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**Introduction**

**Installation Tools**

The BURNDY® Engineered System features the most complete line of installation tools in the electrical industry. Available in various styles: battery actuated, mechanical, full cycle ratchet, self contained hydraulic, remote controlled hydraulic, along with power actuated pumps, hoses and accessories. BURNDY has the options to suit your needs. BURNDY tools are designed to integrate with the complete line of BURNDY connectors. Whether you 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 603-444-6781).

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**

Prior to shipping a tool for repair, please contact the BURNDY Tool Center (1-800-426-8720; 603-444-6781) or an authorized repair center, to obtain a return authorization. An estimate of the repair costs will be sent for approval once the tool is received and inspected. No repair work will begin until written approval and PO are provided. All tools sent to the BURNDY Tool Center or an authorized repair center as a warranty claim must be accompanied by a proof of purchase such as a BURNDY invoice or invoice from any BURNDY distributor.

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

This warranty and repair policy supercedes all previous policies and is in effect as of April 1, 2024.

**Repair Policy**

All non-warranty repaired tools are completely reconditioned, at a maximum cost of 40% of a new tool, and receive a limited 1-year warranty.

If the decision is made not to repair, a handling charge of $25.00 will be applied plus return freight costs.
Important Notes; Battery; Battery Accessories

**IMPORTANT NOTES:**

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

**Notes for battery operated crimpers and cutters:**

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

Weights reflect “without battery”, bare tool only.

Contact Customer Service for further information:
- US: 1-800-346-4175
- Canada: 1-800-465-7051
- International: 1-603-647-5299

**Battery Tool Accessories:**

- **BAT18VLI:** 3.0Ah Li-Ion battery
- **BAT18V5AHLI:** 5.0Ah Li-Ion battery
- **PATCHGRLI:** 120V-AC Charger
- **PATCHGRLIDC:** 12/24V-DC Charger
- **PT208620:** Lanyard
- **PT10074020:** Wrist Strap for PATMD-LW
- **W28K (6-ton):** Cutter die, 4-4/0 CU/AL, ACSR
- **WDA8300 (6-ton):** Range taking die, #8-300 AL, #6-400 CU Str, and #2-4/0 CU Flex
- **WDC4500 (6 ton):** Range taking die, 4-500 CU Str. and #2-4/0 CU Flex
- **P15K (15-ton):** Cutter die, max. diameter 1.2”
- **PUADP1 (15-ton):** U-die Adapter
- **PATCASELI:** Polymer Carry Case
- **PATPROBAG:** Nylon Pro Bag
- **TOOLBAGMDLI:** Vinyl Utility Bag (for IN-LINE® tool)

**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.**
T3 Technology Battery Crimper 11 Ton, Dieless C-Head

PATRIOT® 11 Ton with T3 Technology
TRACK TRACE TRANSMIT

Tool Series: PAT444ST3

- TRACK crimp locations with onboard GPS - BURNDY® Exclusive!
- TRACE individual crimps with comments, photos, and output force validation
- TRANSMIT via Bluetooth® technology and sync data to the cloud
- C-Head style for easy access and increased flexibility
- Dieless System with range taking capability
- 355° Head rotation
- Bright LED Worklight and Red/Green LED to validate output force
- Improved ergonomic design with more balance and better grip to reduce user fatigue

For Use On:

Copper #4 - 1000 kcmil Code & Flex
- Terminals: YA-L, YA-2LN, YA, YA-2N, YA-L-2TC, YA-8-4N, YA-L-TC, YA-2L, YA-4N, YAV, YA2, YA-L-FX, YA-FXB, YAG
- Splices: YS-L, YS, YS-T

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

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

ACSR, AAC, AAAC, ACAR #4 AWG - 556.5 kcmil
- Splices: YDS-RL, YDS-RLNI

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

See Expanded Range details in Reference Section

Outputs:

- PAT444ST3U03A2 with 3.0Ah Li-Ion batteries, hard case
- PAT444ST3U05A2 with 5.0Ah Li-Ion batteries, hard case
- PAT444ST3U03A3 with 3.0Ah Li-Ion batteries, pro bag
- PAT444ST3U05A3 with 5.0Ah Li-Ion batteries, pro bag

