									P36D		
				INDENTOR									P44PR		
23			1 CRIMP	DIE SET	ORANGE					U37RT	U37RT	U37RT	U37RT		
				NEST											
				INDENTOR											
24			1 CRIMP	DIE SET	BLACK					U39RT	U39RT	S39RT	P39RT	L39RT	
				NEST									P39D		
				INDENTOR									P44PR		
25			1 CRIMP	DIE SET	ORANGE							S40RT	P40RT		
				NEST										P40D	
				INDENTOR										P44PR	
26			1 CRIMP	DIE SET	GOLD										
				NEST											
				INDENTOR											
27			1 CRIMP	DIE SET	WHITE							S44RT	P44RT	L44RT	
				NEST										P44D	
				INDENTOR										P44PR	
29				DIE SET	YELLOW								P45RT	L45RT	
				NEST											
				INDENTOR											
30				DIE SET	ORANGE										
				NEST											
				INDENTOR											
31				DIE SET	GREEN							S46RT	P46RT	L46RT	
				NEST										No Nest	
				INDENTOR										P44PR	
33				DIE SET	GRAY									L47RT	
				NEST											
				INDENTOR											
34				DIE SET	BROWN									L48RT	
				NEST											
				INDENTOR											
38		MR4C MR8G98 MR89Q MY28 Y8MRB-1		NEST				DV8L	UV8L	UV8L	UV8L	UV8L	UV8L		
				INDENTOR				Y29PL	Y34PL	Y34PL	Y34PL	Y34PL	Y34PL		
39		MR4C MY28	1 CRIMP	NEST				DV6L	UV6L	UV6L	UV6L	UV6L	UV6L		
				INDENTOR				Y29PL	Y34PLA	Y34PLA	Y34PLA	Y34PLA	Y34PLA		
40		MR4C MY28		NEST				DV4L	UV4L	UV4L	UV4L	UV4L	UV4L		
				INDENTOR				Y29PL	Y34PLA	Y34PLA	Y34PLA	Y34PLA	Y34PLA		

**DIE INDEX REFERENCE (continued)**

DIE		DIELESS TOOLS		INSTALLATION TOOLING USING DIES										
GROOVE		MECH.	HYD.	DIE INFORMATION		MECHANICAL		HYDRAULIC						
BURNDY	EEl	MR, MY	Y644	TYPE	COLOR	MD6	OUR840	Y29B ⑤	Y35 ①	Y39	Y750 ①	Y45 ②	Y46 ③	Y60 Ser.
41		MY28		NEST				DV2L	UV2;	UV2;	UV2;	UV2;	UV2;	
				INDENTOR				Y29PL	Y34PLA	Y34PLA	Y34PLA	Y34PLA	Y34PLA	
42		MY28		NEST				DV1L	UV1L	UV1L	UV1L	UV1L	UV1L	
				INDENTOR				Y29PL	Y34PLA	Y34PLA	Y34PLA	Y34PLA	Y34PLA	
43		MY28		NEST				DV25L	UV25L	UV25L	UV25L	UV25L	UV25L	
				INDENTOR				Y29PL	Y34PA	Y34PA	Y34PA	Y34PA	Y34PA	
44		MY28		NEST				DV26L	UV26L	UV26L	UV26L	UV26L	UV26L	
				INDENTOR				Y29PL	Y34PA	Y34PA	Y34PA	Y34PA	Y34PA	
45		MY28		NEST					UV27L	UV27L	UV27L	UV27L	UV27L	
				INDENTOR					Y34PA	Y34PA	Y34PA	Y34PA	Y34PA	
46		MY28		NEST					UV28L	UV28L	UV28L	UV28L	UV28L	
				INDENTOR					Y34PA	Y34PA	Y34PA	Y34PA	Y34PA	
49				DIE SET	RED	W8CRT	X8CRT		U8CRT	U8CRT	U8CRT	U8CRT	U8CRT	
161				DIE SET		W161	X-161		U161	U161	U161	U161	U161	
162				DIE SET		W162	W162		U162	U162	U162	U162	U162	
163 505				DIE SET		W163	W163		U163	U163	U163	U163	U163	
164 275				DIE SET		W164			U164	U164	U164	U164	U164	
165 205 287 339				DIE SET		W165	X-165		U165/ U205	U165/ U205	U165/ U205	U165/ U205	U165/ U205	L165
166 206 459				DIE SET		W166			U166/ U459	U166/ U459	U166/ U459	U166/ U459	U166/ U459	L166
167 207 211 256 568				DIE SET		W167			U167/ U568	U167/ U568	U167/ U568	U167/ U568	U167/ U568	L167
168 208				DIE SET					U168	U168	U168	U168	U168	L168
169				DIE SET					U169	U169	U169	U169	U169	L169
170 306				DIE SET					U170	U170	U170	U170	U170	L170
171				DIE SET		W171			U171	U171	U171	U171	U171	
193				DIE SET					U193	U193	U193	U193	U193	L193
202				DIE SET					U202	U202	U202	U202	U202	
203				DIE SET					U203	U203	U203	U203	U203	
204				DIE SET					U204	U204	U204	U204	U204	
205 165 287 339				DIE SET		W165	X-165		U165/ U205	U165/ U205	U165/ U205	U165/ U205	U165/ U205	L165
206 166 459				DIE SET		W166			U166/ U459	U166/ U459	U166/ U459	U166/ U459	U166/ U459	L166
207 167 211 256 568				DIE SET		W167			U167/ U568	U167/ U568	U167/ U568	U167/ U568	U167/ U568	L167
208 168				DIE SET					U168	U168	U168	U168	U168	L168
209				DIE SET					U209	U209	U209	U209	U209	L209
210				DIE SET					U210	U210	U210	U210	U210	L210
211 167 256 568				DIE SET		W167			U167/ U568	U167/ U568	U167/ U568	U167/ U568	U167/ U568	L167
236				DIE SET		W236			U236	U236	U236	U236	U236	
237				DIE SET		W237	X-237		U237	U237	U237	U237	U237	
238				DIE SET		W238			U238	U238	U238	U238	U238	

