BURNDY TOOL SERVICE
GETS IT DONE!

GET IT FIXED
Tools repaired at our Littleton, NH facility, or any of our authorized warranty repair centers, receive a one-year warranty at the time of servicing. This warranty is issued regardless of the age of the tool returned.

GET A REPLACEMENT
• Returned tools 1) beyond economic repair, or 2) discontinued and no longer repairable, can be replaced directly through the factory at a discounted price.
• Replacement tools are brand new and carry a new tool warranty.

GET A LOANER
• Tools are available for up to 60 days at no charge.
• Coverage during the repair of a returned tool and urgent customer needs, as available.

GET CALIBRATED
• Tool calibration can be factory checked for a flat fee of $100.00.
• Calibrated tools will be returned with test data and a certificate of compliance.

GET TRAINED
• Tool repair training is offered at the factory in Littleton, NH at no charge.
• Hands-on and individualized to accommodate specific customer needs and schedules.
• On-site training and calibration options also available.

GET TECHNICAL
• Call 603-444-6781 or 800-426-8720 (toll-free) for any tooling related questions.
• Technical assistance is available for servicing and calibration questions. Talk directly with a service manager or senior service technician.

BURNDY® tools are designed, tested and assembled in the U.S. and most carry a 5-year limited warranty. Our PATRIOT® line of battery tools also have a lifetime warranty on the INFINITY DRIVE® transmission.
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 are 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, the most significant benefit being 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

Return Procedure

All tools sent to the BURNDY Tool Center (1-800-426-8720) 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.

This warranty and repair policy supercedes all previous policies and is in effect as of January 1, 2010.

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.
IMPORTANT NOTES:

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

Notes for battery operated crimpers and cutters:

It is recommended that battery be removed when changing jaws, changing dies or storing tool in case.

Select battery operated tools are available in alternate versions:
- Nickel Metal Hydride
- AC
- DC
- 250 Volt

Contact Customer Service for further information:
US: 1-800-346-4175
Canada: 1-800-387-6487
International: 1-603-647-5299

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<td>BAT18V5AHLI</td>
<td>5.0Ah Li-Ion battery</td>
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<td>PATCHGRLI</td>
<td>120V-AC Charger</td>
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<tr>
<td>PATCHGRLIDC</td>
<td>12/24V-DC Charger</td>
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<td>PT208620</td>
<td>Lanyard</td>
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<td>PT10074020</td>
<td>Wrist Strap for PATMDLW</td>
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<td>W28K (6-ton)</td>
<td>Cutter die, 4-4/0 CU/AL, ACSR</td>
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<tr>
<td>WDA8300 (6-ton)</td>
<td>Range taking die, 4-500 CU Str. and #2-4/0 CU Flex</td>
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<tr>
<td>WDC4500 (6 ton)</td>
<td>Range taking die, #8-300 AL, #6-400 CU Str, and #2-4/0 CU Flex</td>
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<td>P15K (15-ton)</td>
<td>Cutter die, max. diameter 1.2”</td>
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<tr>
<td>PUADP1 (15-ton)</td>
<td>U-die Adapter</td>
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</table>

PATRIOT® SERIES with EP ★ ENHANCED POWER

BURNDY® PATRIOT® Tools are designed to accept an expanded range of Makita 18V Lithium-Ion Batteries, identified by Makita Star Power. Multi-Ah Capability provides the user with more choices and flexibility than ever before. Accepts large capacity 6Ah to smaller capacity 2Ah batteries.

More POWER, More FLEXIBILITY, More PRODUCTIVITY

PLEASE NOTE:

Prior models, tools WITHOUT the EP Enhanced Power mark, will only accept Makita 18V 3.0Ah batteries.

Do not force any other size battery into the tool. Damage caused by doing so will void the warranty.
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BURNDY® Tools exemplify both reliability and engineering knowledge unsurpassed in the industry.
PATRIOT® 15 Ton, C-Head
Hydraulic Self-Contained, 18V Lithium-Ion

Tool Series: PAT46LWS

- 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
- EP Enhanced Power — tools accept 2.0, 3.0, 4.0, 5.0, and 6.0Ah Makita batteries

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 AWG; 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:

Output Force: 15 Tons
Tool Weight: 18.9 lbs
Size: 18.00” x 14.00” x 3.00”
Die Style: P and U style (with PUADP1)
Jaw Opening: 2.00”
Operating Voltage: 18 V-DC Lithium-Ion
Recharge Time: 30 minutes (3.0Ah)
  45 minutes (5.0Ah)
Warranty: 5 year limited warranty
  Lifetime warranty on INFINITY DRIVE®
  3 year on batteries and charger

Accessories:

P15K: Cutter Die, max. diameter 1.2”
PUADP1: U Die Adapter
BAT18VLI: 3.0Ah Li-Ion battery
BAT18V5AHLI: 5.0Ah Li-Ion battery
PATCHGRLIDC: 12/24V-DC Charger
PT208620: Lanyard
FORCEGAUGE1215: Force Test Gauge

Variations:

PAT46LWSLI with 3.0Ah Li-Ion batteries
PAT46CLWSLI with rubber covered head (3.0Ah)
PAT46LWSL5 with 5.0Ah Li-Ion batteries
PAT46CLWSL5 with rubber covered head (5.0Ah)

See Important Notes page at start of Catalog.
Battery Crimper
15 Ton, Latch Head

PATRIOT® 15 Ton, Latch Head
Hydraulic Self-Contained, 18V Lithium-Ion

Tool Series: PAT46LW

- 2” ram travel
- 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
- EP Enhanced Power — tools accept 2.0, 3.0, 4.0, 5.0, and 6.0Ah Makita batteries

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 AWG; 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:

Output Force: 15 Tons
Tool Weight: 16.8 lbs
Size: 18.75” x 13.75” x 3.75”
Die Style: P and U style (with PUADP1)
Operating Voltage: 18 V-DC Lithium-Ion
Recharge Time: 30 minutes (3.0Ah)
   45 minutes (5.0Ah)
Warranty: 5 year limited warranty
   Lifetime warranty on INFINITY DRIVE®
   3 year on batteries and charger

Accessories:

P15K: Cutter Die, max. diameter 1.2”
PUADP1: U Die Adapter
BAT18VL: 3.0Ah Li-Ion battery
BAT18V5AHLI: 5.0Ah Li-Ion battery
PATCHGR1DC: 120V-AC Charger
PT208620: Lanyard
FORCEGAUGE1215: Force Test Gauge

Variations:

PAT46LWLI: with 3.0Ah batteries
PAT46LWL5: with 5.0Ah batteries

See Important Notes page at start of Catalog.
Patriot® 12 Ton, C-Head
Hydraulic Self-Contained, 18V Lithium-Ion

Tool Series: PAT750

- 1.65” jaw opening
- Used with U dies
- C-head with 355° head rotation
- Patented T-Track alignment guide for HYGROUND® as well as other asymmetrical connectors
- Includes 2 batteries, charger, and polymer carrying case
- EP Enhanced Power — tools accept 2.0, 3.0, 4.0, 5.0, and 6.0Ah Makita batteries

For Use On:

Tension Sleeves

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<tr>
<td>Copper</td>
<td>#8 sol. - 500 kcmil</td>
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<tr>
<td>Aluminum</td>
<td>#8 sol. - 587.2 kcmil</td>
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<td>ACSR</td>
<td>#4 - 556.5 kcmil</td>
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Taps

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Aerial Cable

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Terminals & Splices

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<tr>
<td>ACSR</td>
<td>#4 - 556 kcmil</td>
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HYGROUND® (Compression Grounding)

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<tr>
<td>Ground Rods</td>
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Specifications:

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<td>Output Force</td>
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<td>Tool Weight</td>
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<td>Size</td>
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<td>Die Style</td>
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<td>Jaw Opening</td>
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<td>3 year on batteries and charger</td>
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Accessories:

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<td>BAT18VLI:</td>
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<td>BAT18VSAHL:</td>
<td>5.0Ah Li-ion battery</td>
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<td>PATCHGRLI:</td>
<td>120V-AC Charger</td>
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<td>PATCHGRLIDC:</td>
<td>12/24V-DC Charger</td>
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<td>PT208620:</td>
<td>Lanyard</td>
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<td>FORCEGAUGE1215:</td>
<td>Force Test Gauge</td>
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Variations:

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<tr>
<td>PAT750LI</td>
<td>with 3.0Ah Li-ion batteries</td>
</tr>
<tr>
<td>PAT750CLI</td>
<td>PAT750LI with rubber covered head (3.0Ah)</td>
</tr>
<tr>
<td>PAT750KLI</td>
<td>PAT750LI with KEARNEY™ style head (3.0Ah) used with KEARNEY™ WH1 and WH2 and BURNDY U dies with KUADP adapter (sold separately)</td>
</tr>
<tr>
<td>PAT750L5</td>
<td>with 5.0Ah Li-ion batteries</td>
</tr>
<tr>
<td>PAT750CL5</td>
<td>PAT750L5 with rubber covered head (5.0Ah)</td>
</tr>
</tbody>
</table>

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

See Important Notes page at the start of Catalog.
PATRIOT® 11 Ton, C-Head, Dieless
Hydraulic Self-Contained, 18V Lithium-Ion

Tool Series: PAT444S

- New C-Head style for easy access and increased flexibility
- Dieless System with range taking capability
- 355° Head rotation
- Ergonomically balanced
- Includes 2 batteries, charger, and polymer carrying case
- **EP Enhanced Power** — tools accept 2.0, 3.0, 4.0, 5.0, and 6.0Ah Makita batteries

For Use On:

Copper #4 - 1000 kcmil Code & Flex
- **Terminals**: YA-L, YA-2LN, YA, YA-2N, YA-L2TC, YAB-4N, YA-LTC, YA-2L, YA-4N, YAV, YAZ, YA-L-FX, YA-FXB, YBA, YAG
- **Splices**: YS-L, YS, YS-T

Copper #4 - 1000 kcmil Code; #2 - 777 kcmil Flex
- **HYPLUG™**: YE-P, YE-P-FX, YE-V-P-FX

Aluminum #4 AWG - 1000 kcmil
- **Terminals**: YA-A, YA-A-TN
- **Splices**: YS-A
- **HYPLUG™**: AYP, AYPO

ACSR, AAC, AAAC, ACAR #4 AWG - 556.6 kcmil
- **Splices**: YDS-RL, YDS-RLNI

Cable Pulling Heads: YCP-L
- #6 AWG - 1000 kcmil (copper & aluminum)

See Expanded Range details in Reference Section

Variations:

- PAT444SLI with 3.0Ah Li-Ion batteries
- PAT444SL5 with 5.0Ah Li-Ion batteries

See Important Notes page at start of Catalog.
PATRIOT® 11 Ton, Latch Head, Dieless
Hydraulic Self-Contained, 18V Lithium-Ion

Tool Series:  PAT644

- Dieless system
- Range taking capabilities
- 360° head rotation
- Ergonomically balanced
- Includes 2 batteries, charger, and polymer carrying case
- EP Enhanced Power — tools accept 2.0, 3.0, 4.0, 5.0, and 6.0Ah Makita batteries

For Use On:

Copper #4 - 1000 kcmil Code; #2 - 777 kcmil Flex

Terminals: YA-L, YA-2LN, YA, YA-2N, YA-L-2TC, YAB-4N, YA-LTC, YA-2L, YA-4N, YAV, YAZ, YA-L-FX, YA-FXB, YBA, YAG
Splices:  YS-L, YS, YS-T
HYPLUG™: YE-P, YE-P-FX, YEV-P-FX

Aluminum #6 AWG - 900 kcmil
Terminals: YA-A, YA-A-TN
Splices:  YS-A
HYPLUG™: AYP, AYPO

ACSR, AAC, AAAC, ACAR #4 AWG - 556.6 kcmil
Splices:  YDS-RL, YDS-RLNI

Cable Pulling Heads:  YCP-L
#6 AWG - 1000 kcmil (copper & aluminum)

See Expanded Range details in Reference Section

Specifications:

Output Force:  11 Tons
Tool Weight:  15.0 lbs
Size:  15.62" x 14.12" x 3.25"
Die Style:  Dieless
Operating Voltage:  18 V-DC Lithium-Ion
Recharge Time:  30 minutes (3.0Ah)
                 45 minutes (5.0Ah)
Warranty:  5 year limited warranty
            Lifetime warranty on INFINITY DRIVE®
            3 year on batteries and charger

Accessories:

BAT18VL:  3.0Ah Li-Ion battery
BAT18V5AHLI:  5.0Ah Li-Ion battery
PATCHGRL:  120V-AC Charger
PATCHGRLIDC:  12/24V-DC Charger
PT208620:  Lanyard
FORCEGAUGE11:  Force Test Gauge

Variations:

PAT644LI   with 3.0Ah Li-Ion batteries
PAT644L5   with 5.0Ah Li-Ion batteries

Connections are UL Listed to UL 486A-486B on Copper and Aluminum terminals and splices
Comply with ANSI C119.4 on YDS-RL and YDS-RLNI Splices (ACSR, AAC, AAAC, ACAR)
Qualified for use on YCP-L Compression Pulling Heads

See Important Notes page at start of Catalog.
PATRIOT® 4-POINT® 6 Ton, Latch Head, Dieless
Hydraulic Self-Contained, 18V Lithium-Ion

Tool Series: PAT81KFT

- Dieless system
- Range taking capabilities
- 360° head rotation
- Mechanical ram release
- Includes 2 batteries, charger, and polymer carrying case
- **EP Enhanced Power** — tools accept 2.0, 3.0, 4.0, 5.0, and 6.0Ah Makita batteries

For Use On:

**Copper #8 - 1000 kcmil**

**Terminals:** YA, YA-L  
**Splices:** YS-L, YS, YS-T, Y-R

**Copper Flex #8 - 646 kcmil Flex**

**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:**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
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<tbody>
<tr>
<td>Output Force:</td>
<td>6 Tons</td>
</tr>
<tr>
<td>Tool Weight:</td>
<td>13.2 lbs</td>
</tr>
<tr>
<td>Size:</td>
<td>15.62&quot; x 14.12&quot; x 3.25&quot;</td>
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<tr>
<td>Die Style:</td>
<td>Dieless</td>
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<tr>
<td>Operating Voltage:</td>
<td>18 V-DC Lithium-Ion</td>
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<tr>
<td>Recharge Time:</td>
<td>30 minutes (3.0Ah)</td>
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<tr>
<td></td>
<td>45 minutes (5.0Ah)</td>
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<tr>
<td>Warranty:</td>
<td>5 year limited warranty</td>
</tr>
<tr>
<td></td>
<td>Lifetime warranty on INFINITY DRIVE®</td>
</tr>
<tr>
<td></td>
<td>3 year on batteries and charger</td>
</tr>
</tbody>
</table>

**Accessories:**

- **BAT18VLI:** 3.0Ah Li-Ion battery
- **BAT18V5AHLI:** 5.0Ah Li-Ion battery
- **PATCHGRLI:** 120V-AC Charger
- **PATCHGRLIDC:** 12/24V-DC Charger
- **PT208620:** Lanyard

See Important Notes page at start of Catalog.
### Tooling

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

**Tool Series:** PAT4PC834

- Dieless system
- Range taking capabilities
- 360° head rotation
- Ergonomically balanced
- Includes 2 batteries, charger, and polymer carrying case
- **EP Enhanced Power** — tools accept 2.0, 3.0, 4.0, 5.0, and 6.0Ah Makita batteries

**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)

*1.06" barrel diameter maximum for splices due to jaw opening

See Expanded Range details in Reference Section

### Specifications:

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
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<tbody>
<tr>
<td>Output Force</td>
<td>6 Tons</td>
</tr>
<tr>
<td>Tool Weight</td>
<td>13.0 lbs</td>
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<tr>
<td>Size</td>
<td>15.62&quot; x 13.20&quot; x 3.25&quot;</td>
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<tr>
<td>Die Style</td>
<td>Dieless</td>
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<tr>
<td>Operating Voltage</td>
<td>18 V-DC Lithium-Ion</td>
</tr>
<tr>
<td>Recharge Time</td>
<td>30 minutes (3.0Ah)</td>
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<tr>
<td></td>
<td>45 minutes (5.0Ah)</td>
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<tr>
<td>Warranty</td>
<td>5 year limited warranty</td>
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<tr>
<td></td>
<td>Lifetime warranty on INFINITY DRIVE®</td>
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<tr>
<td></td>
<td>3 year on batteries and charger</td>
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### Accessories:

<table>
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<tr>
<th>Part Number</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>BAT18VLI</td>
<td>3.0Ah Li-Ion battery</td>
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<tr>
<td>BAT18V5AHLI</td>
<td>5.0Ah Li-Ion battery</td>
</tr>
<tr>
<td>PATCHGRLI</td>
<td>120V-AC Charger</td>
</tr>
<tr>
<td>PATCHGRLIDC</td>
<td>12/24V-DC Charger</td>
</tr>
<tr>
<td>PT208620</td>
<td>Lanyard</td>
</tr>
</tbody>
</table>

### Variations:

- **PAT4PC834LI:** with 3.0Ah Li-Ion batteries
- **PAT4PC834L5:** with 5.0Ah Li-Ion batteries

See Important Notes page at start of Catalog.
PATRIOT® 6 Ton, Latch Head
Hydraulic Self-Contained, 18V Lithium-Ion

Tool Series: PAT600

- Permanent functional D3 groove (no die needed)
- Uses W and X style dies
- 180° head rotation
- Enhanced clearance for tap connections
- Includes 2 batteries, charger, and polymer carrying case
- **EP Enhanced Power** — tools accept 2.0, 3.0, 4.0, 5.0, and 6.0Ah Makita batteries

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

Specifications:

- **Output Force:** 6 Tons
- **Tool Weight:** 10.1 lbs
- **Size:** 14.50" x 13.75" x 3.50"
- **Die Style:** W and X style dies
- **Operating Voltage:** 18 V-DC Lithium-Ion
- **Recharge Time:**
  - 30 minutes (3.0Ah)
  - 45 minutes (5.0Ah)
- **Warranty:**
  - 5 year limited warranty
  - Lifetime warranty on INFINITY DRIVE®
  - 3 year on batteries and charger

Accessories:

- **BAT18VL:** 3.0Ah Li-Ion battery
- **BAT18V5AHL:** 5.0Ah Li-Ion battery
- **PATCHGR:** 120V-AC Charger
- **PATCHGRD:** 12/24V-DC Charger
- **PT20862:** Lanyard
- **WDIETREE:** W die holder
- **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

* 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.