Specifications:

- Output Force: 11 Tons
- Tool Weight: 15.20 lbs (without battery)
- Size: 16.90” x 14.95” x 3.25”
- Die Style: Dieless
- Operating Voltage: 18 V-DC Lithium-Ion (Accepts 2.0Ah-6.0Ah Makita)
- Recharge Time: 30 minutes (3.0Ah)
  45 minutes (5.0Ah)
- Warranty: 5 year limited warranty
  Lifetime warranty on INFINITY DRIVE®
- Kits Include: 2 batteries, charger, lanyard, and carrying case

Connections are UL Listed to UL 486A-486B on BURNDY® Copper and Aluminum Terminals and Splices

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

Qualified for use on YCP-L Compression Pulling Heads

Accessories:

- BATT8VLI: 3.0Ah Li-Ion battery
- BATT8V5AHLI: 5.0Ah Li-Ion battery
- PATCHGRLI: 120V-AC charger
- PATCHGRLIDC: 12/24V-DC charger
- PTZ0820: Lanyard
- FORCEGAUGE11: Force Test Gauge
- PATPROBAG: Nylon Pro Bag

"See Important Notes page at start of Tooling Section."
PATRIOT® 12 Ton with T3 Technology

TRACK TRACE TRANSMIT

Tool Series:  PAT750T3

- TRACK crimp locations with onboard GPS - BURNDY Exclusive!
- TRACE individual crimps with comments, photos, and output force validation
- TRANSMIT via Bluetooth® technology and sync data to the cloud
- C-head with 1.65” jaw opening and 355° head rotation
- Used with U dies (sold separately)
- Patented T-Track alignment guide for HYGROUND® as well as other asymmetrical connectors
- Bright LED Worklight and Red/Green LED to validate output force
- Improved ergonomic design with more balance and better grip to reduce user fatigue

For Use On:

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

Taps
- Copper  #4 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

Models:

PAT750T3U03A2  with 3.0Ah Li-Ion batteries, hard case
PAT750T3C03A2  with rubber covered head (3.0Ah), hard case
PAT750T3U05A2  with 5.0Ah Li-Ion batteries, hard case
PAT750T3C05A2  with rubber covered head (5.0Ah), hard case
PAT750T3U03A3  with 3.0Ah Li-Ion batteries, pro bag
PAT750T3C03A3  with rubber covered head (3.0Ah), pro bag
PAT750T3U05A3  with 5.0Ah Li-Ion batteries, pro bag
PAT750T3C05A3  with rubber covered head (5.0Ah), pro bag

Specifications:

Output Force:  12 Tons
Tool Weight:  14.85 lbs (without battery)
Size:  15.75" x 14.75" x 3.25"
Die Style:  U dies
Jaw Opening:  1.65”
Operating Voltage:  18 V-DC Lithium-Ion (Accepts 2.0Ah-6.0Ah Makita)
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
Kits Include:  2 batteries, charger, lanyard, and carrying case

Accessories:

BAT18VLI:  3.0Ah Li-Ion battery
BAT18V5AHLI:  5.0Ah Li-Ion battery
PATCHGRLI:  120V-AC charger
PATCHGRLIDC:  12/24V-DC charger
PT208620:  Lanyard
FORCEGAUGE1215:  Force Test Gauge
PATPROBAG:  Nylon Pro Bag

See Important Notes page at start of Tooling Section.
T3 Technology Battery Crimper 15 Ton, C-Head

PATRIOT® 15 Ton with T3 Technology

Tool Series: PAT46T3 C-Head

- **TRACK** crimp locations with onboard GPS - BURNDY Exclusive!
- **TRACE** individual crimps with comments, photos, and output force validation
- **TRANSMIT** via Bluetooth® technology and sync data to the cloud
- C-head with 2.00” jaw opening and 355° head rotation
- Used with P dies; U dies with PUADP1 Adapter (sold separately)
- Bright LED Worklight and Red/Green LED to validate output force
- Improved ergonomic design with more balance and better grip to reduce user fatigue

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; YAVE-L, YAVE-H, YAVE-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

Models:

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<tr>
<th>Models</th>
<th>Description</th>
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<tr>
<td>PAT46TSSU03A2</td>
<td>with 3.0Ah Li-ion batteries, hard case</td>
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<td>PAT46TSSU05A2</td>
<td>with 5.0Ah Li-ion batteries, hard case</td>
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<tr>
<td>PAT46TSSCO3A2</td>
<td>with rubber covered head (3.0Ah), hard case</td>
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<tr>
<td>PAT46TSSCO5A2</td>
<td>with rubber covered head (5.0Ah), hard case</td>
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<tr>
<td>PAT46TSSU03A3</td>
<td>with 3.0Ah Li-ion batteries, pro bag</td>
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<td>PAT46TSSCO3A3</td>
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Specifications:

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<td>Output Force</td>
<td>15 Tons</td>
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<tr>
<td>Tool Weight</td>
<td>18.15 lbs (without battery)</td>
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<tr>
<td>Size</td>
<td>18.44” x 14.13” x 3.26”</td>
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<tr>
<td>Die Style</td>
<td>P and U dies (with PUADP1)</td>
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<td>Operating Voltage</td>
<td>18 V-DC Lithium-ion (Accepts 2.0Ah–6.0Ah Makita)</td>
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<td>Jaw Opening</td>
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<td>Recharge Time</td>
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<td>45 minutes (5.0Ah)</td>
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<td>Warranty</td>
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<td>Lifetime warranty on INFINITY DRIVE®</td>
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<td>3 year on batteries and charger</td>
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<th>Kits Include</th>
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<td>2 batteries, charger, lanyard, and carrying case</td>
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Accessories:

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<tbody>
<tr>
<td>BAT18VL1</td>
<td>3.0Ah Li-ion battery</td>
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<tr>
<td>BAT18V5AHL1</td>
<td>5.0Ah Li-ion battery</td>
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<tr>
<td>PATCHGRL1</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>PTZ06620</td>
<td>Lanyard</td>
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<td>FORCEGUAGETZ1S</td>
<td>Force Test Gauge</td>
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<td>PATPROBAG</td>
<td>Nylon Pro Bag</td>
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See Important Notes page at start of Tooling Section.
T3 Technology Battery Crimper 15 Ton, Latch Head

PATRIOT® 15 Ton with T3 Technology

**TRACK TRACE TRANSMIT**

**Tool Series:**  PAT46T3 Latch Head

- **TRACK** crimp locations with onboard GPS - BURNDY Exclusive!
- **TRACE** individual crimps with comments, photos, and output force validation
- **TRANSMIT** via Bluetooth® technology and sync data to the cloud
- Latch head with 2.00” ram travel and 355° head rotation
- Used with P dies; U dies with PUADP1 Adapter (sold separately)
- Bright LED Worklight and Red/Green LED to validate output force
- Improved ergonomic design with more balance and better grip to reduce user fatigue

**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-LS, YA-TC-FX

Terminals, insulated:

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

Splices:

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

Taps:

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

Taps, grounding:

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

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

**Models:**

- PAT46T3LU03A2 with 3.0Ah Li-Ion batteries, hard case
- PAT46T3LU05A2 with 5.0Ah Li-Ion batteries, hard case
- PAT46T3LU03A3 with 3.0Ah Li-Ion batteries, pro bag
- PAT46T3LU05A3 with 5.0Ah Li-Ion batteries, pro bag

**Specifications:**

- **Output Force:** 15 Tons
- **Tool Weight:** 16.00 lbs (without battery)
- **Size:** 18.59” x 15.18” x 3.26”
- **Die Style:** P and U dies (with PUADP1)
- **Ram Travel:** 2.00”
- **Operating Voltage:** 18 V-DC Lithium-Ion (Accepts 2.0Ah-6.0Ah Makita)
- **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
- **Kits Include:**
  - 2 batteries, charger, lanyard, and carrying case

**Accessories:**

- BAT18VLI: 3.0Ah Li-Ion battery
- BAT18VSAHLI: 5.0Ah Li-Ion battery
- PATCHGRLI: 120V-AC charger
- PATCHGRLIDC: 12/24V-DC charger
- PTZ08620: Lanyard
- FORCEGAUGE1215: Force Test Gauge
- PATPROBAG: Nylon Pro Bag