**DIE INDEX REFERENCE (continued)**

DIE		DIELESS TOOLS		INSTALLATION TOOLING USING DIES										
GROOVE		MECH.	HYD.	DIE INFORMATION		MECHANICAL		HYDRAULIC						
BURNDY	E EI	MR, MY	Y644	TYPE	COLOR	MD6	OUR840	Y35 ①	Y39	Y750 ①	Y45 ②	Y46 ③	Y60 Ser.	
239				DIE SET		W239	X-239	U239	U239	U239	U239	U239		
240				DIE SET	RED	W240		U240	U240	U240	U240	U240		
241				DIE SET		W241	X-241	U241	U241	U241	U241	U241		
242 244	3S/4S			DIE SET		W242		U242	U242	U242	U242	U242	L242	
243				DIE SET		W243		U243	U243	U243	U243	U243	L243	
244 242	3S/4S			DIE SET		W242		U242	U242	U242	U242	U242	L242	
245	9A			DIE SET		W245	X-245	U245	U245	U245	U245	U245	L245	
246 248	5S			DIE SET		W248		U248	U248	U248	U248	U248	L248	
247				DIE SET		W247	X-247	U247	U247	U247	U247	U247	L247	
248 246	5S			DIE SET		W248		U248	U248	U248	U248	U248	L248	
249	11A			DIE SET		W249	X-249	U249	U249	U249	U249	U249	L249	
250				DIE SET				U250	U250	U250	U250	U250	L250	
251	12A			DIE SET	RED	W251		U251	U251	U251	U251	U251	L251	
252				DIE SET				U252	U252	U252	U252	U252	L252	
253				DIE SET				U253	U253	U253	U253	U253	L253	
254				DIE SET							S254	P254	L254	
255				DIE SET				U255	U255	U255	U255	U255	L255	
256 167 207 211 568				DIE SET		W167		U167/ U567	U167/ U567	U167/ U567	U167/ U567	U167/ U567	L167	
257				DIE SET				U257	U257	U257	U257	U257	L257	
259				DIE SET				U259	U259	U259	U259	U259		
260				DIE SET									L260	
261 318	15A			DIE SET				U261	U261	U261	U261	U261	L261	
263				DIE SET				U263	U263	U263	U263	U263		
267				DIE SET				U267	U267	U267	U267	U267	L267	
275 164				DIE SET		W164		U164	U164	U164	U164	U164		
276				DIE SET				U276	U276	U276	U276	U276		
285				DIE SET				U285	U285	U285	U285	U285		
287 165 205 339				DIE SET		W165		U165/ U205	U165/ U205	U165/ U205	U165/ U205	U165/ U205	L165	
292 578				DIE SET							S292	P292	L292	
293 294				DIE SET							S293	P293	L293	
296		MY29-3	1 CRIMP	DIE SET	TAN		X25ART	U25ART	U25ART	U25ART	U25ART			
				NEST						P27D				
				INDETOR						P34PR5				
297		MY29-3	1 CRIMP	DIE SET	OLIVE		X26ART	U26ART	U26ART	U26ART	U26ART			
				NEST						P29D				
				INDENTOR						P34PR5				
298		MY29-3	1 CRIMP	DIE SET	WHITE		X28ART	U28ART	U28ART	U28ART	U28ART	U28ART	L28ART	
				NEST								P31D		
				INDENTOR								Y45PR5		
299			1 CRIMP	DIE SET	BROWN			U31ART	U31ART	U31ART	U31ART	U31ART	L31ART	
				NEST									P35D	
				INDENTOR									P48PR1	