Variations:

- **PAT600L:** with 3.0Ah Li-Ion batteries
- **PAT600L5:** with 5.0Ah Li-Ion batteries

See Important Notes page at start of Catalog.
PATRIOT® 6 Ton, Scissor Action
Hydraulic Self-Contained, 18V Lithium-Ion

Tool Series: PAT500SJ

- 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
- EP Enhanced Power — tools accept 2.0, 3.0, 4.0, 5.0, and 6.0Ah Makita batteries

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)

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 (3.0Ah), 45 minutes (5.0Ah)
- Warranty: 5 year limited warranty
  Lifetime warranty on INFINITY DRIVE®
  3 year on batteries and charger

Variations:

- PAT500SJ6LI: BG and D3 grooves (3.0Ah)
- PAT500SJ68LI: O and D3 grooves (3.0Ah)
- PAT500SJ66LI: D3 groove only (snub-nose) (3.0Ah)
- PAT500SJ6L5: BG and D3 grooves (5.0Ah)
- PAT500SJ68L5: O and D3 grooves (5.0Ah)
- PAT500SJ66L5: D3 groove only (snub-nose) (5.0Ah)

Interchangeable Jaw Assemblies:

- PATMD6LWJAW: Crimp jaw with BG and D3 grooves
- PATMD68LWJAW: Crimp jaw with O and D3 grooves
- PATMD66LWJAW: Crimp jaw with D3 groove only
- PATMDCUTLWJAW: Cutting jaw with ACSR blades
- PATMDCUTCLWJAW: Cutting jaw with CUAL blades
- PATMDCUTGLWJAW: Cutting jaw with GUY blades

See Important Notes page at start of Catalog.
PATRIOT® 6 Ton, Scissor Action
Hydraulic Self-Contained, 18V Lithium-Ion

Tool Series: PATMD-LW

- Light weight, compact and ergonomic design
- Interchangeable scissor action crimping and cutting jaws
- Safety trigger lock and locking jaw tabs
- LED Worklight
- **EP Enhanced Power** — tools accept 2.0, 3.0, 4.0, 5.0, and 6.0Ah Makita batteries

<table>
<thead>
<tr>
<th>Connector Type</th>
<th>Conductor Type</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Terminals &amp; Splices</td>
<td>Copper</td>
<td>#8 AWG - 500 kcmil</td>
</tr>
<tr>
<td>Terminals &amp; Splices</td>
<td>Flex Copper</td>
<td>#8 AWG - 350 kcmil</td>
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<tr>
<td>Terminals &amp; Splices</td>
<td>Aluminum (AAC)</td>
<td>#8 AWG - 350 kcmil</td>
</tr>
<tr>
<td>Full-Tension</td>
<td>ACSR</td>
<td>#10 - 4/0 AWG</td>
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<tr>
<td>Taps</td>
<td>Copper</td>
<td>#10 - 2/0 AWG</td>
</tr>
<tr>
<td>Taps</td>
<td>ACSR or ACSR</td>
<td>#14 - 4/0 AWG</td>
</tr>
<tr>
<td>Stirrups</td>
<td>ACSR</td>
<td>#6 - 4/0 AWG</td>
</tr>
</tbody>
</table>

Variations:

- **PATMD6LW**: BG and D3 grooves, 3.0Ah batteries, AC charger
- **PATMD68LW**: O and D3 grooves, 3.0Ah batteries, AC charger
- **PATMD66LW**: D3 groove only, 3.0Ah batteries, AC charger
- **PATMD6LW5**: BG and D3 grooves, 5.0Ah batteries, AC charger
- **PATMD68LW5**: O and D3 grooves, 5.0Ah batteries, AC charger
- **PATMD66LW5**: D3 groove only, 5.0Ah batteries, AC charger

Standard Crimp/Cut Kits are available supplied with both crimping and cutting jaws. (See separate pages in Cutters Section.)

Customize a tool kit with up to 3 jaws and optional accessories. Contact Customer Service at 1-800-346-4175.

**Interchangeable Jaw Assemblies:**

- **PATMD6LWJAW**: Crimp jaw with BG and D3 grooves
- **PATMD68LWJAW**: Crimp jaw with O and D3 grooves
- **PATMD66LWJAW**: Crimp jaw with D3 groove only
- **PATMDCUTLWJAW**: Cutting jaw with ACSR blades
- **PATMDCUTCLWJAW**: Cutting jaw with CU/AL blades
- **PATMDCUTGLWJAW**: Cutting jaw with GUY blades

**Specifications:**

- **Output Force**: 6 Tons
- **Tool Weight**: 6.7 lbs
- **Length**:
  - PATMD6LW: 18.73"
  - PATMD68LW: 18.73"
  - PATMD66LW: 17.85"
- **Die Style**: W and X (with crimping jaws)
- **Operating Voltage**: 18 V-DC Lithium-Ion
- **Recharge Time**:
  - 3.0Ah: 30 minutes
  - 5.0Ah: 45 minutes
- **Warranty**:
  - 5 year limited warranty
  - Lifetime warranty on INFINITY DRIVE®
  - 3 years on batteries and charger

**Accessories:**

- **BAT18VLI**: Hi-capacity LI Makita battery (3.0Ah)
- **BAT18V5AHLI**: Hi-capacity LI Makita battery (5.0Ah)
- **PATCHGRIL**: 120V-AC Makita charger
- **PATCHGRLIDC**: 12/24V-DC Makita charger
- **W28K**: Cutter Dies (cuts 4-4/0 CU, AL, ACSR)
- **WDIETREE**: W-die holder for 6 die sets
- **CASEWDIES**: W-die case holder for 12 die sets
- **TOOLBAGMLI**: Tool bag (included with tool)

See Important Notes page at start of Catalog.

1-800-387-6487 (Canada)
1-603-647-5299 (International)
HYPRESS™ 12 Ton, C-Head
Hydraulic Self-Contained, Hand Operated

Tool Series: Y750HSXT

• 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

Specifications:
- Output Force: 12 Tons
- Tool Weight: 14.5 lbs
- Size: 23.96" x 8.71" x 2.90"
- Die Style: U style
- Jaw Opening: 1.65"
- Warranty: 5 year limited warranty

Accessories:
- PT10024162: Plastic carrying case for Y750HSXT/Y750CHSXT
- FORCEGAUGE1215: Force test gauge for accurate reading of output force
- CASEUDIES15: Plastic die case for U dies

Variations:
- Y750HSXT Standard C-Head tool
- Y750CHSXT Y750HSXT with rubber covered head
HYPRESS™ 12 Ton, C-Head
Hydraulic Self-Contained, Hand Operated

Tool Series: Y35

- 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 & Distribution Sections
H & I of the current BURNDY® Master Catalog

Specifications:

Output Force: 12 Tons
Tool Weight: 13.5 lbs
Size: 23.25” x 4.75” x 2.75”
Die Style: U style
Warranty: 5 year limited warranty

Variations:

Y35
Standard C-Head tool (rubber covered body and handles only)

Y352
Y35 with rubber covered head, body, and handles

Accessories:

PT2972: Steel Carry Case (included with tool)
Y35/Y39REPKITA: Seal Repair Kit
PT292792: 12 Ton Force Gauge
Hand Operated Crimper
11 Ton, Latch Head, Dieless

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

Tool: Y644HSXT

- 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 #4 - 1000 kcmil Code; #2 - 777 kcmil Flex

Terminals: YA-L, YA-2LN, YA, YA-2N, YA-L2TC, YAB-4N, YA-L-TC, YA-2L, YA-4N, YAV, YAZ, YA-L-FX, YA-FXB, YBA, YAG

Splices: YS-L, YS, YS-T

HYPLUG™: YE-P, YE-P-FX, YEV-P-FX

Aluminum #6 - 900 kcmil

Terminals: YA-A, YA-A-TN

Splices: YS-A

HYPLUG™: AYP, AYPO

ACSR, AAC, AAAC, ACAR #4 AWG - 556.6 kcmil

Splices: YDS-RL

Cable Pulling Heads: YCP-L

#6 AWG - 1000 kcmil (copper & aluminum)

See Expanded Range details in Reference Section

Specifications:

- Output Force: 11 Tons
- Tool Weight: 15.0 lbs
- Size: 23.20” x 7.04” x 3.00”
- Die Style: Dieless
- Warranty: 5 year limited warranty

Variations:

Y644HSXT Standard Dieless Latch Head tool

Accessories:

Y644HSCASE: Plastic carrying case (included with tool)
Hand Operated Crimper
6 Ton, Latch Head, Dieless

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

**Tool:** Y81KFT

- 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 - 646 kcmil Flex

- **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*

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**Specifications:**

- **Output Force:** 6 Tons
- **Tool Weight:** 12.0 lbs
- **Size:** 25.60” x 7.70” x 2.50”
- **Die Style:** Dieless
- **Warranty:** 5 year limited warranty

**Variations:**

- **Y81KFT** Standard 4-POINT® Dieless Latch Head tool

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**Accessories:**

- **PT10050733:** Plastic carrying case (included with tool)
4-POINT® 6 Ton, C-Head, Dieless
Hydraulic Self-Contained, Hand Operated

Tool: Y4PC834

- 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)

*1.06” barrel diameter maximum for splices due to jaw opening

Specifications:

- Output Force: 6 Tons
- Tool Weight: 11.9 lbs
- Size: 25.62” x 7.75” x 2.50”
- Die Style: Dieless
- Warranty: 5 year limited warranty

Variations:

Y4PC834 Standard 4-POINT® Dieless C-Head tool

Accessories:

PT10050733: Plastic Carrying Case (included with tool)
Hand Operated Crimper
6 Ton, Latch Head

L’il CRIMP™ 6 Ton, Latch Head
Hydraulic Self-Contained, Hand Operated

Tool: Y500CTHS

- Permanent functional D3 groove (no die needed)
- Used with W and X 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:

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Output Force</td>
<td>6 Tons</td>
</tr>
<tr>
<td>Tool Weight</td>
<td>7.8 lbs</td>
</tr>
<tr>
<td>Size</td>
<td>18.00” x 5.50” x 2.68”</td>
</tr>
<tr>
<td>Die Style</td>
<td>W and X style dies</td>
</tr>
<tr>
<td>Warranty</td>
<td>5 year limited warranty</td>
</tr>
</tbody>
</table>

Variations:

- Y500CTHS: Standard Latch Head tool

Accessories:

- 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)
- 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.
Remote Operated Crimper
60 Ton, Latch Head, Light Weight

**Tool:** Y60LW

- 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

**Specifications:**

- **Output Force:** 60 Tons
- **Tool Weight:** 43.0 lbs
- **Size:** 12.93" x 8.06" x 8.06"
- **Die Style:** L style (standard or wide style); HPS/Fargo-equivalent 60 ton dies
- **Operating Pressure:** 10,000 PSI
- **Warranty:** 5 year limited warranty

**Variations:**

- **Y60LW**
  - Standard Remote Latch Head tool

**Accessories:**

- **Y60LWSTAND:** Metal stand for Y60LW (included with tool)
- **Y60LWCASE:** Steel carry case for Y60LW head (included with tool)

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

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.
15 Ton, Remote C-Head
Remote Operated Hydraulic Tool

**Tool Series:** Y46LWSBH

- 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 AWG; 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:**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Output Force</td>
<td>15 Tons</td>
</tr>
<tr>
<td>Tool Weight</td>
<td>14.5 lbs</td>
</tr>
<tr>
<td>Size</td>
<td>14.68” x 5.06” x 2.88”</td>
</tr>
<tr>
<td>Die Style</td>
<td>P style and U style with PUADP1 adapter</td>
</tr>
<tr>
<td>Operating Pressure</td>
<td>10,000 PSI</td>
</tr>
<tr>
<td>Cycles</td>
<td>10,000</td>
</tr>
<tr>
<td>Warranty</td>
<td>5 year limited warranty</td>
</tr>
</tbody>
</table>

**Variations:**

- Y46LWSBH: Standard Light Weight C-Head tool
- Y46CLWSBH: Permanently molded head of 3/16” rubber included separate molded rubber boot for lower body and hydraulic coupler
- Y46CLWSBHF: Y46CLWSBH (covered) tool with Female coupler
- Y46LWSBHF: Y46LWSBH tool with Female coupler (not rubber covered)

**Accessories:**

- PUADP1: U die adapter
- P15K: Cutter Die, max. diameter 1.2”
- PT10054094: Carry Bag (included with tool)

See Hydraulic Pumps and Hydraulic Hoses; Pump Accessories for other necessary equipment.
15 Ton, Remote Latch Head
Remote Operated Hydraulic Tool

**Tool Series:** Y46LWBH

- 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 AWG; 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:**

- **Output Force:** 15 Tons
- **Tool Weight:** 12.4 lbs
- **Size:** 14.88" x 5.06" x 3.07"
- **Die Style:** P style and U style with PUADP1 adapter
- **Operating Pressure:** 10,000 PSI
- **Cycles:** 10,000
- **Warranty:** 5 year limited warranty

**Variations:**

- **Y46LWBH**
  - Standard Light Weight Latch Head tool

- **Y46LWBHFS**
  - Y46LWBH tool with Female coupler (not rubber covered)

**Accessories:**

- **PUADP1:** U die adapter
- **P15K:** Cutter Die, max. diameter 1.2"
- **PT10054094:** Carry Bag (included with tool)

See Hydraulic Pumps and Hydraulic Hoses; Pump Accessories for other necessary equipment.
15 Ton, Remote C-Head
Remote Operated Hydraulic Tool

Tool: Y45

- 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® 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:**

| Output Force: | 15 Tons |
| Tool Weight: | 15.5 lbs |
| Size: | 15.25" x 4.50" x 2.62" |
| Die Style: | S style and U style with PT6515 adapter |
| Operating Pressure: | 10,000 PSI |
| Cycles: | 10,000 |
| Warranty: | 5 year limited warranty |

**Variations:**

- **Y45** Standard Remote C-Head tool

**Accessories:**

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

*See Hydraulic Pumps and Hydraulic Hoses; Pump Accessories for other necessary equipment.*
12 Ton, Remote C-Head
Remote Operated Hydraulic Tool

Tool: Y750BHXT

- 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

Specifications:

Output Force: 12 Tons
Tool Weight: 10.8 lbs
Size: 12.80” x 5.20” x 2.90”
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
CASEUDIES15: Plastic die case for U style dies
Hold 15 die sets. Dies sold separately.
PT10054094: Canvas carry bag (included with tool)

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

Variations:

Y750BHXT Standard Remote C-Head tool
Remote Operated Crimper
12 Ton, C-Head

12 Ton, Remote C-Head
Remote Operated Hydraulic Tool

Tool Series: Y35BH

- 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:

Y35BH  Standard Remote C-Head tool
Y35H  Y35BH head, PT294021 universal hot stick adapter, and steel carrying case
Y35BH4  Permanent molded rubber head, 3/16” rubber for tool impact protection

Accessories:

PT29413: Carry Case (included with tool)

See Hydraulic Pumps and Hydraulic Hoses; Pump Accessories for other necessary equipment.
11 Ton, Remote C-Head, Dieless
Remote Operated Hydraulic Tool

Tool Series: Y444SBH

- New C-Head style for easy access and increased flexibility
- Dieless system with range taking capability
- Qualified on both UL and ANSI connections

For Use On:

Copper #4 - 1000 kcmil Code & Flex
  Terminals: YA-L, YA-2LN, YA, YA-2N, YA-L-2TC, YAB-4N, YA-L-TC, YA-2L, YA-4N, YAV, YAZ, YA-L-FX, YA-FXB, YBA, YAG
  Splices: YS-L, YS, YS-T

Copper #4 - 1000 kcmil Code; #2 - 777 kcmil Flex
  HYPLUG™: YE-P, YE-P-FX, YE-V-P-FX

Aluminum #4 - 1000 kcmil
  Terminals: YA-A, YA-A-TN
  Splices: YS-A
  HYPLUG™: AYP, AYO

ACSR, AAC, AAAC, ACAR #4 AWG - 556.6 kcmil
  Splices: YDS-RL, YDS-RLNI

Cable Pulling Heads: YCP-L
  #6 AWG - 1000 kcmil (copper & aluminum)

See Expanded Range details in Reference Section

Specifications:

- Output Force: 11 Tons
- Tool Weight: 10.6 lbs
- Size: 13.33" x 4.75" x 2.92"
- Die Style: Dieless
- Operating Pressure: 10,000 PSI
- Warranty: 5 year limited warranty

Accessories:

PT10054094 Canvas carry bag (included with tool)

Variations:

Y444SBH Tool with male couplers
Y444SBHF Tool with female couplers

Connections are UL Listed to UL 486A-486B on Copper and Aluminum terminals and splices

Comply with ANSI C119.4 on YDS-RL and YDS-RLNI Splices (ACSR, AAC, AAAC, ACAR)

Qualified for use on YCP-L Compression Pulling Heads
4-POINT® 6 Ton, Remote Latch Head, Dieless
Remote Operated Hydraulic Tool

Tool: Y81KFTMBH

- 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 - 646 kcmil Flex
- 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:
- Output Force: 6 Tons
- Tool Weight: 8.5 lbs
- Size: 13.88" x 5.38" x 2.00"
- Die Style: Dieless
- Operating Pressure: 10,000 PSI
- Warranty: 5 year limited warranty

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

See Hydraulic Pumps and Hydraulic Hoses; Pump Accessories for other necessary equipment.
4-POINT® 6 Ton, Remote C-Head, Dieless
Remote Operated Hydraulic Tool

**Tool:**  Y4PC834MBH

- 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)

*1.06” barrel diameter maximum for splices due to jaw opening

**See Expanded Range details in Reference Section**

**Specifications:**

- **Output Force:** 6 Tons
- **Tool Weight:** 8.4 lbs
- **Size:** 5.50” x 4.00” x 2.00”
- **Die Style:** Dieless
- **Operating Pressure:** 10,000 PSI
- **Warranty:** 5 year limited warranty

**Variations:**

Y4PC834MBH  Standard 4-POINT® Dieless Remote C-Head tool

**Accessories:**

PT10054094: Canvas carry bag (included with tool)

**See Hydraulic Pumps and Hydraulic Hoses; Pump Accessories for other necessary equipment.**
Remote Operated Crimper
9 Ton, C-Head

9 Ton, Remote Latch Head
Remote Operated Hydraulic Tool

Tool Series: Y34BH

- 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

Specifications:

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
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<tbody>
<tr>
<td>Output Force</td>
<td>9 Tons</td>
</tr>
<tr>
<td>Tool Weight</td>
<td>8.0 lbs</td>
</tr>
<tr>
<td>Size</td>
<td>16.75” x 3.00” x 3.00”</td>
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<tr>
<td>Die Style</td>
<td>B style nest &amp; Y34 series indenter dies</td>
</tr>
<tr>
<td>Jaw Opening</td>
<td>1.5”</td>
</tr>
<tr>
<td>Operating Pressure</td>
<td>10,000 PSI</td>
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<tr>
<td>Warranty</td>
<td>5 year limited warranty</td>
</tr>
</tbody>
</table>

Variations:

- Y34BH 9-Ton Remote C-Head tool
- Y34BH1 Y34BH with 10’ non-conductive hose attached at factory