See Important Notes page at start of Tooling Section.
Battery Crimper 15 Ton, C-Head

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 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-AI, YRB

Taps: YFD, YFN, YFO, YFR

ACSR - see Overhead Transmission & Distribution Sections H & I

Models:

- PAT46LWLSLI with 3.0Ah Li-Ion batteries, hard case
- PAT46CLWLSLI with rubber covered head (3.0Ah), hard case
- PAT46LWLSL5 with 5.0Ah Li-Ion batteries, hard case
- PAT46CLWLSL5 with rubber covered head (5.0Ah), hard case
- PAT46LWSLIPB with 3.0Ah Li-Ion batteries, pro bag
- PAT46CLWSLIPB with rubber covered head (3.0Ah), pro bag
- PAT46LWSL5PB with 5.0Ah Li-Ion batteries, pro bag
- PAT46CLWSL5PB with rubber covered head (5.0Ah), pro bag

Specifications:

- Output Force: 15 Tons
- Tool Weight: 17.65 lbs (without battery)
- Size: 18.00” x 14.00” x 3.00”
- Die Style: P and U dies (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
- BATT8VLI: 3.0Ah Li-Ion battery
- BATT8VSAHLI: 5.0Ah Li-Ion battery
- PATCHGRLI: 120V-AC charger
- PATCHGRRLIDC: 12/24V-DC charger
- PT208620: Lanyard
- FORCEGAUGE1215: Force Test Gauge

See Important Notes page at start of Tooling Section.
Battery Crimper 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 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, YA-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

Models:

- PAT46LW1 with 3.0Ah batteries, hard case
- PAT46LW5 with 5.0Ah batteries, hard case
- PAT46LWL1PB with 3.0Ah batteries, pro bag
- PAT46LWL5PB with 5.0Ah batteries, pro bag

Specifications:

Output Force: 15 Tons
Tool Weight: 15.50 lbs (without battery)
Size: 18.75" x 13.75" x 3.75"
Die Style: P and U dies (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:

- PSK: Cutter Die, max. diameter 1.2"
- PUADP1: U Die Adapter
- BATT0VLI: 3.0Ah Li-ion battery
- BATT15V5AHLI: 5.0Ah Li-ion battery
- PATCHGRLI: 120V-AC charger
- PATCHGRLIDC: 12/24V-DC charger
- PT208620: Lanyard
- FORCEGAGE1215: Force Test Gauge

See Important Notes page at start of Tooling Section.
Battery Crimper 12 Ton, C-Head

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

For Use On:

Tension Sleeves
- Copper: #8 sol. - 500 kcmil
- Aluminum: #8 sol. - 587.2 kcmil
- ACSR: #4 - 566.5 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 - 566.5 kcmil

HYGROUND® (Compression Grounding)
- Copper: #8 - 500 kcmil
- Ground Rods: 1/2" - 1" diameter

Specifications:

- Output Force: 12 Tons
- Tool Weight: 14.25 lbs (without battery)
- Size: 15.75" x 13.50" x 3.50"
- Die Style: U dies
- Jaw Opening: 1.65"
- 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

Models:

- PAT750LI: with 3.0Ah Li-Ion batteries, hard case
- PAT750CLI: with rubber covered head (3.0Ah), hard case
- PAT750LS: with 5.0Ah Li-Ion batteries, hard case
- PAT750CL5: with rubber covered head (5.0Ah), hard case
- PAT750LIPB: with 3.0Ah Li-Ion batteries, pro bag
- PAT750CLIPB: with rubber covered head (3.0Ah), pro bag
- PAT750L5PB: with 5.0Ah Li-Ion batteries, pro bag
- PAT750CL5PB: with rubber covered head (5.0Ah), pro bag

Accessories:

- BAT18VLI: 3.0Ah Li-Ion battery
- BAT18VSAHLI: 5.0Ah Li-Ion battery
- PATCHGRLI: 120V-AC charger
- PATCHGR12DC: 12/24V-DC charger
- PT20620: Lanyard
- FORCEGAUGE1215: Force Test Gauge

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

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

Tool Series: PAT444S

- 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 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-ZN, YA-L-ZTC, 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, YEV-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 - 556.5 kcmil
Splices:
- YDS-RL, YDS-RLNI