**DIE INDEX REFERENCE (continued)**

DIE		DIELESS TOOLS		INSTALLATION TOOLING USING DIES										
GROOVE		MECH.	HYD.	DIE INFORMATION		MECHANICAL		HYDRAULIC						
BURNDY	EEI	MR, MY	Y644	TYPE	COLOR	MD6	OUR840	Y35 ①	Y39	Y750 ①	Y45 ②	Y46 ③	Y60 Ser.	
300			1 CRIMP	DIE SET	PINK			U34ART	U34ART	U34ART	U34ART	U34ART	L34ART	
				NEST								P39D		
				INDENTOR									P49PR1	
301			1 CRIMP	DIE SET	RED						S39ART	P39ART	L39ART	
				NEST									P45D	
				INDENTOR									P48PR1	
302			1 CRIMP	DIE SET	BROWN						S44ART	P44ART	L44ART	
				NEST									No Nest	
				INDENTOR									P48PR1	
303				DIE SET	GRAY			U42ART	U42ART	U42ART	U42ART			
304				DIE SET				U304	U304	U304	U304	U304	L304	
305 341				DIE SET				U305	U305	U305	U305	U305	L305	
306 170				DIE SET				U170	U170	U170	U170	U170	L170	
308				DIE SET				U308	U308	U308	U308	U308		
313				DIE SET				U313	U313	U313	U313	U313	L313	
314 376				DIE SET									L314	
316				DIE SET				U316	U316	U316	U316	U316	L316	
317 426				DIE SET				U317	U317	U317	U317	U317	L317	
318 261				DIE SET				U261	U261	U261	U261	U261	L261	
319				DIE SET							S319	P319	L319	
320				DIE SET							S320	P320	L320	
321				DIE SET				U321	U321	U321	U321	U321	L321	
322				DIE SET				U322	U322	U322	U322	U322		
324			1 CRIMP	DIE SET	RED			U29ART	U29ART	U29ART	U29ART	U29ART	L29ART	
				NEST									P32D	
				INDENTOR									P34PR5	
326 538				DIE SET				U33RT	U33RT	U33RT	U33RT	U33RT		
327	14A			DIE SET				U327	U327	U327	U327	U327	L327	
328				DIE SET									L328	
329				DIE SET				U329	U329	U329	U329	U329		
331				DIE SET				U331	U331	U331	U331	U331		
339 165 205 287				DIE SET			X-339	U165/ U205	U165/ U205	U165/ U205	U165/ U205	U165/ U205		
341 305				DIE SET				U305	U305	U305	U305	U305	L305	
342				DIE SET							S342	P342	L342	
344				DIE SET									L344	
345				DIE SET									L345	
346 ⑦			1 CRIMP	DIE SET	GRAY		X6CART	U6CABT	U6CABT	U6CABT	U6CABT	U6CABT		
348			1 CRIMP	DIE SET	PINK		X2CART	U2CABT	U2CABT	U2CABT	U2CABT	U2CABT		
350				DIE SET				U350	U350	U350	U350	U350	L350	
352				DIE SET							S352	P352	L352	
373				DIE SET				U373	U373	U373	U373	U373		