Installation Die Charts for Y34BH

<table>
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<tr>
<th>Copper Conductor</th>
<th>Installation Die</th>
<th>Max. Conductor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nest</td>
<td>Indenter</td>
<td></td>
</tr>
<tr>
<td>B4CD</td>
<td>Y34PR</td>
<td>#4 Str.</td>
</tr>
<tr>
<td>B2CD</td>
<td>Y34PR</td>
<td>#2 Str.</td>
</tr>
<tr>
<td>B1CD</td>
<td>Y34PR</td>
<td>#1 Str.</td>
</tr>
<tr>
<td>B25D</td>
<td>Y34PR</td>
<td>1/0 Str.</td>
</tr>
<tr>
<td>B26D</td>
<td>Y34PR</td>
<td>2/0 Str.</td>
</tr>
<tr>
<td>B27D</td>
<td>Y34PR</td>
<td>3/0 Str.</td>
</tr>
<tr>
<td>B28D</td>
<td>Y34PR</td>
<td>4/0 Str.</td>
</tr>
<tr>
<td>B29D</td>
<td>Y34PR</td>
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<tr>
<td>B30D</td>
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<td>B31D</td>
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<td>No Die Req’d</td>
<td>Y34PR</td>
<td>500 kcmil</td>
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<table>
<thead>
<tr>
<th>Aluminum Conductor</th>
<th>Installation Die</th>
<th>Max. Conductor</th>
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<tbody>
<tr>
<td>Nest</td>
<td>Indenter</td>
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<tr>
<td>B4CD</td>
<td>Y34PA</td>
<td>#6 Str.</td>
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<tr>
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<td>Y34PA</td>
<td>#4 Str.</td>
</tr>
<tr>
<td>B25D</td>
<td>Y34PA</td>
<td>#2 Str.</td>
</tr>
<tr>
<td>B26D</td>
<td>Y34PR5</td>
<td>#1 Str.</td>
</tr>
<tr>
<td>B27D</td>
<td>Y34PR5</td>
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</tr>
<tr>
<td>B29D</td>
<td>Y34PR5</td>
<td>2/0 Str.</td>
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<tr>
<td>B30D</td>
<td>Y34PR5</td>
<td>3/0 Str.</td>
</tr>
<tr>
<td>B31D</td>
<td>Y34PR5</td>
<td>4/0 Str.</td>
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<tr>
<td>B32D</td>
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<tr>
<td>No Die Req’d</td>
<td>Y34PR11</td>
<td>300 kcmil</td>
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</tbody>
</table>

See Hydraulic Pumps and Hydraulic Hoses; Pump Accessories for other necessary equipment.
4.5 Ton, 6,000 PSI, Remote C-Head
Remote Operated Hydraulic Tool

Tool: Y29BH

- 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

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

Variations:

Y29BH 4.5-Ton, 6,000 PSI, Remote C-Head Tool

Accessories:

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

PT30250 metal carrying case (included with tool)
Plier Hand Tools; #22-10 AWG
Y10D for Nylon/Bare; Y1022 for Nylon/Vinyl/Bare

Y10D for Nylon & Bare
Hand-held plier tool for #22 - #10 AWG

Tool: Y10D

• 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

Tool: Y1022

• 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

#22 - #10 AWG Nylon Insulated Splices
  Types: SN, YSE-HN*, SNM, YSES, YSE-H*

#22 - #10 AWG Bare Uninsulated Terminals

#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)

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

Specifications: (Y1022)

Size: 8.63" x 5.00" x .75"
Weight: 11 oz.
Warranty: 5 year limited warranty
Dieless, Front Load, for Ferrules
Full cycle ratchet tool for insulated / bare ferrules

Tool: YF2210FL

- 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:

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>7.75&quot; x 2.32 x 1.00&quot;</td>
</tr>
<tr>
<td>Die Style</td>
<td>Dieless</td>
</tr>
<tr>
<td>Weight</td>
<td>.82 lbs</td>
</tr>
<tr>
<td>Output Force</td>
<td>1,600 lbs</td>
</tr>
<tr>
<td>Warranty</td>
<td>5 year limited warranty</td>
</tr>
</tbody>
</table>

Close up of YF2210FL front load ratchet tool
Ratchet Tools for Ferrules
Tools covering from #32 AWG to 250 kcmil

Tool Series: YFTOOL

- Release mechanism
- Low handle force
- Ergonomic handle design
- Trapezoidal crimp profile unless noted
- For use on insulated or uninsulated ferrules

For Use On:

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

#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:

<table>
<thead>
<tr>
<th>Length</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>Varies from 1.02 to 1.80 lbs</td>
</tr>
<tr>
<td>Warranty</td>
<td>2 year limited warranty</td>
</tr>
</tbody>
</table>

Ratchet Tools for Ferrules
Tools covering from #32 AWG to 250 kcmil

For Use On:

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

#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:

<table>
<thead>
<tr>
<th>Length</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>Varies from 1.02 to 1.80 lbs</td>
</tr>
<tr>
<td>Warranty</td>
<td>2 year limited warranty</td>
</tr>
</tbody>
</table>
Full Cycle Ratchet Tool
Hand-held ratchet tool for #22 to #8 AWG

Tool: Y8MRB1

- 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:

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>1.2 lbs</td>
</tr>
<tr>
<td>Size</td>
<td>10.56” x 3.50” x 1.04”</td>
</tr>
<tr>
<td>Die Style</td>
<td>Permanent Dies</td>
</tr>
<tr>
<td>Warranty</td>
<td>5 year limited warranty</td>
</tr>
</tbody>
</table>

Accessories:

- PG3951: Inspection gauge for #18 groove
- PG3961: Inspection gauge for #14 groove
- PG3971: Inspection gauge for #10 groove
- PG3981: Inspection gauge for #8 groove
Fully Protected Ratchet Mechanism
Full Cycle Ratchet Tools for Critical Applications

Tool Series: MR8

- 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
- Light weight 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: #18 - #10 MIL-W-5086 Str.
YSE, YSE-H

MR8G96: #22 - #14
TP, BA

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

Specifications:

Size: 10.50" x 3.50" x 1.50"
Weight: 1.5 lbs
Die Style: Permanent Dies
Warranty: 5 year limited warranty
Ergonomic Full Cycle Ratchet Tool
For #22 to #10 AWG; Nylon/Vinyl and Bare

**Tool Series:** MRE1022

- 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

**MRE1022NV**

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

*Excludes #10 size

**Specifications:**

- **Weight:** 1.3 lbs
- **Size:** 10.50" x 3.00" x 1.00"
- **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
Full Cycle Ratchet Hand-held Tool
For #22 to #10 AWG Terminals/Splices

Tool Series: MR

- 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

*Conductor crimps only
**Excludes #10 Size

Specifications:

- Size: 8.88" x 6.00" x 2.50"
- Weight: 1.1 lbs
- Warranty: 5 year limited warranty

Accessories:

- MR15DIESETD1: MR15 interchangeable die set
- MR18DIESETD1: MR18 interchangeable die set
- MR20DIESETD1: MR20 interchangeable die set
**Tooling**

**Full Cycle Ratchet Hand-held Tool**  
For #9 to #4 AWG Bare Terminals/Splices

**Tool:** MR4C

- 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, YS-L

**Specifications:**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>11.75&quot; x 3.62&quot; x 1.00&quot;</td>
</tr>
<tr>
<td>Weight</td>
<td>2.3 lbs</td>
</tr>
<tr>
<td>Die Style</td>
<td>Permanent Dies</td>
</tr>
<tr>
<td>Warranty</td>
<td>5 year limited warranty</td>
</tr>
</tbody>
</table>

**Accessories:**

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

---

Full Cycle Ratchet Hand-held Tool  
For #9 to #4 AWG Bare Terminals/Splices
Rotating Die, Full Cycle Ratchet Tool
For #8 - #1 AWG Copper HYDENT™ Terminals/Splices and #14 - #4 Thin-Wall C-Taps

**Tooling**
1-800-387-6487 (Canada)
1-603-647-5299 (International)

**Rotating Die, Full Cycle Ratchet Tool**
For #8 to #1 AWG Copper HYDENT™ Terminals/Splices and #14 to #4 Thin-Wall C-Taps

**Tool Series:** Y1MRTC

- 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

**#14 - #4 AWG Thin Wall C-Taps**
YC10L12, YC8L12, YC6L12, YC4L12

<table>
<thead>
<tr>
<th>Copper Terminals &amp; Splices</th>
<th>Connector Catalog Types</th>
<th>Die Index # (Color)</th>
<th># Crimps per Barrel Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>#8 AWG Code &amp; Flex</td>
<td>YA8C-YS8C-</td>
<td>49 (Red)</td>
<td>Std 1, Long 2</td>
</tr>
<tr>
<td>#6 AWG Code</td>
<td>YA6C-YS6C-</td>
<td>7 (Blue)</td>
<td>Std 1, Long 2</td>
</tr>
<tr>
<td>#4 AWG Code &amp; Flex</td>
<td>YA4C-YS4C-</td>
<td>8 (Grey)</td>
<td>Std 2, Long 4</td>
</tr>
<tr>
<td>#3 AWG #2 Sol.</td>
<td>YA3C-YS3C-</td>
<td>9 (White)</td>
<td>Std 2, Long 4</td>
</tr>
<tr>
<td>#2 AWG Code</td>
<td>YA2C-YS2C-</td>
<td>10 (Brown)**</td>
<td>Std 2, Long 4</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Copper C-Tap Connectors</th>
<th>Catalog Number</th>
<th>Wire Size</th>
<th>Cu Str. AWG</th>
<th>Die Index # (Color)</th>
<th># of Crimps</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Run</td>
<td>Tap</td>
<td></td>
<td></td>
</tr>
<tr>
<td>YC10L12</td>
<td>14</td>
<td>16-14</td>
<td>49 (Red)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>12</td>
<td>16-14</td>
<td>16</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>10</td>
<td>12</td>
<td>7 (Blue)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>YC8L12</td>
<td>10</td>
<td>10-8</td>
<td>8</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>8</td>
<td>12-10</td>
<td>8</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>YC6L12</td>
<td>8</td>
<td>8-6</td>
<td>10</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>6</td>
<td>12-8</td>
<td>10 (Brown)</td>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>

**Variations:**

- Y1MRTC: Standard tool only
- 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

**Die Index 10/Brown and 11/Green use the same die wheel crimp groove.**
Ergonomic Full Cycle Ratchet Hand-held Tool
For #12 to #2 AWG; Stranded, Solid, Flex

Tool: Y122CMR

- 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)

<table>
<thead>
<tr>
<th>Copper Wire Size</th>
<th>Connector Catalog Types</th>
<th>Die Index # (Color Code)</th>
<th>Number of Crimps</th>
</tr>
</thead>
<tbody>
<tr>
<td>#10 - #12 AWG Sol. &amp; Str.</td>
<td>T10-, YAD10-, YAV10, YAZ10, YAZV10-</td>
<td>-- (Yellow)</td>
<td>1 N/A</td>
</tr>
<tr>
<td>#8 AWG Code &amp; Flex</td>
<td>YA8C-, YAV8C-, YAZ8C, YAZV8C-, YS8C, YSV8C-</td>
<td>49 (Red)</td>
<td>1 2</td>
</tr>
<tr>
<td>#6 AWG Code &amp; Flex</td>
<td>YA6C-, YAZ6C, YS6C-</td>
<td>7 (Blue)</td>
<td>1 2</td>
</tr>
<tr>
<td>#4 AWG Code &amp; Flex</td>
<td>YA4C-, YAZ4C-, YS4C-</td>
<td>8 (Gray)</td>
<td>2 4</td>
</tr>
<tr>
<td>#3 AWG Code &amp; #2 AWG Sol</td>
<td>YA3C, YS3C</td>
<td>9 (White)</td>
<td>2 4</td>
</tr>
<tr>
<td>#2 AWG Code &amp; Flex</td>
<td>YA2C-, YAZ2C-, YS2C-</td>
<td>10 (Brown)</td>
<td>2 4</td>
</tr>
</tbody>
</table>

Accessories:

Die Inspection Gages are available and sold separately. See table to the right for information.

<table>
<thead>
<tr>
<th>Gage Catalog Number</th>
<th>AWG Size</th>
<th>Die Index</th>
<th>Color Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>PG4091</td>
<td>#10 - #12</td>
<td>--</td>
<td>Yellow</td>
</tr>
<tr>
<td>PG4092</td>
<td>#8</td>
<td>49</td>
<td>Red</td>
</tr>
<tr>
<td>PG4093</td>
<td>#6</td>
<td>7</td>
<td>Blue</td>
</tr>
<tr>
<td>PG4094</td>
<td>#4</td>
<td>8</td>
<td>Gray</td>
</tr>
<tr>
<td>PG4095</td>
<td>#3</td>
<td>9</td>
<td>White</td>
</tr>
<tr>
<td>PG4096</td>
<td>#2</td>
<td>10</td>
<td>Brown</td>
</tr>
</tbody>
</table>

Specifications:
Catalog Number: Y122CMR
Size: 10.38” x 3.00” x 1.00”
Weight: 1.3 lbs
Die Style: Rotating Die Wheel
Warranty: 5 year limited warranty
Y122CMR Tool with select connectors
For #12 to #2 AWG Stranded, Solid, Flex

Y122CMR Tools with select connectors
For #12 to #2 AWG Stranded, Solid, and Flex

Tool Series: Y122CMR Kits

- 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

Specifications:

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

Y122CMRKIT Contents: (all connectors are LONG Barrel)

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Description</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y122CMR</td>
<td>HYTOOL™ Full Cycle Ratchet Tool</td>
<td>1</td>
</tr>
<tr>
<td>Y1MRKITE</td>
<td>Metal Case for Tool and Connectors</td>
<td>1</td>
</tr>
<tr>
<td>YAV10T3</td>
<td>#10 Sol &amp; Str, 1/4&quot; Stud, 2 Holes</td>
<td>15</td>
</tr>
<tr>
<td>YAV10TCL</td>
<td>#10 Sol &amp; Str, 1/4&quot; Stud, 1 Hole</td>
<td>15</td>
</tr>
<tr>
<td>YAV102TC14</td>
<td>#10 AWG, 1/4&quot; Stud, 2 Holes</td>
<td>15</td>
</tr>
<tr>
<td>YA8BTC14</td>
<td>#8 AWG, 1/4&quot; Stud, 1 Hole</td>
<td>15</td>
</tr>
<tr>
<td>YAZ8C2TC38</td>
<td>#8 AWG, 3/8&quot; Stud, 2 Holes</td>
<td>15</td>
</tr>
<tr>
<td>YAZ6C2TC14</td>
<td>#6 AWG, 1/4&quot; Stud, 1 Hole</td>
<td>15</td>
</tr>
<tr>
<td>YAZ6C2TC38SL</td>
<td>#6 AWG, 3/8&quot; Stud, 2 Slotted Holes</td>
<td>15</td>
</tr>
<tr>
<td>YAZV6C2TC14FX</td>
<td>#6 Code &amp; Flex, 1/4&quot; Stud, 2 Holes</td>
<td>15</td>
</tr>
<tr>
<td>YAZ6C2TC38</td>
<td>#6 AWG, 3/8&quot; Stud, 2 Holes</td>
<td>15</td>
</tr>
<tr>
<td>YAZ4C2TC38</td>
<td>#4 AWG, 3/8&quot; Stud, 2 Holes</td>
<td>15</td>
</tr>
<tr>
<td>YAZ3C2TC14</td>
<td>#3 AWG, 1/4&quot; Stud, 2 Holes</td>
<td>15</td>
</tr>
<tr>
<td>YAZ3C2TC38SL</td>
<td>#3 AWG, 3/8&quot; Stud, 2 Slotted Holes</td>
<td>15</td>
</tr>
<tr>
<td>YAZ2C2TC38</td>
<td>#2 AWG, 3/8&quot; Stud, 2 Holes</td>
<td>15</td>
</tr>
<tr>
<td>YAZ2C2TC38SL</td>
<td>#2 AWG, 3/8&quot; Stud, 2 Slotted Holes</td>
<td>15</td>
</tr>
<tr>
<td>YAZV2C2TC14FX</td>
<td>#2 Code &amp; Flex, 1/4&quot; Stud, 2 Holes</td>
<td>15</td>
</tr>
<tr>
<td>Y122CMRSOMI</td>
<td>Safety Operating &amp; Maintenance Instructions</td>
<td>1</td>
</tr>
</tbody>
</table>

Y122CMRCIKIT Contents: (all connectors are STANDARD Barrel)

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Description</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y122CMR</td>
<td>HYTOOL™ Full Cycle Ratchet Tool</td>
<td>1</td>
</tr>
<tr>
<td>Y1MRKITE</td>
<td>Metal Case for Tool and Connectors</td>
<td>1</td>
</tr>
<tr>
<td>YAV10T3</td>
<td>#10 Sol &amp; Str, 1/4&quot; Stud, 1 Hole</td>
<td>15</td>
</tr>
<tr>
<td>YAV8C</td>
<td>#8 AWG, #10 Stud, 1 Hole</td>
<td>15</td>
</tr>
<tr>
<td>YAV8CL1</td>
<td>#8 AWG, 1/4&quot; Stud, 1 Hole</td>
<td>15</td>
</tr>
<tr>
<td>YAV6C2TC14FX</td>
<td>#6 Code &amp; Flex, 1/4&quot; Stud, 2 Holes</td>
<td>15</td>
</tr>
<tr>
<td>YAV6C2TC38</td>
<td>#6 AWG, 3/8&quot; Stud, 2 Holes</td>
<td>15</td>
</tr>
<tr>
<td>YAV4CL</td>
<td>#4 AWG, 1/4&quot; Stud, 1 Hole</td>
<td>15</td>
</tr>
<tr>
<td>YAV4CLTC516FX</td>
<td>#4 AWG &amp; Flex, 5/16&quot; Stud, 1 Hole</td>
<td>15</td>
</tr>
<tr>
<td>YAV2CL</td>
<td>#2 AWG, 5/16&quot; Stud, 1 Hole</td>
<td>15</td>
</tr>
<tr>
<td>YAV2CLTC516FX</td>
<td>#2 AWG &amp; Flex, 5/16&quot; Stud, 1 Hole</td>
<td>15</td>
</tr>
<tr>
<td>YSV10</td>
<td>#10 Sol &amp; Str Splice</td>
<td>15</td>
</tr>
<tr>
<td>YSV8C</td>
<td>#8 AWG Splice</td>
<td>15</td>
</tr>
<tr>
<td>YSV6C</td>
<td>#6 AWG Splice</td>
<td>15</td>
</tr>
<tr>
<td>YSV4C</td>
<td>#4 AWG Splice</td>
<td>15</td>
</tr>
<tr>
<td>YSV2C</td>
<td>#2 AWG Splice</td>
<td>15</td>
</tr>
<tr>
<td>Y122CMRSOMI</td>
<td>Safety Operating &amp; Maintenance Instructions</td>
<td>1</td>
</tr>
</tbody>
</table>

Accessories:

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

1-800-387-6487 (Canada)
1-603-647-5299 (International)
Full Cycle Ratchet Hand-held Tool
For #26 to #8 AWG Terminals/Splices

Tool: M8ND

- 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


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

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

M8ND shown with N8CT die set installed. (Dies sold separately.)
Mechanical Rotating Crimp Tool
For #8 to #4/0 AWG Uninsulated (Bare) Terminals/Splices

Tool Series:  MRC840

- 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:

Size: 26.00" x 8.00" x 1.50"
Weight: 8.3 lbs
Die Style: Rotating Die Wheel
Warranty: 5 year limited warranty
Mechanical Compression Tool, Dieless
#8 Str. to 250 kcmil Copper; #8 Str. to 4/0 Str. Aluminum

Tool Series: MY28 / MY29

- 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

MY286
#8 Str. - 2/0 Str. Copper aircraft cable (flexible)
  Types (Copper): Nylon Insulated: YAE-L, YAEV-RS, YAEV-H, YAEV-RH

Specifications:

<table>
<thead>
<tr>
<th>Weight</th>
<th>8.0 lbs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>22.65” x 4.88” x 1.12”</td>
</tr>
<tr>
<td>Die Style</td>
<td>Dieless</td>
</tr>
<tr>
<td>Cycles</td>
<td>10,000</td>
</tr>
<tr>
<td>Warranty</td>
<td>5 year limited warranty</td>
</tr>
</tbody>
</table>

Accessories:

BMYBCHMT: Bench Mount Adapter

Close-up of dieless mechanism
Full Cycle Ratchet Tool, Dieless
Installs Service Entrance Splice Connectors #10 to 1/0 Str.

Tool: OH25

- 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 indentor

For Use On:

Conductor Range: #10 - 1/0 Str.

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 Str.

HYPLUG™ AYP Type #6 - 1/0 Str.

Specifications:

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Handle Force</td>
<td>50 lbs max.</td>
</tr>
<tr>
<td>Force Developed</td>
<td>6,000 lbs max.</td>
</tr>
<tr>
<td>Size</td>
<td>12.25” x 3.75” x 1.50”</td>
</tr>
<tr>
<td>Weight</td>
<td>2 lbs. 11 oz.</td>
</tr>
<tr>
<td>Die Style</td>
<td>Dieless</td>
</tr>
<tr>
<td>Warranty</td>
<td>5 year limited warranty</td>
</tr>
</tbody>
</table>

Accessories:

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

PT4583 Leather Holster
(sold separately; shown with OH25 tool)
POPPORE™ HYTOOL™ Full Cycle Ratchet
Overhead/Underground Applications

Tool: OUR840

- 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

Specifications:

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Handle Force</td>
<td>8 lbs max.</td>
</tr>
<tr>
<td>Force Developed</td>
<td>8,000 lbs max.</td>
</tr>
<tr>
<td>Die Style</td>
<td>W and X style dies</td>
</tr>
<tr>
<td>Size</td>
<td>13.00” x 3.75” x 1.50”</td>
</tr>
<tr>
<td>Weight</td>
<td>2 lbs. 14 oz.</td>
</tr>
<tr>
<td>Warranty</td>
<td>5 year limited warranty</td>
</tr>
</tbody>
</table>

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)

Copper Terminals & Splices

<table>
<thead>
<tr>
<th>Copper Wire Size</th>
<th>Connector Catalog Types</th>
<th>Die</th>
<th>Die Index # (Color)</th>
<th># Crimps per Barrel Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>#8 AWG Str.</td>
<td>YA / YS 8C-</td>
<td>X8CRT 49 (Red)</td>
<td>1 2</td>
<td></td>
</tr>
<tr>
<td>#6 AWG Str.</td>
<td>YA / YS 6C-</td>
<td>X6CRT 37 (Blue)</td>
<td>1 2</td>
<td></td>
</tr>
<tr>
<td>#5 AWG Str.</td>
<td>YA / YS 5C-</td>
<td>X5CRT 39 (Gray)</td>
<td>1 2</td>
<td></td>
</tr>
<tr>
<td>#4 AWG Str.</td>
<td>YA / YS 4C-</td>
<td>X4CRT 47 (Black)</td>
<td>1 2</td>
<td></td>
</tr>
<tr>
<td>#2 AWG Str.</td>
<td>YA / YS 2C-</td>
<td>X2CRT 47 (Brown)</td>
<td>1 2</td>
<td></td>
</tr>
<tr>
<td>#1 AWG Str.</td>
<td>YA / YS 1C-</td>
<td>X1CRT 47 (Green)</td>
<td>1 2</td>
<td></td>
</tr>
<tr>
<td>1/0 AWG Str.</td>
<td>YA / YS 25-</td>
<td>X25RT 47 (Pink)</td>
<td>1 2</td>
<td></td>
</tr>
<tr>
<td>2/0 AWG Str.</td>
<td>YA / YS 26-</td>
<td>X26RT 47 (White)</td>
<td>1 2</td>
<td></td>
</tr>
<tr>
<td>3/0 AWG Str.</td>
<td>YA / YS 27-</td>
<td>X27RT 47 (Yellow)</td>
<td>1 2</td>
<td></td>
</tr>
<tr>
<td>4/0 AWG Str.</td>
<td>YA / YS 28-</td>
<td>X28RT 47 (Orange)</td>
<td>1 2</td>
<td></td>
</tr>
<tr>
<td>250 kcmil</td>
<td>YA / YS 29-</td>
<td>X29RT 47 (Purple)</td>
<td>1 2</td>
<td></td>
</tr>
</tbody>
</table>

Aluminum Terminals & Splices

<table>
<thead>
<tr>
<th>Aluminum Wire Size</th>
<th>Connector Catalog Types</th>
<th>Die</th>
<th>Die Index # (Color)</th>
<th># Crimps</th>
</tr>
</thead>
<tbody>
<tr>
<td>#8 AWG Str.</td>
<td>YA / YS 8CA-</td>
<td>X8CART 374 (Blue)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>#6 AWG Str.</td>
<td>YA / YS 6CA-</td>
<td>X6CART 346 (Gray)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>#4 AWG Str.</td>
<td>YA / YS 4CA-</td>
<td>X4CART 375 (Green)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>#2 AWG Str.</td>
<td>YA / YS 2CA-</td>
<td>X2CART 348 (Pink)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>#1 AWG Str.</td>
<td>YA / YS 1CA-</td>
<td>X1CART 471 (Gold)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>1/0 AWG Str.</td>
<td>YA / YS 25A-</td>
<td>X25ART 296 (Tan)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>2/0 AWG Str.</td>
<td>YA / YS 26A-</td>
<td>X26ART 297 (Olive)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>3/0 AWG Str.</td>
<td>YA / YS 27A-</td>
<td>X27ART 467 (Ruby)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>4/0 AWG Str.</td>
<td>YA / YS 28A-</td>
<td>X28ART 298 (White)</td>
<td>6</td>
<td></td>
</tr>
</tbody>
</table>
HYTOOL™ Hand-Operated Crimper
Installs full range of connectors #14 AWG to 500 kcmil

Tooling
1-800-387-6487 (Canada)
1-603-647-5299 (International)

HYTOOL™ Hand-Operated Crimper
Installs full range of connectors #14 AWG to 500 kcmil

Tool Series: MD6

- Uses W & X style 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

Specifications:
- Crimp Force: 4.5 Tons
- Life Cycle: Tested over 90,000 cycles with no adjustments or part replacement
- Length: 25.50" x 4.50" x 2.00"
- Weight: 6.0 lbs
- Die Style: W and X styles
- Warranty: 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 MD6, MD64, MD614

WO:
- Common die set for MD6, MD612

KWADP:
- Adapter to use BURNDY W and X dies with MD6K variation

WDIETREE:
- W die holder for 6 die sets
HYTOOL™ Hand-Operated Crimper
Installs full range of connectors #14 AWG - 500 kcmil

Tool Series: MD7

- Uses W & X style 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)

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

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

Accessories:
- WBG: Common die set for MD78
- WO: Common die set for MD7, MD76
- WDIETREE: W die holder for 6 die sets
POSI-PRESS™ Hand-Operated Crimper
Hand-operated Full Cycle Ratchet Tool

Tool Series: MD7 Ratchet

- Full stroke ratchet mechanism
- Ergonomical one-piece composite polymer handles
- Uses W & X style dies

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

Copper Battery Lugs #8 - 350 kcmil Flex
Type: YAG-TC-LD

Thin Wall C-Taps #12 - 3/0 AWG
Type: YC-L

Variations:

MD734R: POSI-PRESS™ Full Cycle Ratchet Tool
MD734RC: MD734R tool with EPDM rubber covering
MD734RKIT1: MD734R tool, metal carrying case and all dies for #8 - 500 kcmil copper HYDENT™ and C-Taps for #12 - 3/0 AWG
MD734: Supplied without the ratchet mechanism
MD734KIT1: 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:

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crimp Force</td>
<td>4.5 Tons</td>
</tr>
<tr>
<td>Length</td>
<td>26.00&quot; x 4.50&quot; x 2.00&quot;</td>
</tr>
<tr>
<td>Width</td>
<td>8.00&quot; at handles; 4.50&quot; at jaws</td>
</tr>
<tr>
<td>Die Style</td>
<td>W and X styles</td>
</tr>
<tr>
<td>Handle Material</td>
<td>Reinforced composite polymer</td>
</tr>
<tr>
<td>Warranty</td>
<td>5 year limited warranty</td>
</tr>
</tbody>
</table>

Accessories:

PT49521: Metal carry case (sold separately)
PT4925: Canvas bag (sold separately)
WDIETREE: W die holder for 6 sets of dies (sold separately)
OEM Pneumatic Press
Installs #8 to 4/0 AWG

Tool Series: OEM840NCP

- 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)

Variations:

OEM840NCP OEM Pneumatic Press (press only*)
*Requires U / UM or W Die Holder Assembly for use. Sold separately, see below.

Accessories:
PT50024685: U / UM Die Holder Assembly (sold separately)
PT50024683: W Die Holder Assembly (sold separately)
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

<table>
<thead>
<tr>
<th>Wire Size</th>
<th>YAD-M Connectors*</th>
<th>YA and YA-L Connectors</th>
<th>YAV and YAV-L Connectors</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Indenter</td>
<td>Nest</td>
<td>Copper</td>
</tr>
<tr>
<td>#8 AWG</td>
<td>UMA</td>
<td>UM8CN</td>
<td>U8CRT</td>
</tr>
<tr>
<td>#6 AWG</td>
<td>UMB</td>
<td>UM6CN</td>
<td>U6CRT</td>
</tr>
<tr>
<td>#4 AWG</td>
<td>UMB</td>
<td>UM4CN</td>
<td>U4CRT</td>
</tr>
<tr>
<td>#2 AWG</td>
<td>UMB</td>
<td>UM2CN</td>
<td>U2CRT</td>
</tr>
<tr>
<td>2/0 AWG</td>
<td>UMC</td>
<td>UM26N</td>
<td>U26RT*</td>
</tr>
<tr>
<td>3/0 AWG</td>
<td>UMC</td>
<td>UM27N</td>
<td>U27RT*</td>
</tr>
<tr>
<td>4/0 AWG</td>
<td>UMC</td>
<td>UM28N</td>
<td>U28RT*</td>
</tr>
</tbody>
</table>

* Not UL Listed

*UM Nest/Indenter
*UM Crimped Terminal
### Tooling

**60 Ton Dies**

*HPS/Fargo-Equivalent; CD Index, Circumferential Profile*

---

**BURNDY Die Catalog Number**

<table>
<thead>
<tr>
<th>BURNDY Die Catalog Number</th>
<th>Conductor Code Name</th>
<th>Conductor Size</th>
<th>Typical HPS/Fargo Connectors</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>UNI-GRIP® Splice</td>
</tr>
<tr>
<td>07CD60</td>
<td>Peony</td>
<td>300.0 AAC</td>
<td>C150707</td>
</tr>
<tr>
<td></td>
<td>Tulip</td>
<td>336.4 AAC</td>
<td>C150707</td>
</tr>
<tr>
<td></td>
<td>Daffodil</td>
<td>350.0 AAC</td>
<td>C150707</td>
</tr>
<tr>
<td></td>
<td>no name (0.595-0.680 dia.)</td>
<td>281.4-312.8 AAAC</td>
<td>AB150707</td>
</tr>
<tr>
<td></td>
<td>Owl</td>
<td>266.8 ACSR 6/7 Str.</td>
<td>A150709</td>
</tr>
<tr>
<td></td>
<td>Partridge</td>
<td>266.8 ACSR 26/7 Str.</td>
<td>A150710</td>
</tr>
<tr>
<td>08CD60</td>
<td>Canna</td>
<td>397.5 AAC</td>
<td>C150808</td>
</tr>
<tr>
<td></td>
<td>Four-O’Clock</td>
<td>400.0 AAC</td>
<td>C150808</td>
</tr>
<tr>
<td></td>
<td>no name (0.68-0.765 dia.)</td>
<td>394.5-419.6 AAAC</td>
<td>AB150808</td>
</tr>
<tr>
<td></td>
<td>Ostrich</td>
<td>300.0 ACSR 26/7 Str.</td>
<td>A150811</td>
</tr>
<tr>
<td></td>
<td>Merlin</td>
<td>336.4 ACSR 18/1 Str.</td>
<td>A150812</td>
</tr>
<tr>
<td></td>
<td>Linnet</td>
<td>336.4 ACSR 26/7 Str.</td>
<td>A150813</td>
</tr>
<tr>
<td></td>
<td>Chickadee</td>
<td>397.5 ACSR 18/1 Str.</td>
<td>A150815</td>
</tr>
<tr>
<td>09CD60</td>
<td>Goldentuft</td>
<td>450.0 AAC</td>
<td>C150909</td>
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<td></td>
<td>Yarrow</td>
<td>450.0 AAC</td>
<td>C150909</td>
</tr>
<tr>
<td></td>
<td>Cosmos</td>
<td>477.0 AAC</td>
<td>C150909</td>
</tr>
<tr>
<td></td>
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HPS/Fargo-Equivalent; CD Index, Circumferential (Continued)

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### BURNDY Die Catalog Numbers

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

Bottom: Fargo splice requiring 12CD die index.
### Two Die Sets Required (sold separately)

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<thead>
<tr>
<th>BURNDY Catalog # Aluminum Die</th>
<th>BURNDY Catalog # Steel Die</th>
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<td>336.4 ACSR 18/1 Str.</td>
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<td>TJA1502, SEDA1502</td>
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### Tooling

#### 60 Ton Dies

**HPS/Fargo-Equivalent Dies**  
**SH Index, Hexagonal**  
**AH Index, Hexagonal**

(Continued)

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<tr>
<th>Two Die Sets Required (sold separately)</th>
<th>BURNDY Catalog # Aluminum Die</th>
<th>BURNDY Catalog # Steel Die</th>
<th>Conductor Code Name</th>
<th>Conductor Size</th>
<th>Typical HPS/Fargo Connectors</th>
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<td>TJA5718 SEDA5718</td>
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</table>

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

Left: Fargo splice requiring 30AH die index.

www.burndy.com
1-800-346-4175 (US)
12 Ton U Dies
For 35 and 750 Tool Series; 46 Series with PUADP1 Adapter

12 Ton U Dies*
For 35 and 750 Tool Series;
46 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.

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

Note: N/A = not applicable

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<tr>
<th>Wire Size</th>
<th>Copper</th>
<th>Copper Wide Die**</th>
<th>Aluminum</th>
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<td>U8CRT</td>
<td>U8CRTW</td>
<td>U8CABT</td>
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<td>#6 AWG</td>
<td>U5CRT</td>
<td>U5CRTW</td>
<td>U6CABT</td>
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<td>U4CRT</td>
<td>U4CRTW</td>
<td>U4CABT</td>
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<td>U1CRT1W</td>
<td>U1CART</td>
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<td>U25RTW</td>
<td>U25ART</td>
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<td>U26RTW</td>
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CASEUDIES15 die box is available (sold separately) holding up to 15 “U” style (standard or wide) die sets; dies not included.
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.

Note: N/A = not applicable

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<td>U26ART</td>
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<td>U32ART</td>
</tr>
<tr>
<td>500 kcmil</td>
<td>U34RT</td>
<td></td>
<td>U34ART</td>
</tr>
<tr>
<td>600 kcmil</td>
<td>U36RT</td>
<td></td>
<td>U36ART</td>
</tr>
<tr>
<td>750 kcmil</td>
<td>U39RT</td>
<td></td>
<td>U39ART2</td>
</tr>
<tr>
<td>Die Case</td>
<td>CASEUDIES15</td>
<td>CASEUDIES15</td>
<td>CASEUDIES15</td>
</tr>
</tbody>
</table>

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 CASEUDIES8 die case.
UM-Style Dies
For OEM840NCP up to 4/0;
35 and 750 Tool Series;
46 Series with PUADP1 Adapter

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
plastic die case.

### UM-Style Dies
For OEM840NCP up to 4/0;
35 and 750 Tool Series;
46 Series with PUADP1 Adapter

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

* Not UL Listed

**UMDIEKIT Contents**

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>UMA</td>
<td>Indenter #8 AWG</td>
<td>1</td>
</tr>
<tr>
<td>UMB</td>
<td>Indenter #6, #4, #2 AWG</td>
<td>1</td>
</tr>
<tr>
<td>UMC</td>
<td>Indenter 1/0-4/0</td>
<td>1</td>
</tr>
<tr>
<td>UM8CN</td>
<td>Nest #8 AWG</td>
<td>1</td>
</tr>
<tr>
<td>UM6CN</td>
<td>Nest #6 AWG</td>
<td>1</td>
</tr>
<tr>
<td>UM4CN</td>
<td>Nest #4 AWG</td>
<td>1</td>
</tr>
<tr>
<td>UM2CN</td>
<td>Nest #2 AWG</td>
<td>1</td>
</tr>
<tr>
<td>UM25N</td>
<td>Nest 1/0 AWG</td>
<td>1</td>
</tr>
<tr>
<td>UM26N</td>
<td>Nest 2/0 AWG</td>
<td>1</td>
</tr>
<tr>
<td>UM27N</td>
<td>Nest 3/0 AWG</td>
<td>1</td>
</tr>
<tr>
<td>UM28N</td>
<td>Nest 4/0 AWG</td>
<td>1</td>
</tr>
<tr>
<td>CASEUDIES15</td>
<td>UM Die Kit Case</td>
<td>1</td>
</tr>
</tbody>
</table>
**W Dies**

For MD/PATMD, 500, and 600 Tool Series

* These sizes (250 - 500) are not recommended for use with MD6 & MD7 Series tools due to high handle force.
** For PAT600 and Y500CTHS only.
*** Use of W249 will not produce a UL Listed connection.