**DIE INDEX REFERENCE (continued)**

DIE		DIELESS TOOLS		INSTALLATION TOOLING USING DIES										
GROOVE		MECH.	HYD.	DIE INFORMATION		MECHANICAL		HYDRAULIC						
BURNDY	E EI	MR, MY	Y644	TYPE	COLOR	MD6	OUR840	Y35 ①	Y39	Y750 ①	Y45 ②	Y46 ③	Y60 Ser.	
374		MY29-3		DIE SET	BLUE		X8CART	U8CABT	U8CABT	U8CABT	U8CABT	U8CABT		
375		MY29-3	1 CRIMP	DIE SET	GREEN		X4CART	U4CABT	U4CABT	U4CABT	U4CABT	U4CABT		
376 314				DIE SET									L314	
400				DIE SET	PURPLE			U38RT	U38RT	U38RT	U38RT	U38RT		
403				DIE SET				U403	U403	U403	U403	U403		
419				DIE SET							S419	P419	L419	
422				DIE SET									L422	
426 317				DIE SET				U317	U317	U317	U317	U317		
459 166				DIE SET				U166/459	U166/459	U166/459	U166/459	U166/459		
467		MY29-3	1 CRIMP	DIE SET	RUBY		X27ART	U27ART	U27ART	U27ART	U27ART	U27ART		
				NEST								P30D		
				INDENTOR								P34PR5		
468				DIE SET			U468	U468	U468	U468	U468			
469				DIE SET						S469	P469	L469		
470			1 CRIMP	DIE SET	BLUE			U30ART	U30ART	U30ART	U30ART	U30ART	L30ART	
				NEST								P34D		
				INDENTOR								P48PR1		
471		MY29-3	1 CRIMP	DIE SET	GOLD		X1CART	U1CART	U1CART	U1CART	U1CART	U1CART		
				NEST										
				INDENTOR										
472			1 CRIMP	DIE SET	GREEN			U32ART	U32ART	U32ART	U32ART	U32ART	L32ART	
				NEST								P35D		
				INDENTOR								P48PR1		
473			1 CRIMP	DIE SET	BLACK			U36ART	U36ART	U36ART	U36ART	U36ART	L36ART	
				NEST								P44D		
				INDENTOR								P48PR1		
474			1 CRIMP	DIE SET	GOLD					S40ART	P40ART	L40ART		
				NEST										
				INDENTOR										
478			1 CRIMP	DIE SET	BLUE								L46ART	
				NEST										
				INDENTOR										
479				DIE SET	RED							L48ART		
490 547				DIE SET				U490	U490	U490	U490	U490	L490	
495				DIE SET									L495	
505 163				DIE SET		W163		U163	U163	U163	U163	U163	L163	
511		MY29-3		NEST INDENTOR										
512		MY29-3		NEST INDENTOR										
513		MY29-3		NEST INDENTOR										
514		MY29-3		NEST INDENTOR										