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

<table>
<thead>
<tr>
<th>Wire Size</th>
<th>Copper (-VT)</th>
<th>Copper (-RT)</th>
<th>Aluminum</th>
</tr>
</thead>
<tbody>
<tr>
<td>#8 AWG</td>
<td>W8CVT</td>
<td>W8CRT</td>
<td>X8CART</td>
</tr>
<tr>
<td>#6 AWG</td>
<td>W5CVT</td>
<td>W5CRT</td>
<td>W161</td>
</tr>
<tr>
<td>#4 AWG</td>
<td>W4CVT</td>
<td>W4CRT</td>
<td>W162</td>
</tr>
<tr>
<td>#3 AWG</td>
<td>N/A</td>
<td>W3CRT</td>
<td>N/A</td>
</tr>
<tr>
<td>#2 AWG</td>
<td>W2CVT</td>
<td>W2CRT</td>
<td>W239</td>
</tr>
<tr>
<td>#1 AWG</td>
<td>W1CVT</td>
<td>W1CRT1</td>
<td>W163</td>
</tr>
<tr>
<td>1/0 AWG</td>
<td>W25VT</td>
<td>W25RT</td>
<td>W241</td>
</tr>
<tr>
<td>2/0 AWG</td>
<td>W26VT</td>
<td>W26RT</td>
<td>W245</td>
</tr>
<tr>
<td>3/0 AWG</td>
<td>W27VT</td>
<td>W27RT</td>
<td>W166</td>
</tr>
<tr>
<td>4/0 AWG</td>
<td>W28VT</td>
<td>W28RT</td>
<td>W6660</td>
</tr>
<tr>
<td>250 kcmil</td>
<td>W29VT*</td>
<td>W29RT*</td>
<td>W249***</td>
</tr>
<tr>
<td>300 kcmil</td>
<td>W30VT*</td>
<td>W30RT*</td>
<td>N/A</td>
</tr>
<tr>
<td>350 kcmil</td>
<td>W31VT*</td>
<td>W31RT*</td>
<td>W31ART*</td>
</tr>
<tr>
<td>400 kcmil</td>
<td>W32VT*</td>
<td>W32RT*</td>
<td>N/A</td>
</tr>
<tr>
<td>450 kcmil</td>
<td>W33VT*</td>
<td>W33RT*</td>
<td>N/A</td>
</tr>
<tr>
<td>500 kcmil</td>
<td>W34VT*</td>
<td>W34RT*</td>
<td>N/A</td>
</tr>
<tr>
<td>600 kcmil</td>
<td>N/A</td>
<td>W36RT**</td>
<td>N/A</td>
</tr>
</tbody>
</table>

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)

**CASEW DIE**
die box available (sold separately); holds up to 12 “W” or “X” style die sets (dies not included)

**WDIETREE** available (sold separately); holds up to 6 “W” style die sets (dies not included)
**W Die Kits**
For MD/PATMD, 500, and 600 Tool Series

* These sizes (250 - 500) are not recommended for use with MD6 & MD7 Series tools due to high handle force.

** Use of W249 will not produce a UL Listed connection.

Note: N/A = not applicable

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

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

CASEWDIES
included with die kits:
also sold separately
(dies not included)
BURNDY® maintains and operates one of the largest connector laboratories in the electrical industry. BURNDY is certified to participate in the UL Client Test Data Program. This in-house testing capability ensures that each and every BURNDY® engineered tool, die and connector combination has met the criteria needed for ANSI and UL Listing.
**PATRIOT® 11 Ton, Scissor Action**
Copper and Aluminum up to 4.00" O.D.
Hydraulic Self-Contained, 18V Lithium-Ion

**Tool Series:** PATCUT4

- Extra wide jaw opening
- Scissor action cutting jaws
- 35° head rotation
- Multi-position assist handle
- Includes 2 batteries, charger, lanyard, polymer carrying case
- **EP Enhanced Power** — tools accept 2.0, 3.0, 4.0, 5.0, and 6.0Ah Makita batteries

**For Use On:**

**Maximum Cutting Capacity:**

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

**Variations:**

- PATCUT4CUALLI with 3.0Ah battery
- PATCUT4L5 with 5.0Ah battery
- PATCUT4CUAL with multi-position assist handle

**Specifications:**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Output Force</td>
<td>11 Tons</td>
</tr>
<tr>
<td>Tool Weight</td>
<td>20.3 lbs</td>
</tr>
<tr>
<td>Size</td>
<td>24.31&quot; X 3.26&quot; X 15.33&quot;</td>
</tr>
<tr>
<td>Operating Voltage</td>
<td>18 V-DC Lithium-Ion</td>
</tr>
<tr>
<td>Recharge Time</td>
<td>30 minutes (3.0Ah)</td>
</tr>
<tr>
<td></td>
<td>45 minutes (5.0Ah)</td>
</tr>
<tr>
<td>Warranty</td>
<td>5 year limited warranty (excludes blades)</td>
</tr>
<tr>
<td></td>
<td>Lifetime warranty on INFINITY DRIVE®</td>
</tr>
<tr>
<td></td>
<td>3 year on batteries and charger</td>
</tr>
</tbody>
</table>

**Accessories:**

- BAT18VLI: 3.0Ah Li-ion battery
- BAT18V5AHLI: 5.0Ah Li-ion battery
- PATCHGRLI: 120V-AC Charger
- PATCHGRLIDC: 12/24V-DC Charger
- PT208620: Tool Retention Lanyard

See Important Notes page at start of Catalog.
**Battery Cutter**
**10 Ton, Latch Head**

**PATRIOT® 10 Ton, Latch Head**
ACSR up to 2156 kcmil
Hydraulic Self-Contained, 18V Lithium-Ion

**Tool Series:**  PATCUT2156

- 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
- **EP Enhanced Power** — tools accept 2.0, 3.0, 4.0, 5.0, and 6.0Ah Makita batteries

**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”

**Specifications:**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
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</thead>
<tbody>
<tr>
<td>Output Force</td>
<td>10 Tons</td>
</tr>
<tr>
<td>Tool Weight</td>
<td>15.5 lbs</td>
</tr>
<tr>
<td>Size</td>
<td>16.50” x 13.50” x 3.38”</td>
</tr>
<tr>
<td>Operating Voltage</td>
<td>18 V-DC Lithium-Ion</td>
</tr>
<tr>
<td>Recharge Time</td>
<td>30 minutes (3.0Ah)</td>
</tr>
<tr>
<td></td>
<td>45 minutes (5.0Ah)</td>
</tr>
<tr>
<td>Warranty</td>
<td>5 year limited warranty (excluding blades) Lifetime warranty on INFINITY DRIVE® 3 year on batteries and charger</td>
</tr>
</tbody>
</table>

**Accessories:**

- BAT18VL: 3.0Ah Li-Ion battery
- BAT18V5AHL: 5.0Ah Li-Ion battery
- PATCHGRLI: 120V-AC Charger
- PATCHGRLIDC: 12/24V-DC Charger
- PT208620: Lanyard
- CUT200BLMVBL: Replacement Moving Blade
- CUT200BLSTA: Replacement Fixed (Stationary) Blade

**See Important Notes page at start of Catalog.**

1-800-387-6487 (Canada)
1-603-647-5299 (International)
PATRIOT® 7 Ton, Latch Head
Copper/Aluminum up to 1.29” O.D.
Hydraulic Self-Contained, 18V Lithium-Ion

Tool Series: PATCUT129

- 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
- EP Enhanced Power — tools accept 2.0, 3.0, 4.0, 5.0, and 6.0Ah
  Makita batteries

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:

- Output Force: 7 Tons
- Tool Weight: 10.2 lbs
- Size: 14.50” x 13.50” x 3.50”
- Operating Voltage: 18V-DC Lithium-Ion
- Recharge Time: 30 minutes (3.0Ah)
  45 minutes (5.0Ah)
- Warranty: 5 year limited warranty (excluding blades)
  Lifetime warranty on INFINITY DRIVE®
  3 year on batteries and charger

Accessories:

- BAT18VL: 3.0Ah Li-Ion battery
- BAT18V5AHL: 5.0Ah Li-Ion battery
- PATCHGRL: 120V-AC Charger
- PATCHGRLDC: 12/24V-DC Charger
- PT208620: Lanyard
- PT10037388: Replacement Moving Blade
- PT10037384: Replacement Fixed Blade

See Important Notes page at start of Catalog.
Battery Cutter
6 Ton, Latch Head

PATRIOT® 6 Ton, Latch Head
Copper/Aluminum up to 2.45” O.D.
Hydraulic Self-Contained, 18V Lithium-Ion

Tool Series:  PATCUT245

- 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
- **EP Enhanced Power** — tools accept 2.0, 3.0, 4.0, 5.0, and 6.0Ah
  Makita batteries

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:

- PATCUT245LI: with 3.0Ah battery
- PATCUT245L5: with 5.0Ah battery

Specifications:

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
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</thead>
<tbody>
<tr>
<td>Output Force:</td>
<td>6 Tons</td>
</tr>
<tr>
<td>Tool Weight:</td>
<td>13.7 lbs</td>
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<tr>
<td>Size:</td>
<td>18.13” x 13.50” x 3.50”</td>
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<tr>
<td>Operating Voltage</td>
<td>18 V-DC Lithium-Ion</td>
</tr>
<tr>
<td>Recharge Time:</td>
<td>30 minutes (3.0Ah)</td>
</tr>
<tr>
<td></td>
<td>45 minutes (5.0Ah)</td>
</tr>
<tr>
<td>Warranty:</td>
<td>5 year limited warranty (excluding blades) Lifetime warranty on INFINITY DRIVE® 3 year on batteries and charger</td>
</tr>
</tbody>
</table>

Accessories:

- BAT18VL: 3.0Ah Li-Ion battery
- BAT18V5AL: 5.0Ah Li-Ion battery
- PATCHGRLI: 120V-AC Charger
- PATCHGRLIDC: 12/24V-DC Charger
- PT208620: Lanyard
- PT10038657: Replacement Moving Blade
- PT10040663: Replacement Fixed Blade

See Important Notes page at start of Catalog.
PATRIOT® 6 Ton, Scissor Action
Hydraulic Self-Contained, 18V Lithium-Ion

Tool Series: PAT500SJ CUT

- 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
- EP Enhanced Power — tools accept 2.0, 3.0, 4.0, 5.0, and 6.0Ah Makita batteries

For Use On:

Maximum Cutting Capacity:

- ACSR: 556 kcmil (26/7 Dove)
- AAC: 636 kcmil
- Copper: 350 kcmil soft drawn copper

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 (3.0Ah)
- 45 minutes (5.0Ah)
- Warranty: 5 year limited warranty
  Lifetime warranty on INFINITY DRIVE®
  3 year on batteries and charger

Variations:

- PAT500SJCUTLI with 3.0Ah battery
- PAT500SJCUTL5 with 5.0Ah battery

Interchangeable Jaw Assemblies:

- PATMD6LWJAW: Crimp jaw with BG and D3 grooves
- PATMD68LWJAW: Crimp jaw with O and D3 grooves
- PATMD66LWJAW: Crimp jaw with D3 groove only
- PATMDCUTLWJAW: Cutting jaw with ACSR blades
- PATMDCUTCLWJAW: Cutting jaw with CU/AL blades
- PATMDCUTGLWJAW: Cutting jaw with GUY blades

Accessories:

- BAT18VLI: 3.0Ah Li-Ion battery
- BAT18V5AHLI: 5.0Ah Li-Ion battery
- PATCHGRLI: 120V-AC Charger
- PATCHGRLIDC: 12/24V-DC Charger
- PATMD6JC: Jaw covers for PATMD6 and PATMD68 versions
- PATMD66JC: Jaw covers for PATMD66 snub-nose versions
- PT10074020: Wrist strap
- W28K: Cutter Dies (cuts 4-4/0 Cu, Al, ACSR)
- WDIETREE: W-die holder for 6 die sets

Crimp/Cut Kits:

- PAT500SJ66ICUTKIT1: Kit includes crimp head with BG & D3 grooves, cutter jaw with ACSR blades, 120V charger and 2 batteries (3.0Ah)
- PAT500SJ68ICUTKIT1: Kit includes crimp head with O & D3 grooves, cutter jaw with ACSR blades, 120V charger and 2 batteries (3.0Ah)

See Important Notes page at start of Catalog.
Battery Cutter
6 Ton, Scissor Action

Patriot® In-Line® 6 Ton, Scissor Action
Hydraulic Self-Contained, 18V Lithium-Ion

Tool Series: PATMDCUTLW

- Light weight, compact and ergonomic design
- Interchangeable scissor action crimping and cutting jaws
- Safety trigger lock and locking jaw tabs
- LED Worklight
- EP Enhanced Power — tools accept 2.0, 3.0, 4.0, 5.0, and 6.0Ah Makita batteries

<table>
<thead>
<tr>
<th>Cutting Capacities</th>
<th>ACSR (26/7)</th>
<th>Aluminum (AAC)</th>
<th>Copper (soft drawn)</th>
<th>Guy Wire (EHS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACSR Blade</td>
<td>556.6 kcmil</td>
<td>636 kcmil</td>
<td>350 kcmil</td>
<td>-</td>
</tr>
<tr>
<td>CU/AL Blade</td>
<td>-</td>
<td>636 kcmil</td>
<td>600 kcmil</td>
<td>-</td>
</tr>
<tr>
<td>GUY Blade</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>3/8&quot;</td>
</tr>
</tbody>
</table>

Variations:
- PATMDCUTLW: ACSR Cutting Jaw, 3.0Ah batteries, AC charger
- PATMDCUTLW5: ACSR Cutting Jaw, 5.0Ah batteries, AC charger
- PATMD6003A1: CU/AL Cutting Jaw, 3.0Ah batteries, AC charger
- PATMD60005A1: GUY Cutting Jaw, 5.0Ah batteries, AC charger

Standard Crimp/Cut Kits are available supplied with both crimping and cutting jaws. (See separate pages in Cutters Section.)

Customize a tool kit with up to 3 jaws and optional accessories. Contact Customer Service at 1-800-346-4175.

Interchangeable Jaw Assemblies:
- PATMDCUTLWJAW: Crimp jaw with BG and D3 grooves
- PATMDCUTLWJAWW: Crimp jaw with O and D3 grooves
- PATMDCUTLWJAWW: Crimp jaw with D3 groove only
- PATMDCUTLWJAW: Cutting jaw with ACSR blades
- PATMDCUTLWJAW: Cutting jaw with CU/AL blades
- PATMDCUTLWJAW: Cutting jaw with GUY blades

Specifications:
- Output Force: 6 Tons
- Tool Weight: 7.2 lbs
- Length: 19.25"
- Operating Voltage: 18 V-DC Lithium-Ion
- Recharge Time: 3.0Ah 30 minutes, 5.0Ah 45 minutes
- Warranty: 5 year limited warranty

Lifetime warranty on INFINITY DRIVE®
3 years on batteries and charger

Accessories:
- PATMDCUTACSRKIT: ACSR Replacement Blades (2 per kit)
- PATMDCUTCUALKIT: CU/AL Replacement Blades (2 per kit)
- PATMDCUTGUYKIT: GUY Replacement Blades (2 per kit)
- BAT18VLI: Hi-capacity Li Makita battery (3.0Ah)
- BAT18VS4HIL: Hi-capacity Li Makita battery (5.0Ah)
- PATCHGRL: 120V-AC Makita charger
- PATCHGRLDC: 12/24V-DC Makita charger
- W28K: Cutter Dies (cuts 4-4/0 CU, AL, ACSR)
- WDIETREE: W-die holder for 6 die sets
- CASEWIDIES: W-die case holder for 12 die sets
- TOOLBAGMDLI: Tool bag (included with tool)

See Important Notes page at start of Catalog.
Tooling

PATRIOT® 6 Ton, Scissor Action
Hydraulic Self-Contained, 18V Lithium-Ion

Tool Series: PATMD-LW ACSR Kits

- Light weight, compact and ergonomic design
- Interchangeable scissor action crimping and cutting jaws
- Safety trigger lock and locking jaw tabs
- LED Worklight
- **EP Enhanced Power** — tools accept 2.0, 3.0, 4.0, 5.0, and 6.0Ah Makita batteries

<table>
<thead>
<tr>
<th>Crimp Capacity</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Connector Type</td>
<td>Conductor Type</td>
<td>Range</td>
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<tr>
<td>Terminals &amp; Splices</td>
<td>Copper</td>
<td>#8 AWG - 500 kcmil</td>
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<tr>
<td>Terminals &amp; Splices</td>
<td>Flex Copper</td>
<td>#8 AWG - 350 kcmil</td>
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<tr>
<td>Terminals &amp; Splices</td>
<td>Aluminum (AAC)</td>
<td>#8 AWG - 350 kcmil</td>
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<tr>
<td>Full-Tension</td>
<td>ACSR</td>
<td>#10 - 4/0 AWG</td>
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<tr>
<td>Taps</td>
<td>Copper</td>
<td>#10 - 2/0 AWG</td>
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<tr>
<td>Taps</td>
<td>AAC or ACSR</td>
<td>#14 - 4/0 AWG</td>
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<tr>
<td>Stirrups</td>
<td>ACSR</td>
<td>#6 - 4/0 AWG</td>
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<table>
<thead>
<tr>
<th>ACSR Blade Cutting Capacity</th>
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<tbody>
<tr>
<td>Conductor Type</td>
<td>Maximum Size</td>
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<td>ACSR (26/7)</td>
<td>556.6 kcmil</td>
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<tr>
<td>Aluminum (AAC)</td>
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<tr>
<td>Copper</td>
<td>350 kcmil</td>
<td></td>
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</tbody>
</table>

**Variations**: all listed include AC Charger

- PATMD6LWWCJ: BG & D3, ACSR Cutter, 3.0Ah batteries
- PATMD6LW5WCJ: BG & D3, ACSR Cutter, 5.0Ah batteries
- PATMD68LW5WCJ: O & D3, ACSR Cutter, 5.0Ah batteries
- PATMD66LW5WCJ: D3 only, ACSR Cutter, 5.0Ah batteries

*Add DC suffix to catalog numbers for DC charger in place of AC charger.

**Interchangeable Jaw Assemblies**:

- PATMD6LWJAW: Crimp jaw with BG and D3 grooves
- PATMD68LWJAW: Crimp jaw with O and D3 grooves
- PATMD66LWJAW: Crimp jaw with D3 groove only
- PATMDCUTLWJAW: Cutting jaw with ACSR blades

**Specifications**:

- **Output Force**: 6 Tons
- **Tool Weight**: 6.7 lbs (crimper) & 7.2 lbs (cutter)
- **Length**:
  - PATMD6LW: 18.73”
  - PATMD68LW: 18.73”
  - PATMD66LW: 17.85”
  - PATMDCUTLW: 19.25”
- **Die Style**: W and X (with crimping jaws)
- **Operating Voltage**: 18V-DC Lithium-Ion
- **Recharge Time**:
  - 3.0Ah: 30 minutes
  - 5.0Ah: 45 minutes
- **Warranty**:
  - 5 year limited warranty
  - Lifetime warranty on INFINITY DRIVE®
  - 3 years on batteries and charger

**Accessories**:

- PATMDCUTACSRKIT: ACSR Replacement Blades (2 per kit)
- BAT18VLI: Hi-capacity Li Makita battery (3.0Ah)
- BAT18V5AHLI: Hi-capacity Li Makita battery (5.0Ah)
- PATCHGRLI: 120V-AC Makita charger
- PATCHGRLIDC: 12/24V-DC Makita charger
- W28K: Cutter Dies (cuts 4-4/0 CU, AL, ACSR)
- WDIETREE: W-die holder for 6 die sets
- CASEWIES: W-die case holder for 12 die sets
- TOOLBAGMDLI: Tool bag (included with tool)

*See Important Notes page at start of Catalog.*
PATRIOT® IN-LINE® 6 Ton, Scissor Action
Hydraulic Self-Contained, 18V Lithium-Ion

Tool Series: PATMD-LW CU/AL Kits

- Light weight, compact and ergonomic design
- Interchangeable scissor action crimping and cutting jaws
- Safety trigger lock and locking jaw tabs
- LED Worklight
- **EP Enhanced Power** — tools accept 2.0, 3.0, 4.0, 5.0, and 6.0Ah Makita batteries

### Crimp Capacity

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<thead>
<tr>
<th>Connector Type</th>
<th>Conductor Type</th>
<th>Range</th>
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<tbody>
<tr>
<td>Terminals &amp; Splices</td>
<td>Copper</td>
<td>#8 AWG - 500 kcmil</td>
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<tr>
<td>Terminals &amp; Splices</td>
<td>Flex Copper</td>
<td>#8 AWG - 350 kcmil</td>
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<tr>
<td>Terminals &amp; Splices</td>
<td>Aluminum (AAC)</td>
<td>#8 AWG - 350 kcmil</td>
</tr>
<tr>
<td>Full-Tension</td>
<td>ACSR</td>
<td>#10 - 4/0 AWG</td>
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<tr>
<td>Taps</td>
<td>Copper</td>
<td>#10 - 2/0 AWG</td>
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<tr>
<td>Taps</td>
<td>AAC or ACSR</td>
<td>#14 - 4/0 AWG</td>
</tr>
<tr>
<td>Stirrups</td>
<td>ACSR</td>
<td>#6 - 4/0 AWG</td>
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### CU/AL Blade Cutting Capacity

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<th>Conductor Type</th>
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<td>Copper - Soft Drawn</td>
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<tr>
<td>Aluminum (AAC)</td>
<td>636 kcmil</td>
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### Variations*

- all listed include AC Charger

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<tr>
<th>Catalog Number</th>
<th>Description</th>
<th>Battery</th>
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<tr>
<td>PATMD6LWWCCJ:</td>
<td>BG &amp; D3, CU/AL Cutter, 3.0Ah batteries</td>
<td>3.0Ah</td>
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<tr>
<td>PATMD6LWWWCCJ:</td>
<td>O &amp; D3, CU/AL Cutter, 3.0Ah batteries</td>
<td>3.0Ah</td>
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<td>PATMD6LWWCCJ:</td>
<td>D3 only, CU/AL Cutter, 3.0Ah batteries</td>
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<tr>
<td>PATMD6LW5WCCJ:</td>
<td>BG &amp; D3, CU/AL Cutter, 5.0Ah batteries</td>
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<tr>
<td>PATMD6LW5WCCJ:</td>
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<td>PATMD6LW5WCCJ:</td>
<td>D3 only, CU/AL Cutter, 5.0Ah batteries</td>
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</table>

*Add DC suffix to catalog numbers for DC charger in place of AC charger.

### Interchangeable Jaw Assemblies:

- PATMD6LWJAW: Crimp jaw with BG and D3 grooves
- PATMD6LWJAW: Crimp jaw with O and D3 grooves
- PATMD6LWJAW: Crimp jaw with D3 groove only
- PATMDCUTCLWJAW: Cutting jaw with CU/AL blades

### Specifications:

- **Output Force:** 6 Tons (crimper) & 7.2 lbs (cutter)
- **Tool Weight:** 6.7 lbs (crimper) & 7.2 lbs (cutter)
- **Length:**
  - PATMD6LW: 18.73”
  - PATMD68LW: 18.73”
  - PATMD66LW: 17.85”
  - PATMDCUTCLW: 19.25”
- **Die Style:** W and X (with crimping jaws)
- **Operating Voltage:** 18 V-DC Lithium-Ion
- **Recharge Time:**
  - 3.0Ah: 30 minutes
  - 5.0Ah: 45 minutes
- **Warranty:**
  - 5 year limited warranty
  - Lifetime warranty on INFINITY DRIVE®
  - 3 years on batteries and charger

### Accessories:

- PATMDCUTCUALKIT: CU/AL Replacement Blades (2 per kit)
- BAT18VLI: Hi-capacity Li Makita battery (3.0Ah)
- BAT18V5AHLI: Hi-capacity Li Makita battery (5.0Ah)
- PATCHGRLI: 120V-AC Makita charger
- PATCHGRLIDC: 12/24V-DC Makita charger
- W28K: Cutter Dies (cuts 4-4/0 CU, AL, ACSR)
- WDIETREE: W-die holder for 6 die sets
- CASEWDIES: W-die case holder for 12 die sets
- TOOLBAGMDLI: Tool bag (included with tool)

See Important Notes page at start of Catalog.
**PATRIOT® 6 Ton, Scissor Action**  
Hydraulic Self-Contained, 18V Lithium-Ion

**Tool Series:** PATMD-LW GUY Kits

- Light weight, compact and ergonomic design
- Interchangeable scissor action crimping and cutting jaws
- Safety trigger lock and locking jaw tabs
- LED Worklight
- **EP Enhanced Power** — tools accept 2.0, 3.0, 4.0, 5.0, and 6.0Ah Makita batteries

### Specifications:

- **Output Force:** 6 Tons
- **Tool Weight:** 6.7 lbs (crimper) & 7.2 lbs (cutter)
- **Length:**
  - PATMD66LW: 17.85”
  - PATMD60003A1: 19.25”
- **Die Style:** W and X (with crimping jaws)
- **Operating Voltage:** 18 V-DC Lithium-Ion
- **Recharge Time:**
  - 3.0Ah: 30 minutes
  - 5.0Ah: 45 minutes
- **Warranty:**
  - 5 year limited warranty
  - Lifetime warranty on INFINITY DRIVE®
  - 3 years on batteries and charger

### Accessories:

- **PATMDCUTGUYKIT:** GUY Replacement Blades (2 per kit)
- **BAT18VL:** Hi-capacity Li Makita battery (3.0Ah)
- **BAT18V5AHLI:** Hi-capacity Li Makita battery (5.0Ah)
- **PATCHGRLI:** 120V-AC Makita charger
- **PATCHGRLIDC:** 12/24V-DC Makita charger
- **W28K:** Cutter Dies (cuts 4-4/0 CU, AL, ACSR)
- **WDIETREE:** W-die holder for 6 die sets
- **CASEWDIES:** W-die case holder for 12 die sets
- **TOOLBAGMDLI:** Tool bag (included with tool)

### Variations*: all listed include AC Charger

- **PATMD16003A1:** BG & D3, GUY Cutter, 3.0Ah batteries
- **PATMD36003A1:** O & D3, GUY Cutter, 3.0Ah batteries
- **PATMD60003A1:** D3 only, GUY Cutter, 3.0Ah batteries
- **PATMD16005A1:** BG & D3, GUY Cutter, 5.0Ah batteries
- **PATMD36005A1:** O & D3, GUY Cutter, 5.0Ah batteries
- **PATMD60005A1:** D3 only, GUY Cutter, 5.0Ah batteries

*Change A to D in catalog numbers for DC charger in place of AC charger.

### Interchangeable Jaw Assemblies:

- **PATMDS6LWJAW:** Crimp jaw with BG and D3 grooves
- **PATMD68LWJAW:** Crimp jaw with O and D3 grooves
- **PATMD66LWJAW:** Crimp jaw with D3 groove only
- **PATMDCUTGLWJAW:** Cutting jaw with GUY blades

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See Important Notes page at start of Catalog.
**PATRIOT® 7.7 Ton, C-Head**  
Live Line, Hot Stick Cable Cutter  
Hydraulic Self-Contained, 18V Lithium-Ion

**Tool Series:** PATCUT954HS

- New C-Head design
- Durable cutting blades
- Assist handle to aid maneuvering the cutting head
- Pistol-style grip
- ASTM F711 Rated Pole for live line use
- Offered in two lengths: 94” and 82”
- Includes 2 batteries, charger, and case
- **EP Enhanced Power** — tools accept 2.0, 3.0, 4.0, 5.0, and 6.0Ah Makita batteries

**For Use On:**

**Maximum Cutting Capacity:**

- **ACSR:** up to 954 kcmil
- **Aluminum (AAC):** up to 795 kcmil
- **Copper (soft drawn):** up to 795 kcmil

**Variations:**

- PATCUT954HS82LI: 82” pole, 3.0Ah 18V Li, AC charger
- PATCUT954HS82L5: 82” pole, 5.0Ah 18V Li, AC charger
- PATCUT954HS82LCB: 82” pole, no batteries or charger
- PATCUT954HS94LI: 94” pole, 3.0Ah 18V Li, AC charger
- PATCUT954HS94L5: 94” pole, 5.0Ah 18V Li, AC charger
- PATCUT954HS94LCB: 94” pole, no batteries or charger

**Specifications:**

- **Output Force:** 7.7 Tons
- **Tool Weight:** 19 lbs
- **Size:** 95.5” x 16.7” x 3.5”
- **Operating Voltage:** 18 V-DC Lithium-Ion
- **Recharge Time:**
  - 3.0Ah: 30 minutes
  - 5.0Ah: 45 minutes
- **Warranty:**
  - 5 year limited warranty (excluding blades)
  - Lifetime warranty on INFINITY DRIVE®
  - 3 years on batteries and charger

**Accessories:**

- BAT18VLI: Hi-capacity Li Makita battery (3.0Ah)
- BAT18V5AHLI: Hi-capacity Li Makita battery (5.0Ah)
- PATCHGRLI: 120V-AC Makita charger
- PATCHGRLIDC: 12/24V-DC Makita charger
- BLMVBL954KIT: Replacement Moving Blade with hardware
- BLFIXED954KIT: Replacement Fixed Blade with hardware

See Important Notes page at start of Catalog.
PATRIOT® IN-LINE®, Scissor Action
Hydraulic Self-Contained, 18V Lithium-Ion, 98"

Tool: PATMDCUT98LLIF

- Fixed, non-interchangeable head for increased rigidity and control
- ASTM F711 Rated Pole for live line use
- Rocker trigger design for controlled actuation of the tool
- Safety lock to prevent accidental operation
- ACSR Blades come standard
- Includes two 3.0Ah batteries and charger
- EP Enhanced Power — tools accept 2.0, 3.0, 4.0, 5.0, and 6.0Ah Makita batteries

Specifications:

- Cutting Force: 6 Tons
- Operating Voltage: 18 V-DC Lithium-Ion
- Recharge Time: 30 minutes
- Weight: 14.2 lb (6.4 kg)
- Length: 98 in. (248.9 cm)
- Warranty: 5 year limited warranty (excludes blades and pole)
  Lifetime warranty on INFINITY DRIVE®
  3 year on batteries and charger

For Use On:

Maximum Cutting Capacity:

- ACSR (26/7): 556 kcmil
- Aluminum (AAC): up to 636 kcmil
- Copper (soft drawn): up to 350 kcmil

Variations:

- PATMDCUT98LLIF: Cutter jaw with ACSR Blades, 98” F711 Pole, 3.0Ah Batteries

Accessories:

- PATMDCUTACSRKIT: ACSR Replacement Blades
- BAT18VL: Hi-capacity LI battery (3.0Ah)
- BAT18V5AHLI: Hi-capacity LI battery (5.0Ah)
- PATCHGRLI: 120V-AC Charger
- PATCHGRLIDC: 12/24V-DC Charger

See Important Notes page at start of Catalog.
### Specifications:

- **Output Force:** 6 Tons
- **Operating Voltage:** 18 V-DC Lithium-Ion
- **Recharge Time:** 30 minutes
- **Warranty:**
  - 5 year limited warranty (excludes blades and pole)
  - Lifetime warranty on INFINITY DRIVE®
  - 3 year on batteries and charger

### For Use On:

**Maximum Cutting Capacity:**

- **ACSR (26/7):** 556 kcmil
- **Aluminum (AAC):** up to 636 kcmil
- **Copper (soft drawn):** up to 350 kcmil

### Variations:

- **PATMD682ALLIF**
  - Cutter jaw; 82” F711 Pole
- **PATMD6882ALLIF**
  - Crimp Jaws (O & D3); 82” F711 Pole
- **PATMD6682ALLIF**
  - Crimp Jaws (D3 only); 82” F711 Pole

### Kits with Tool, Crimping and Cutting Jaws, Pole:

- **PATMD682ALLIFWCJ**
  - Kit includes crimp head with BG & D3 grooves, cutter jaw, 120V charger and 2 batteries
- **PATMD6882ALLIFWCJ**
  - Kit includes crimp head with O & D3 grooves, cutter jaw, 120V charger and 2 batteries
- **PATMD6682ALLIFWCJ**
  - Kit includes crimp head with D3 groove, cutter jaw, 120V charger and 2 batteries

### Accessories:

- **BAT18VL:** Hi-capacity Li battery (3.0 AH)
- **PATCHGRL:** 120V-AC Charger
- **PATCHGRLIDC:** 12/24V-DC Charger
- **WDIETREE:** W-die holder for 6 die sets

### Interchangeable Jaw Assemblies:

- **PATMDCUT82ALLIF** Crimp jaw with BG and D3 grooves
- **PATMD68LWJAW** Crimp jaw with O and D3 grooves
- **PATMDCUTLWJAW** Cutting jaw with ACSR blades
- **PATMDCUTGLWJAW** Cutting jaw with GUY blades

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See Important Notes page at start of Catalog.
PATRIOT® Battery Actuated
Cable Cutter for Copper & Aluminum
Mechanically Driven, 18V Lithium-Ion

Tool Series: PATCUT1500

- Variable speed trigger
- Forward/Reverse switch features a locking position
- Large, strategically placed, non-skid bumper
- LED Worklight
- Large, new cutting blade design
- Includes 1 battery, charger, and case
- EP Enhanced Power — tools accept 2.0, 3.0, 4.0, 5.0, and 6.0Ah Makita batteries

For Use On:

Aluminum: up to 1500 kcmil
Copper Flex: up to 1250 kcmil
Copper (soft drawn): up to 1000 kcmil
Copper (hard drawn): up to 750 kcmil

Do Not Cut Steel or ACSR

Specifications:

- Tool Weight: 8.1 lbs with battery
- Size: 15.5” x 6.0” x 4.38”
- Operating Voltage: 18 V-DC Lithium-Ion
- Recharge Time: 3.0Ah 30 minutes
- 5.0Ah 45 minutes
- Warranty: 3 year limited warranty (excluding blades) 3 years on battery and charger

Accessories:

- BAT18VLI: Hi-capacity Li Makita battery (3.0Ah)
- BAT18V5AHLI: Hi-capacity Li Makita battery (5.0Ah)
- PATCHGRLI: 120V-AC Makita charger
- PATCHGRLIDC: 12/24V-DC Makita charger
- CASEPATCUT1500: Polymer carrying case
- PT208620: Lanyard

See Important Notes page at start of Catalog.
Hand Operated, Latch Head
Hydraulic Self-Contained Hand Operated

Tool: YCUT129ACSR

- 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:

Output Force: 7 Tons
Weight: 11.4 lbs
Size: 22.50” x 6.63” x 2.50”
Warranty: 5 year limited warranty (excluding blades)

Accessories:

PT10024162: Carrying Case (included with tool)
PT10037388: Moving Blade
PT10037384: Fixed Blade

PT10024162 Hard Polymer Case for YCUT129ACSR
Remote Operated, Scissor Action
Cuts up to 4.00” Copper/Aluminum Cable

Tool: RHCC4CUAL

- 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”

 Specifications:

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
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<tbody>
<tr>
<td>Operating Pressure</td>
<td>10,000 PSI</td>
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<tr>
<td>Weight</td>
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<tr>
<td>Size</td>
<td>21.29” x 9.13” x 5.15”</td>
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<tr>
<td>Warranty</td>
<td>5 year limited warranty (excluding blades)</td>
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Accessories:

- **BAGCNVS5X9X24**: Canvas Bag (included with tool)
- **RHCC4CUALBLD**: Cutting Blade (one blade; 2 required)
- **RHCC4CUALGDEBLD**: Blade Guide

See Hydraulic Pumps and Hydraulic Hoses; Pump Accessories for other necessary equipment.
Remote Operated, Latch Head
Cuts up to 2156 kcmil ACSR

Tool Series: RHCC2156ACSR

- 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"

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)

Variations:

RHCC2156ACSR Standard RHCC2156ACSR remote cutter
RHCC2156ACSRF RHCC2156ACSR tool with female coupler

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.
Remote Operated, Latch Head
Cuts up to 1.29” Copper/Aluminum Cable

Tool: RHCC129ACSR

- 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:

- Operating Pressure: 10,000 PSI
- Weight: 6.2 lbs
- Size: 11.41” x 3.65” x 2.33”
- Warranty: 5 year limited warranty (excluding blades)

Accessories:

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

See Hydraulic Pumps and Hydraulic Hoses; Pump Accessories for other necessary equipment.
Remote Operated, Latch Head
Cuts up to 2.45” Copper/Aluminum Cable

Tool: RHCC245CUAL

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

For Use On:

Copper/Aluminum Cable: up to 2.45”

Specifications:

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
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<tbody>
<tr>
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<td>10,000 PSI</td>
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<td>Weight</td>
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<tr>
<td>Size</td>
<td>14.80” x 4.74” x 2.45”</td>
</tr>
<tr>
<td>Warranty</td>
<td>5 year limited warranty (excluding blades)</td>
</tr>
</tbody>
</table>

Accessories:

- PT10054094: Canvas Bag (included with tool)
- PT10038657: Moving Blade
- PT10040663: Fixed Blade
- RHCCCHSA: Hot Stick Adapter

See Hydraulic Pumps and Hydraulic Hoses; Pump Accessories for other necessary equipment.
Hand-held Stripper/Cutter Tools
For Cable Ties and #22 to #10 AWG

Tool:  
Y101300C (Cuts Cable Ties & Wire)  
Y101400SC (Strips & Cuts Wire)

- Patented guide allows the blades to slide behind ties/wires without nicking others in a bundle
- Strips insulation accurately and consistently (Y101400SC)
- Ergonomic handles reduce user fatigue
- Scissor action with auto spring and lock improves usability
- Alloy steel blades are heat treated for long life

For Use On:

Y101300C for Cutting Cable Ties & Wire

All 18 - 250 lb Cable Ties

#22 - 10 AWG Copper & Aluminum Wire

Y101400SC for Stripping and Cutting Wire

#22 - 10 AWG Insulated and Bare Copper & Aluminum Wire

Specifications: (Y101300C)