**DIE INDEX REFERENCE (continued)**

DIE		DIELESS TOOLS		INSTALLATION TOOLING USING DIES									
GROOVE		MECH.	HYD.	DIE INFORMATION		MECHANICAL		HYDRAULIC					
BURNDY	EEI	MR, MY	Y644	TYPE	COLOR	MD6	OUR840	Y35 ①	Y39	Y750 ①	Y45 ②	Y46 ③	Y60 Ser.
515		MY29-3		NEST INDENTOR									
516		MY29-3		NEST INDENTOR									
517		MY29-3		NEST INDENTOR									
518		MY29-3		NEST INDENTOR									
519		MY29-3		NEST INDENTOR									
520		MY29-3		NEST INDENTOR									
538 326				DIE SET				U33RT	U33RT	U33RT	U33RT	U33RT	
547 490				DIE SET				U490	U490	U490	U490	U490	L490
552				DIE SET				U552	U552	U552	U552	U552	
568 167 207 211 256				DIE SET		W167		U167/ U568	U167/ U568	U167/ U568	U167/ U568	U167/ U568	
575				DIE SET									L575
576				DIE SET									L576
578 292				DIE SET							S292	P292	L292
579				DIE SET							S579	P579	L579
587				DIE SET									L47ART
607				DIE SET				U607	U607	U607	U607	U607	
608				DIE SET				U608	U608	U608	U608	U608	608
609				DIE SET				U609	U609	U609	U609	U609	
627				DIE SET									L627
642				DIE SET				U642	U642	U642	U642	U642	L642
643				DIE SET				U643	U643	U643	U643	U643	
647 <sup>Ⓞ</sup>				DIE SET									L45ART
648				DIE SET									L648
654				DIE SET	PURPLE			U654	U654	U654	U654	U654	L654
655	13A			DIE SET				U655	U655	U655	U655	U655	
658				DIE SET				U658	U658	U658	U658	U658	
659				DIE SET		W659		U659	U659	U659	U659	U659	
660				DIE SET		W660	X-660	U660	U660	U660	U660	U660	
667				DIE SET									L667
668				DIE SET				U668	U668	U668	U668	U668	
676				DIE SET				U676	U676	U676	U676	U676	
677				DIE SET				U677	U677	U677	U677	U677	L677
678				DIE SET				U678	U678	U678	U678	U678	
679				DIE SET				U679	U679	U679	U679	U679	
684				DIE SET									L684
687				DIE SET		W687	X-687						
690	1S			DIE SET		W690		U690	U690	U690	U690	U690	
691	2S			DIE SET		W691		U691	U691	U691	U691	U691	

**DIE INDEX REFERENCE (continued)**

DIE		DIELESS TOOLS		INSTALLATION TOOLING USING DIES									
GROOVE		MECH.	HYD.	DIE INFORMATION		MECHANICAL		HYDRAULIC					
BURNDY	E EI	MR, MY	Y644	TYPE	COLOR	MD6	OUR840	Y35 ①	Y39	Y750 ①	Y45 ②	Y46 ③	Y60 Ser.
692	4S			DIE SET		W692		U692	U692	U692	U692	U692	
693	6A			DIE SET		W693		U693	U693	U693	U693	U693	
694	10A			DIE SET		W694		U694	U694	U694	U694	U694	
702				DIE SET		W702							
705				DIE SET				U705	U705	U705	U705	U705	
717				DIE SET							S717	P717	L717/ L717W
718				DIE SET									L718
719				DIE SET							S719	P719	L719/ L719W
720				DIE SET							S720	P720	L720/ L720W
721				DIE SET									L721
722				DIE SET							S722	P722	L722/ L722W
723				DIE SET									L723
724				DIE SET							S724	P724	L724/ L724W
725				DIE SET							S725	P725	L725/ L725W
726				DIE SET									L726
727				DIE SET									L727/ L727W
728				DIE SET									L728/ L728W
729				DIE SET									L729/ L729W
735				DIE SET									L735/ L735W
740				DIE SET									L740
786				DIE SET				U786	U786	U786	U786	U786	
788				DIE SET				U788	U788	U788	U788	U788	
789				DIE SET									L789
936			1 CRIMP	DIE SET	YELLOW			U39ART-2	U39ART-2	U39ART-2	U39ART-2	U39ART-2	L39ART-2
997				DIE SET	ORANGE			U997	U997	U997	U997	U997	
998				DIE SET						PU998	S998	P998	
999				DIE SET							S999	P999	
1011				DIE SET						U1011	S1011	P1011	
1012				DIE SET							S1012		
1013		MY29-11		NEST				UV8L	UV8L	UV8L	UV8L	UV8L	
				INDENTOR				Y34PL	Y34PL	Y34PL	Y34PL	Y34PL	
1014		MY29-11		NEST				U6CD1	U6CD1	U6CD1	U6CD1	U6CD1	
				INDENTOR				Y34PR	Y34PR	Y34PR	Y34PR	Y34PR	
1015		MY29-11		NEST				U4CD1	U4CD1	U4CD1	U4CD1	U4CD1	
				INDENTOR				Y34PR	Y34PR	Y34PR	Y34PR	Y34PR	
1016		MY29-11		NEST				U3CD1	U3CD1	U3CD1	U3CD1	U3CD1	
				INDENTOR				Y34PR	Y34PR	Y34PR	Y34PR	Y34PR	