Size: 6.63\" x 2.34\" x 1.63\"
Weight: 0.30 lbs
Warranty: 5 year limited warranty

Specifications: (Y101400SC)

Size: 6.63\" x 2.34\" x 1.63\"
Weight: 0.30 lbs
Warranty: 5 year limited warranty
Manual Cable Cutters
For Copper/Aluminum Cable

Tool Series: MCC

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

For Use On and Variations:

MCC600  Copper & Aluminum up to 600 kcmil
        21" overall length
        1.31" max. insulation diameter
        3.5 lbs

MCC1000 Copper & Aluminum up to 1000 kcmil
       32" overall length
       1.90" max. insulation diameter
       9.0 lbs

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
**Tooling**

**Ratchet Cable Cutters**  
For Copper/Aluminum Cable

**Tool Series:**  
RCC Cu/Al

- Rugged, high quality steel cutting blades
- Excellent cutting edge performance
- Minimal cable distortion

**For Use On and Variations:**

<table>
<thead>
<tr>
<th>Model</th>
<th>Copper &amp; Aluminum Cable</th>
<th>Overall Length</th>
<th>Max. Insulation Diameter</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>RCC600E</td>
<td>600 kcmil</td>
<td>10.50”</td>
<td>1.05”</td>
<td>1.2 lbs</td>
</tr>
<tr>
<td>RCC750HD</td>
<td>750 kcmil</td>
<td>10.35”</td>
<td>1.62”</td>
<td>2.6 lbs</td>
</tr>
<tr>
<td>RCC1000</td>
<td>1000 kcmil</td>
<td>20.00”</td>
<td>2.38”</td>
<td>4.5 lbs</td>
</tr>
</tbody>
</table>

**Specifications (RCC600E):**

- **Weight:** 1.2 lbs
- **Length:** 10.50” x 3.50” x 1.25”
- **Max. Insulation Dia.:** 1.05”
- **Warranty:** 1 year limited warranty (excluding blades)

**Accessories:**

- RPC701302: Fixed Replacement Blade for RCC1000
- RPC701402: Moveable Replacement Blade for RCC1000
Ratchet Cable Cutters
For ACSR, Copper, & Aluminum

Tool Series: RCC Cu/Al/ACSR

- Quick release, bi-directional ratchet mechanism
- Rapid blade advance
- Easy cutting with minimal cable distortion

For Use On and Variations:

RCC954ACSR1K:
- Copper 1000 kcmil; Aluminum 1000 kcmil; ACSR 954 kcmil
- 22.75” overall length
- 1.38” max. insulation diameter
- 6.5 lbs

RCC556:
- Copper 500 kcmil; Aluminum 500 kcmil; ACSR 556 kcmil
- 21.00” overall length
- 1.25” max. insulation diameter
- 4.0 lbs

RCC336:
- Copper 350 kcmil; Aluminum 500 kcmil; ACSR 336 kcmil
- 10.5” overall length
- 0.74” max. insulation diameter
- 1.2 lbs

Specifications (RCC954ACSR1K):
- Weight: 6.5 lbs
- Size: 22.75” x 7.00” x 1.88”
- Max. Insulation Dia.: 1.38”
- Warranty: 1 year limited warranty (excluding blades)

Accessories:

RPC705501: Fixed Replacement Blade for RCC556
RPC705601: Moveable Replacement Blade for RCC556
RPC902101: Fixed Replacement Blade for RCC336
RPC902201: Moveable Replacement Blade for RCC336
Ratchet Wire Rope Cutters
For Mild and Stainless Steel

Tool Series: RWRC

- Hardened steel blades
- Rapid blade advance
- Reduced handle force compared to scissor or compound action designs

For Use On and Variations:

RWRC916:
- Mild Steel: 9/16” diameter
- Stainless Steel: 1/2” diameter
- 20” overall length
- 9/16” diameter
- 4.4 lbs

RWRC516:
- Mild Steel: 5/16” diameter
- Stainless Steel: 1/4” diameter
- 10” overall length
- 5/16” diameter
- 1.2 lbs

Specifications (RWRC916):

- Weight: 4.4 lbs
- Size: 20.00” x 9.00” x 2.00”
- Mild Steel Dia.: 9/16”
- Stainless Steel Dia.: 1/2”
- Warranty: 2 year limited warranty (excluding blades)

1/4” Dia. Wire Rope

Handle Force

4.4 lbs
**Electric Hydraulic Pump, 10,000 PSI**  
**Light Weight, Space Saving Design**

**Pump Series:** Y10AC9

- 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, Y750BHXT, Y750CBHXT, Y45, Y46LWSBH, Y46LWBH, Y60LW, Y4PC834MBH, Y444SBH, Y81KFTMBH, RHCC Series Cutters

**Variations:**

- Y10AC9: Electric hydraulic pump
- 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**

**Specifications:**

- **Weight:** 28.0 lbs (including oil)
- **Motor:** 115V-AC 50/60 Hz 5/8 HP, 10,000 RPM
- **Height:** 14.38"
- **Base:** 8.25" x 6.50"
- **Max. Current Draw:** 11 amp
- **Reservoir Volume:** 1.61 quarts
- **Warranty:** 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*
Electric Hydraulic Pump, 10,000 PSI
Light Weight, Long Service Life

Pump Series: EPP10

- Lightweight, small size
- 100,000+ life cycles
- Durable remote pendant switch

For Use With:

EPP10: 10,000 PSI electric pump
Used with: Y34BH, Y35BH, Y35BH4, Y750BHXT, Y750CBHXT, Y45, Y46LWSBH, Y46LWVBH, Y60LW, Y4PC834MBH, Y444SBH, Y81KFTMBH, RHCC Series Cutters

Specifications:

Motor: 115V-AC/60 Hz 1/2 HP @ 3450 RPM
Max. Current Draw: 12.5 amperes
Weight: 30.0 lbs
Base: 18.00” x 8.00” x 6.00”
Height: 16.00”
Reservoir Volume: 2 quarts
Warranty: 5 year limited warranty

Examples of some of the remote crimping and cutting heads for use with EPP10 pump

Accessories:

EPPCASE1: Steel carrying case with handle, locking latch
PT971: Pendant switch

See Hydraulic Hoses; Pump Accessories for Hose options

www.burndy.com
1-800-346-4175 (US)
Electric Hydraulic Pump, 10,000 PSI
Dual voltage/hertz, large reservoir

Pump Series: EP10

- 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,
Y750CBHX, Y45, Y46LWSBH,
Y46LWBH, Y60LW, Y4PC834MBH, Y444SBH,
Y81KFTMBH, RHCC Series Cutters

EP102: 10,000 PSI electric pump;
1/2 HP 220/230 V-AC; 50/60 cycle
Used with: Y34BH, Y35BH, Y35BH4, Y750BHXT,
Y750CBHX, Y45, Y46LWSBH,
Y46LWBH, Y60LW, Y4PC834MBH, Y444SBH,
Y81KFTMBH, RHCC Series Cutters

EP101HP: 10,000 PSI electric pump;
1 HP 115/230 V-AC; 60 cycle
Used with: Y34BH, Y35BH, Y35BH4, Y750BHXT,
Y750CBHX, Y45, Y46LWSBH,
Y46LWBH, Y60LW, Y4PC834MBH, Y444SBH,
Y81KFTMBH, RHCC Series Cutters

EP101HP2: 10,000 PSI electric pump;
1 HP 220/230 V-AC; 50/60 cycle
Used with: Y34BH, Y35BH, Y35BH4, Y750BHXT,
Y750CBHX, Y45, Y46LWSBH,
Y46LWBH, Y60LW, Y4PC834MBH, Y444SBH,
Y81KFTMBH, RHCC Series Cutters

Specifications:

Motor: 1/2 HP 115/230V-AC,
60 Cycle; 1/2 HP @ 3450 RPM
Max. Current Draw: 10 amperes
Reservoir Volume: 8 quarts max; 2 quarts min.
Height: 17.50”
Base: 11.75” x 18.50”
Dry Weight: 68.0 lbs (66.0 lbs with max. fluid)
Warranty: 5 year limited warranty

Accessories:

See Hydraulic Hoses; Pump Accessories for Hose options
Electric Hydraulic Pump, 10,000 PSI
Large 8 Quart Reservoir, Roll Cage

Pump Series: EPAC10

- Roll cage
- 3 position switch and control box
- Full automatic or manual “Jog and Hold” cycles
- Windows allow easy inspection of proper oil level

For Use With:

EPAC10: 10,000 PSI electric pump
Used with: Y34BH, Y35BH, Y35BH4, Y750BHXT, Y750CBHXT, Y45, Y46LWSBH, Y46LVWBH, Y60LW, Y4PC834MBH, Y444SBH, Y81KFTMBH, RHCC Series Cutters

Examples of some of the remote crimping and cutting heads for use with EPAC10 pump

Specifications:

Motor: 1/2 HP 115/230V-AC, 60 Cycle; 1/2 HP @ 3450 RPM
Max. Current Draw: 10 amperes
Reservoir Volume: 8 quarts max; 2 quarts min.
Height: 17.50”
Base: 11.75” x 18.50”
Dry Weight: 68.0 lbs (82.0 lbs with max. fluid)
Warranty: 5 year limited warranty

Accessories:

See Hydraulic Hoses; Pump Accessories for Hose options

Y60LW
Y81KFTMBH
RHCC129ACSR
Manual Hydraulic Pump, 10,000 PSI
Also Available in 6,000 PSI

**Pump Series:** HP10 and FP10

- 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:**

<table>
<thead>
<tr>
<th>HP10: 10,000 PSI hand pump</th>
<th>Used with: Y34BH, Y35BH, Y35BH4, Y750BHXT, Y750CBHXT, Y45, Y46LWSBH, Y46LWBH, Y60LW, Y4PC834MBH, Y444SBH, Y81KFTMBH, RHCC Series Cutters</th>
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</thead>
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<tr>
<td>FP10: 10,000 PSI foot pump</td>
<td>Used with: Y34BH, Y35BH, Y35BH4, Y750BHXT, Y750CBHXT, Y45, Y46LWSBH, Y46LWBH, Y60LW, Y4PC834MBH, Y444SBH, Y81KFTMBH, RHCC Series Cutters</td>
</tr>
<tr>
<td>FP6: 6,000 PSI foot pump</td>
<td>Used with: Y29BH</td>
</tr>
</tbody>
</table>

**Specifications:**

- **Weight:** 18.0 lbs
- **Size:** 24.75" x 6.75" x 3.00"
- **Height (open):** 20.00"
- **Reservoir Volume:** 1-1/8 quarts
- **Warranty:** 5 year limited warranty

**Accessories:**

**BP10PADKIT:** Extended leg pad stabilizers (includes hardware)

*See Hydraulic Hoses; Pump Accessories for Hose options*
**Tooling**

**Gasoline Driven Hydraulic Pump, 10,000 PSI**
Heavy Duty 4 Horse Power Gasoline Engine

**Pump:** GP10

- 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, Y45, Y46LWSBH, Y46LVWBH, Y60LW, Y4PC834MBH, Y444SBH, Y81KFTMBH, RHCC Series Cutters

**Examples of some of the remote crimping and cutting heads for use with GP10 pump**

**Specifications:**

- **Engine:** 4 H.P.; 4 Cycle
- **Weight:** 77.8 lbs (overall dry weight)
- **Size:** 21.00” x 22.25” x 16.00”
- **Reservoir Volume:** 8 quarts
- **Warranty:** 5 year limited warranty

**Accessories:**

See Hydraulic Hoses; Pump Accessories for Hose options
### 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

### 6,000 PSI Non Conductive Hoses

- Orange
- Stackable couplers (male/female)

#### Variations:
- PT2990210 10' length; 3/16" 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.
10,000 PSI Conductive Hoses

- 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 Hoses

- 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**
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

ALFLUID™ Hydraulic Fluid for Pumps

- AFLUIDQT is quart size; ALFLUIDGAL is gallon size
- All weather hydraulic fluid for BURNDY® pumps types HP hand pump, FP foot pump, GP gasoline pump, and EPP electric pump

PT93 (Female) and PT94 (Male)

- 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)

PT11018 In-Line Pressure Gauge for 10,000 PSI Hydraulic Pumps

- Pressure gauge for 10,000 PSI operating hydraulic pumps
**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
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

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

WDIETREE W Die Holder

- Innovative die holder as alternative to the standard die case
- Designed to hold up to 6 W dies
- Shown with die sets (not included)

CASEWDIES Compact Die Case

- Space for 12 W or X style dies (not included)
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

CASEUDIES15 Carry Case for U Dies

- Plastic case design for storage and protection of U dies
- Accommodates 15 die sets (standard or wide width U dies)
- Case is 11-1/4” x 7-1/2” x 3”
- Die sets sold separately
- CASEUDIES8 also offered, holds 8 die sets

HYFLUID™ Hydraulic Fluid for HYPRESS™ Tools

- HYFLUIDQT - quart size; HYFLUIDGAL - gallon size
- Hydraulic fluid for HYPRESS™ hand tools types Y35, Y352, Y750HSXT, and Y750CHSXT

Y35/Y39REPKITA Seal Repair Kit

- Seal repair kit for Y35 or Y39 (now discontinued) tools

Adjustable Head Grip for Hot Stick

PT294021 for Y35 and Y750 Remote Tools
PT10128 for Y46 Tool

- Adjustable head grip for joining HYPRESS™ heads to universal hot sticks

Steel Carrying Cases for Y35 and Y352

- PT2972 - steel carrying case for Y35 tool
- PT29360 - steel carrying case for Y352 tool
Force Test Gauges
For Battery Actuated and Self-Contained Hydraulic Tools Only

- Not recommended for remote powered heads*
- Easy to read dials
- Custom U die blanks with detent (12 & 15 ton tools)
- Custom ram puck and v-block gauge adapters (11 ton dieless tools)
- Comes complete with polymer carry case to protect blanks, adapters, and gauge; includes operating and maintenance manual.
- 1 year limited warranty

*see PT11018 in-line pressure gauge for 10,000 psi pumps

Variations:

FORCEGAUGE1215  For 12 & 15 ton tools

Use with: Y750HSXT, PAT750 Series, and PAT46 Series (with PUADP1 Adaptor)

Weight & Size:  2.7 lbs; 8.30” x 4.30” x 1.50”

PT292792  For 12 ton tools

Use with: Y35

Weight & Size:  2.7 lbs; 9.25” x 3.88” x 2.00”

FORCEGAUGE11  For 11 ton dieless tools

Use with: Y644HSXT, PAT644 Series, and PAT444S Series

Weight & Size:  2.7 lbs; 9.00” x 3.98” x 1.24”

FORCEGAUGE1215 with die blanks (included)

PT292792 with die blanks (included)

FORCEGAUGE11 (adapters not shown, included)
WIREMIKE™
Stainless Steel Wire Micrometer
Available in multiple formats

- Strong, durable, high quality
- Most formats:
  - Allows for use as both caliper and ruler
  - Measures I.D. and O.D. of tubing
  - Measures thin-wall and rigid conduit including IPS
  - Measures ACSR, stranded and solid commercial cables

WIREMIKE, WIREMIKED and RK1942 are 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”

WIREMIKECI is for use on:

Compression Connectors and Splices
(including Compression Grounding)
#18 to 2500 kcmil Copper Class B
#10 to 4/0 Solid Aluminum / Copper
#18 to 3500 kcmil Concentric Aluminum
#8 to 1100 kcmil Compact Aluminum
#14 to 1111 kcmil Copper DLO

Also used for reference only* for inspection of completed crimp when using Butting Copper or Aluminum Dies with the 750, 46, 35, or 39 series of tools.
Copper Dies U8CRT to U44XRT
Aluminum Dies U8CABT to U39ART-2

Variations:

WIREMIKE Stainless Steel, inch/fraction markings

WIREMIKECI Stainless Steel, no ruler capabilities but may be used for reference on specific completed crimps (see more detail to left for WIREMIKECI)

WIREMIKED Stainless Steel, decimal markings in place of fraction markings, same capabilities as catalog # WIREMIKE™

RK1942 Convenience packaging of WIREMIKE™ (with inch markings) in packaging suitable for hanging on a rack; sold in multiples of 10 only

*WIREMIKECI tool is to provide measurements for reference only, not to confirm the suitability of connection. Customer is responsible to independently verify suitability of connection.
Micro-Adjustable Professional Grade
Hand-Operated “Click-Type” Torque Wrenches

Tool Series: BTW

- 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-2004 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®, OKLIP™, VERSITAP™, SCRULUG™, Lay-In QIKLUG™, VARITAP™, VARILUG™, KA-U Universal Terminals, UNITAP™, POLYTAP™, BARTAP™, Type BIPC, Terminal Blocks, U-BLOK™, SPEC-BLOK™, VERSIPOLE™

Specifications:

Accuracy: ±4% clockwise; ±6% counter clockwise of indicated value clockwise, from 20% to 100% of full scale
Calibration: Traceable to N.I.S.T.
Warranty: 1 year limited warranty

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
BURNDY® tools are designed to withstand the diverse environments electrical workers face every day.
**WTB**

- WEJTAP™ patented tool body
- One piece assembly
- Installs WEJTAP™ and STIRRUP™ connectors #8 AWG - 1590 kcmil ACSR with applicable tool head

**WTBASY**

- WEJTAP™ ram replacement assembly

**WEJTAP™ Boosters**

- The WEJTAP™ System requires use of boosters for installation of connectors (red, blue, and yellow boosters match connectors)
- Boosters are available packaged with connectors and also sold separately

Red: WPBRNBOX25
Blue: WPBBNBOX25
Yellow: WPBYNBOX25

**WTHY1S**

- WEJTAP™ tool head
- Installs medium and large (yellow coded) connectors

**WTHRB1S**

- WEJTAP™ tool head
- Installs small and medium (red/blue coded) connectors

**WTOCBR and WTOCY**

- WEJTAP™ removal clip for red/blue connectors (WTOCBR) with WTHRBY1S tool head
- WEJTAP™ removal clip for yellow connectors (WTOCY) with WTHY1S tool head

**WTCK**

- WEJTAP™ tool cleaning/maintenance kit for use with type WTB tool body
- Comes in clear carrying bag
WEJTAP™ Accessories and 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

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<th>Component Kit Catalog No.</th>
<th>WTBNHS*</th>
<th>WTB</th>
<th>WTBGBW</th>
<th>WTHY1S</th>
<th>WTOCY</th>
<th>WTHRB1S</th>
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*Note: Non-hotstick power units do not contain features allowing activation with hotsticks; they are not upgradeable.*
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
Auger Bits
DOMINATOR for Treated Wood

DOMINATOR Auger Bits
For Treated Wood

Series: LPHTBIT

- Single Flute
- Hardened Steel Tip
- Aggressive lead screw
- Cuts hardest of woods with very fast drilling
- Self-feeding
- 100+ Holes

For Use On:

Treated Wood

<table>
<thead>
<tr>
<th>OAL</th>
<th>DIA</th>
<th>LPHTBIT Code</th>
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<td>9/16&quot;</td>
<td>LPHTBIT91618D</td>
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<td>18&quot;</td>
<td>5/8&quot;</td>
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<td>24&quot;</td>
<td>15/16&quot;</td>
<td>LPHTBIT151624D</td>
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ENFORCER® Hydraulic Impact Wrench
Variable Torque; 7/16” Quick Chuck

Tool Series: HIW-ENF

• 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:

HIW716ENFKIT2 Wrench, eyelet, flat face couplers
HIW716ENFKIT3 Wrench, flat face couplers
HIW716ENFTG Wrench, trigger guard
HIW716ENFTGKIT1 Wrench, trigger guard, flat face couplers

Specifications:

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
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<tr>
<td>Chuck Type:</td>
<td>7/16” Quick Change</td>
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<tr>
<td>Flow Range:</td>
<td>4-12 GPM</td>
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<td>Opt. Flow Range:</td>
<td>4-8 GPM</td>
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<tr>
<td>Weight:</td>
<td>6.0 lbs</td>
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<tr>
<td>Torque:</td>
<td>515 ft-lbs</td>
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<tr>
<td>Size:</td>
<td>9.00” x 7.75” x 3.12”</td>
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<td>Warranty:</td>
<td>5 year limited warranty</td>
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Accessories:

HIW716ENFTGKIT: Trigger guard assembly kit
LPHTADPMMOP66 SAE #6 to 3/8” NPT male-to-male adapter for use with couplers listed below (2 required)
LPHTHTMANOSE66 3/8” male coupler (flat face) with 3/8” NPT (female thread) (1 per tool; 2 per hose)
LPHTHTMABODY66 3/8” female coupler (flat face) with 3/8” NPT (female thread) (1 per tool; 2 per hose)
LPHTHOSNCR66668 3/8” X 8’ hose set
LPHTHOSNCR666610 3/8” X 10’ hose set
LPHTADPSMFOP66 SAE swivel adapter (2 required)

*(Recommended quantity for use with HIW716ENF)

See Low Pressure Hydraulic Accessories for additional options

See our line of DOMINATOR Auger Bits

HIW716ENFTGKIT1 Hydraulic Impact Wrench shown with trigger guard, adaptors and couplers

HYDRAULIC IMPACT WRENCH
Variable Torque; 7/16” Quick Chuck
MAG Series Hydraulic Impact Wrench
Machined Aluminum, Gerotor Design

Tool Series: HIW-MAG

- 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:

HIW716MAGKIT1 Wrench, flat face couplers
HIW716MAGKIT2 Wrench, swivels, 8’ NCR hose, flat face couplers
HIW716MAGKIT3 Wrench, swivels, 10’ NCR hose, flat face couplers
HIW716MAGKIT4 Wrench, flat face couplers, trigger guard
HIW716MAGKIT5 Wrench, flat face couplers, trigger guard, handle

See our line of DOMINATOR Auger Bits

Specifications:

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
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<tbody>
<tr>
<td>Chuck Type</td>
<td>7/16” Tri-ball quick chuck</td>
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<tr>
<td>Opt. Pressure</td>
<td>1,000 - 2,000 PSI</td>
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<tr>
<td>Flow Range</td>
<td>4 - 12 GPM</td>
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<tr>
<td>Opt. Flow Range</td>
<td>4 - 8 GPM</td>
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<tr>
<td>Weight</td>
<td>7.6 lbs</td>
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<tr>
<td>Torque</td>
<td>550 ft-lbs</td>
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<tr>
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<td>9.62” x 9.00” x 3.62”</td>
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<tr>
<td>Warranty</td>
<td>5 year limited warranty</td>
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</table>

Accessories:

LPHTADPMMT71612 7/16” quick chuck to 1/2” square drive adapter
LPHTADPMOMP66 SAE #6 to 3/8” NPT male-to-male adapter for use with couplers listed below *(2 required)*
LPHTHTMANOSE66 3/8” male coupler (flat face) with 3/8” NPT (female thread) *(1 per tool; 2 per hose)*
LPHTHTMABODY66 3/8” female coupler (flat face) with 3/8” NPT (female thread) *(1 per tool; 2 per hose)*
LPHTHOSNCR66668 3/8” X 8’ hose set
LPHTHOSNCR666610 3/8” X 10’ hose set
LPHTADPSMFOP66 SAE swivel adapter *(2 required)*

See Low Pressure Hydraulic Accessories for additional options
**KOMPRESSOR™ Remote Operated**

12 Ton Low Pressure Hydraulic Compression Tool

**Tool Series:** LPHY750

- 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

**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:**

- LPHTHOSNCR6668OP: Direct connect 8' non-conductive hose set
- LPHTHOSNCR666610OP: Direct connect 10' non-conductive hose set
- LPHTHOSNCR6666: "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

**Variations:**

- LPHY750XT: Standard KOMPRESSOR™ tool
- LPHY750CXT: LPHY750XT with molded rubber covering
- LPHY750K: LPHY750XT with KEARNEY head
Hydraulic Pole Saws
Light Weight, Low Pressure Hydraulic

Tool Series: HPS-LWMAG

- Light weight, narrow kerf OREGON® bar with anti-kickback
- Optimized limb hook and chip deflector
- Cartridge style valve
- 2-stage safety trigger, anti-kickback chain and anti-slip grip
- Fiberglass tube tested at final assembly with CHANCE® Hot Stick Tester Model CC403-3178 to the value specified as per OSHA 1910.269

Variations:

**HPS1375LWMAG**
- 75" overall length; 1.25" pole diameter;
- 13" cutting capacity;
- Weight: 8.75 lbs dry, 11 lbs with oil

**HPS1388LWMAG**
- 88" overall length; 1.25" pole diameter;
- 13" cutting capacity;
- Weight: 8.95 lbs dry, 11.2 lbs with oil

Specifications:

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<th>Flow:</th>
<th>4-8 GPM (16-30 LPM)</th>
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<tr>
<td>Pressure:</td>
<td>1000-2000 PSI (70-140 BAR)</td>
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<tr>
<td>Max. Back Pressure:</td>
<td>250 PSI (17 BAR)</td>
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<td>Operation:</td>
<td>Open/Closed Center</td>
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<tr>
<td>Motor:</td>
<td>Gear</td>
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<td>Chain:</td>
<td>.325&quot; pitch anti-kickback</td>
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<td>Tool Ports:</td>
<td>#6 SAE O-Ring</td>
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<td>Warranty:</td>
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Accessories:

See Low Pressure Hydraulic Accessories for additional options
# LPHT (Low Pressure Hydraulic Tool) Accessories

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<tr>
<th>Catalog Number</th>
<th>Description</th>
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<tr>
<td>LPHTADPM71612</td>
<td>7/16&quot; Quick chuck adaptor x 1/2&quot; square</td>
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<tr>
<td>LPHTADPMMP66</td>
<td>ADP Male/Male SAE #6, 3/8 NPT (2 required per tool)</td>
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<td>LPHT HOSES Red or Orange</td>
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<td>LPHTHOSNCR66610</td>
<td>Hose; Insulated, 10 foot; 3/8 NPT, 3/8 NPT</td>
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<td>LPHTHOSNCR6668</td>
<td>Hose; Insulated, 8 foot; 3/8 NPT, 3/8 NPT</td>
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<td>LPHTHOSNCR6668OP</td>
<td>Hose; Insulated, 8 foot, SAE #6, 3/8 NPT</td>
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<td>LPHTHOSNCR66610OP</td>
<td>Hose; Insulated, 10 foot, SAE #6, 3/8 NPT</td>
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<td>COUPLERS</td>
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<td>LPHTDRIPBODY66</td>
<td>Dripless body; 3/8 body, 3/8 NPT</td>
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<td>LPHTDRIPOSE66</td>
<td>Dripless nose; 3/8 nose, 3/8 NPT</td>
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<tr>
<td>LPC12S</td>
<td>3/8, 1/2 NPT Flush face coupler set (body &amp; nose)</td>
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<tr>
<td>LPHHTMADUSTCAPF</td>
<td>HTMA dust cap body</td>
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<tr>
<td>LPHHTMADUSTCAPM</td>
<td>HTMA dust cap nose</td>
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<td>LPHTSOC12112</td>
<td>Socket - 1/2” drive x 1-1/2”</td>
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<td>Socket - 1/2” drive x 1/2”</td>
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<td>Socket - 1/2” drive x 1-1/16”</td>
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<td>Socket - 1/2” drive x 3/4”</td>
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<td>LPHTSOC1258</td>
<td>Socket - 1/2” drive x 5/8”</td>
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<td>HIW12SOCSET</td>
<td>Socket set - 1/2” drive DP IMP 6 Point</td>
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**NOTE:**

*Only the most common accessories and sizes are shown. 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 page earlier in the catalog.
### Copper Conductor (Code & Compact)

<table>
<thead>
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<th>Wire Size</th>
<th>Expanded Range</th>
<th>Terminal</th>
<th>Splice</th>
<th># Crimps*</th>
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<th>Terminal</th>
<th>Splice</th>
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<td>YS6CL-</td>
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<td>YA6C-</td>
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<td>#6 - #2 AWG</td>
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<td>YS2CL-</td>
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<td>YS1CL-</td>
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<td>YS34-</td>
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<td>YS40L-</td>
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<td>700 kcmil</td>
<td>750 - 1000 kcmil</td>
<td>YA44L-</td>
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### Aluminum & Copper Conductor (Code & Compact)

<table>
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<th>Terminal</th>
<th>Splice</th>
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<tbody>
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<td>#8 AWG</td>
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<td>#6 AWG</td>
<td>YA6CA-</td>
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<td>#4 AWG</td>
<td>#6 - #4 AWG</td>
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<td>YS4CA-</td>
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</tr>
<tr>
<td>#2 AWG</td>
<td>#6 - #2 AWG</td>
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<td>YS2CA-</td>
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<td>YA26A-</td>
<td>YS26A-</td>
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### AYP/AYPO Connectors

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<th>Offset</th>
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<th># Crimps*</th>
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*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)

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<th>Wire Size</th>
<th>Expanded Range</th>
<th>Standard Barrel</th>
<th>Long Barrel</th>
<th>Copper Conductor (Flex Only)</th>
<th>E-Line Connectors</th>
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<td>YSV4CL-</td>
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<td>YAV4C-</td>
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<td>#6 - #2 AWG</td>
<td>YAV2CL-</td>
<td>YSV2CL-</td>
<td>1 #6 - #2 AWG</td>
<td>YAV2C-</td>
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<td>#4 - #1 AWG</td>
<td>YAV1CL-</td>
<td>YSV1CL-</td>
<td>1 #4 - #1 AWG</td>
<td>YAV1C-</td>
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<td>#4 - 1/0 AWG</td>
<td>YAV25L-</td>
<td>YSV25L-</td>
<td>1 #4 - 1/0 AWG</td>
<td>YAV25-</td>
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<td>#2 - 2/0 AWG</td>
<td>YAV26L-</td>
<td>YSV26L-</td>
<td>1 #2 - 2/0 AWG</td>
<td>YAV26-</td>
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<td>#1 - 3/0 AWG</td>
<td>YAV27L-</td>
<td>YSV27L-</td>
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<td>YAV27-</td>
</tr>
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<td>#10 - 4/0 AWG</td>
<td>YAV28L-</td>
<td>YSV28L-</td>
<td>1 #1 - 4/0 AWG</td>
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<td>3/0 AWG - 250 kcmil</td>
<td>YAV29L-</td>
<td>YSV29L-</td>
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<tr>
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<td>4/0 AWG - 313.1 kcmil</td>
<td>YAV32L-</td>
<td>YSV32L-</td>
<td>1 2/0 AWG - 313.1 kcmil</td>
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<tr>
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<td>262.2 - 373.7 kcmil</td>
<td>YAV34L-</td>
<td>YSV34L-</td>
<td>1 3/0 AWG - 373.7 kcmil</td>
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<tr>
<td>400 kcmil</td>
<td>373.7 - 444.4 kcmil</td>
<td>YAV36L-</td>
<td>YSV36L-</td>
<td>2 262.2 - 444.4 kcmil</td>
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<td>373.7 - 535.3 kcmil</td>
<td>YAV38L-</td>
<td>YSV38L-</td>
<td>1 373.7 - 535.3 kcmil</td>
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<td>YSV38L-</td>
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<td>YSV39L-</td>
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<td>2 444.4 - 646 kcmil</td>
<td>YAV40-</td>
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</tbody>
</table>

*Same number of recommended crimps for both Standard and Expanded wire ranges

Expanded conductor ranges shown are applicable when using the 4-POINT® Series of tools only.
(Continued from previous page)
The following connectors are range taking when crimped onto code conductor using the 644 & 444S Series of tools:

### COPPER

Copper HYLUG™ & HYLINK™ Connectors  
Types YA, YA-L, YAB, YS, YS-L, YST, YS-T, YSP-T

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Terminal*</th>
<th>Splice**</th>
<th>Standard Wire Size</th>
<th>Expanded Wire Range</th>
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<td>YA3C-</td>
<td>YS3C-</td>
<td>#3 AWG</td>
<td>#3 - #4 AWG</td>
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<td>YA2C-</td>
<td>YS2C-</td>
<td>#2 AWG</td>
<td>#2 - #4 AWG</td>
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<td>YS1C-</td>
<td>#1 AWG</td>
<td>#1 - #4 AWG</td>
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<td>YS25-</td>
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<td>1/0 - #4 AWG</td>
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<td>YS26-</td>
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<td>2/0 - #4 AWG</td>
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<td>3/0 - #2 AWG</td>
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* 1 Crimp  
** 1 Crimp per side

### ALUMINUM

Aluminum HYLUG™ & HYLINK™ Connectors  
Types YA-A & YS-A (Copper or Aluminum Conductor)

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<th>Splice**</th>
<th>Standard Wire Size</th>
<th>Expanded Wire Range</th>
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<td>YS2CA-</td>
<td>#2 AWG</td>
<td>#2 - #6 AWG</td>
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<td>YS1CA-</td>
<td>#1 AWG</td>
<td>#1 - #2 AWG</td>
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<td>YA25A-</td>
<td>YS25A-</td>
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<td>1/0 - #1 AWG</td>
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<td>YS26A-</td>
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<td>2/0 - #1 AWG</td>
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<td>YA27A-</td>
<td>YS27A-</td>
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<td>3/0 - #1 AWG</td>
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<td>YS28A-</td>
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* 1 Crimp  
** 1 Crimp per side  
† Not applicable for PAT644 Series or Y644HSXT.  
For use with only the 444S Series.

Expanded conductor ranges shown on this page are applicable when using the 644 & 444S Series of tools only.
**Die Index Reference**

This chart provides a cross reference between die index numbers marked on BURNDY® Compression Connectors and corresponding BURNDY® Die Sets used with the various BURNDY® Installation Tools.

This is the only way to have 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.

**Die Profiles**

- **U** = 35 and 750 Series, 46 Series w/PUADP1
- **D** = Y29BH
- **L** = 60 Series
- **N** = M8ND
- **P** = 46 Series
- **S** = Y45

**Tool Type: Use Chart I**

**Wire Size: Use Chart II**

**Die Style: Use Chart III**

**Chart I - Tool Type**

- **B** = Y34BH
- **D** = Y29BH
- **L** = 60 Series
- **N** = M8ND
- **P** = 46 Series
- **S** = Y45

**Chart II - Wire Size**

- **12** = #12 AWG
- **10** = #10 AWG
- **8C** = #8 AWG
- **6C** = #6 AWG
- **5C** = #5 AWG
- **4C** = #4 AWG
- **3C** = #3 AWG
- **2C** = #2 AWG
- **1C** = #1 AWG
- **25** = 1/0
- **26** = 2/0
- **27** = 3/0
- **28** = 4/0
- **29** = 250 kcmil
- **30** = 300 kcmil
- **31** = 350 kcmil
- **32** = 400 kcmil
- **34** = 500 kcmil
- **36** = 600 kcmil
- **39** = 750 kcmil
- **44** = 1000 kcmil

**Chart III - Die Style**

- **A** = Aluminum
- **R** = Round (circumferential)
- **T** = Twin Die (both halves)

Footnotes for the chart in the following pages:

- Cat. No. Y35P3 Adapter is required to use “Y34PR” type indenters with “U” type nest dies in 35 and 750 Series
- Cat. No. PT6515 Adapter is required to use “U” type dies in Y45
- Cat. No. PUADP1 Adapter is required to use “U” type dies in 46 Series
- These sizes (250 - 500 kcmil) are not recommended for use with MD6 & MD7 Series tools due to high handle force
- Hexagonal crimp
- Die 302 recommended for 1.84 O.D. barrel
### PRESENT INSTALLATION TOOL INDEX

<table>
<thead>
<tr>
<th>DIE</th>
<th>DIE INFORMATION</th>
<th>DIELESS TOOLS</th>
<th>INSTALLATION TOOLING USING DIES</th>
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| 9 96       | DIE SET WHITE   | W3CRT         | X3CRT          | U3CRT  | U3CRT  | U3CRT    | U3CRT    |
| 10 97      | DIE SET BROWN   | W2CRT         | X2CRT          | U2CRT  | U2CRT  | U2CRT    | U2CRT    |
| 11 98      | DIE SET GREEN   | W1CRT1        | X1CRT1         | U1CRT1 | U1CRT1 | U1CRT1   | U1CRT1   |
| 13 100     | DIE SET BLACK   | W26RT         | X26RT          | U26RT  | U26RT  | U26RT    | U26RT    |
| 14 101     | DIE SET ORANGE  | W27RT         | X27RT          | U27RT  | U27RT  | U27RT    | U27RT    |
| 15          | DIE SET PURPLE  | W28RT         | X28RT          | U28RT  | U28RT  | U28RT    | U28RT    |
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See Footnotes on 124
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See Footnotes on 124
THE POWER OF OUR PEOPLE
WE ARE WHERE YOU ARE,
WHEN YOU NEED US

CUSTOMER SERVICE (24/7/365)
U.S.-based BURNDY Customer Service Professionals provide live assistance. Our customers have access to on-call 24/7 emergency support and an emergency response team equipped to initiate deliveries immediately.

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BURNDY provides extended hours to service the West Coast. Live, New Hampshire-based BURNDY Customer Service Professionals answer your questions from 8 AM to 8 PM Eastern, Monday through Friday. BURNDY can also ship products to the West Coast until 7 PM Eastern.

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Call BURNDY 24/7/365 at 800-346-4175 and press 2 to reach our Storm Emergency & Power Failure mailbox.*

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2. Phone Number
3. Catalog Number and Quantity
4. Nature of your emergency

A message in the Storm Emergency & Power Failure mailbox will activate the BURNDY Response Team. Within an hour, you will receive a call back from a BURNDY Customer Service Representative. Simultaneously, a distribution center person will be contacted to arrange for the shipping of the products ordered.

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