**DIE INDEX REFERENCE (continued)**

DIE		DIELESS TOOLS		INSTALLATION TOOLING USING DIES										
GROOVE		MECH.	HYD.	DIE INFORMATION		MECHANICAL		HYDRAULIC						
BURNDY	EEI	MR, MY	Y644	TYPE	COLOR	MD6	OUR840	Y35 ①	Y39	Y750 ①	Y45 ②	Y46 ③	Y60 Ser.	
1017		MY29-11		NEST				U2CD1	U2CD1	U2CD1	U2CD1	U2CD1		
				INDENTOR				Y34PR	Y34PR	Y34PR	Y34PR	Y34PR		
1018		MY29-11		NEST				U1CD1	U1CD1	U1CD1	U1CD1	U1CD1		
				INDENTOR				Y34PR	Y34PR	Y34PR	Y34PR	Y34PR		
1019		MY29-11		NEST				U25D1	U25D1	U25D1	U25D1	U25D1		
				INDENTOR				Y34PR2	Y34PR2	Y34PR2	Y34PR2	Y34PR2		
1020		MY29-11		NEST				U26D1	U26D1	U26D1	U26D1	U26D1		
				INDENTOR				Y34PR2	Y34PR2	Y34PR2	Y34PR2	Y34PR2		
1021		MY29-11		NEST				U27D1	U27D1	U27D1	U27D1	U27D1		
				INDENTOR				Y34PR2	Y34PR2	Y34PR2	Y34PR2	Y34PR2		
1022		MY29-11		NEST				U28D1	U28D1	U28D1	U28D1	U28D1		
				INDENTOR				Y34PR2	Y34PR2	Y34PR2	Y34PR2	Y34PR2		
1023		MY29-11		NEST				U29D1	U29D1	U29D1	U29D1	U29D1		
				INDENTOR				Y34PR2	Y34PR2	Y34PR2	Y34PR2	Y34PR2		
1024				NEST				U30D1	U30D1	U30D1	U30D1	U30D1		
				INDENTOR				Y34PR2	Y34PR2	Y34PR2	Y34PR2	Y34PR2		
1025				NEST				U31D1	U31D1	U31D1	U31D1	U31D1		
				INDENTOR				Y34PR2	Y34PR2	Y34PR2	Y34PR2	Y34PR2		
1026				NEST				U32D1	U32D1	U32D1	U32D1	U32D1		
				INDENTOR				Y34PR2	Y34PR2	Y34PR2	Y34PR2	Y34PR2		
1027				NEST				U34D1	U34D1	U34D1	U34D1	U34D1		
				INDENTOR				Y34PR2	Y34PR2	Y34PR2	Y34PR2	Y34PR2		
1028				NEST								P36D		
				INDENTOR										Y48PR1
1029				NEST									P38D	
				INDENTOR										P48PR1
1030				NEST									P39D	
				INDENTOR										P48PR1
1031				NEST									P40D	
				INDENTOR										P48PR1
1032				NEST									P44D	
				INDENTOR										P48PR1
1102				DIE SET	WHITE								P1102	
1103				DIE SET	BLUE									P1103
1104				DIE SET	BROWN					U1104				P1104
1105				DIE SET						U1105				P1105
1108				DIE SET										L486RT
2000				NEST				U27B	U27B	U27B	U27B			
				INDENTOR				Y34PR15	Y34PR15	Y34PR15	Y34PR15			

① Cat. No. Y35P3 Adaptor is required to use "Y34PR" type indentors with "U" type nest dies in Y35 and Y750 series.

② Cat. No. PT6515 Adaptor is required to use "U" type dies in Y45 series.

③ Cat. No. PUADP-1 Adaptor is required to use "U" type dies in Y46 series.

④ The MD6-6R2 ratchet tool is required on these sizes. The standard MD6 or MD6R ratchet tools will not work.

⑤ Also pneumatic version Y29NC.

⑥ Die 302 recommended for 1.84 O.D. barrel.

⑦ Hexagonal crimp