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

See Expanded Range details in Reference Section

Models:

- PAT444SLI with 3.0Ah Li-ion batteries, hard case
- PAT444SL5 with 5.0Ah Li-ion batteries, hard case
- PAT444SLIPB with 3.0Ah Li-ion batteries, pro bag
- PAT444SL5PB with 5.0Ah Li-ion batteries, pro bag

Specifications:

- Output Force: 11 Tons
- Tool Weight: 14.80 lbs (without battery)
- Size: 16.9” x 13.7” x 3.2”
- 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 years on batteries and charger

Accessories:

- BAT18VLI: 3.0Ah Li-ion battery
- BAT18V5AHIL: 5.0Ah Li-ion battery
- PATCHGRLL: 120V-AC Makita charger
- PATCHGRLLIDC: 12/24V-DC Makita charger
- PT208620: 12/20V-DC Makita charger
- FORCEGAUGE11: Force Test Gauge

Connections are UL Listed to UL 486A-486B on BURNDY® Copper and Aluminum Terminals and Splices

Complies 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 Tooling Section.
Battery Crimper 11 Ton, Latch Head, Dieless

PATRIOT® 11 Ton, Latch Head, Dieless
Hydraulic Self-Contained, 18V Lithium-Ion

Tool Series: PAT644

- Dieless system
- Range taking capabilities
- \(355^\circ\) head rotation
- Ergonomically balanced
- 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:

**Copper #4 - 1000 kcmil Code; #2 - 777 kcmil Flex**
- **Terminals:** YA-L, YA-ZLN, YA, YA-ZN, YA-L-2TC, YAB-4N, YA-L-TC, YA-ZL, YA-4N, YAV, YA2, YA-L-FX, YA-FXB, YBA, YAG
- **Splices:** YS-L, YS, YS-T
- **HYPLUG™:** YE-P, YE-P-FX, YE-V-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 - 556.5 kcmil**
- **Splices:** YDS-RL, YDS-RLNI

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

See Expanded Range details in Reference Section

Models:

<table>
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<tr>
<th>Models</th>
<th>Description</th>
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<tbody>
<tr>
<td>PAT644L1</td>
<td>with 3.0Ah Li-Ion batteries, hard case</td>
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<tr>
<td>PAT644L5</td>
<td>with 5.0Ah Li-Ion batteries, hard case</td>
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<tr>
<td>PAT644LIPB</td>
<td>with 3.0Ah Li-Ion batteries, pro bag</td>
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<tr>
<td>PAT644L5PB</td>
<td>with 5.0Ah Li-Ion batteries, pro bag</td>
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Specifications:

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<tr>
<th>Specifications</th>
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</thead>
<tbody>
<tr>
<td>Output Force</td>
<td>11 Tons</td>
</tr>
<tr>
<td>Tool Weight</td>
<td>14.55 lbs (without battery)</td>
</tr>
<tr>
<td>Size</td>
<td>15.62” x 14.12” x 3.25”</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>
</tr>
<tr>
<td></td>
<td>45 minutes (5.0Ah)</td>
</tr>
<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>
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Accessories:

<table>
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<tr>
<th>Accessories</th>
<th>Description</th>
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<tbody>
<tr>
<td>BAT18VLI</td>
<td>3.0Ah Li-Ion battery</td>
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<tr>
<td>BAT18VSAHLI</td>
<td>5.0Ah Li-Ion battery</td>
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<tr>
<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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<tr>
<td>PTZ0862O</td>
<td>Lanyard</td>
</tr>
<tr>
<td>FORCEGAUGETL</td>
<td>Force Test Gauge</td>
</tr>
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</table>

Connections are UL Listed to UL 486A-486B on BURNDY® Copper and Aluminum Terminals and Splices

Complies with ANSI CT19.4 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 Tooling Section.
Battery Crimper 6 Ton, Latch Head, Dieless Hydraulic Self-Contained, 18V Lithium-Ion

Tool Series: PAT81K2

- Dieless system with range taking capabilities
- Unique crimping guides for improved reliability and ease of use
- 360° head rotation
- Mechanical ram release
- Includes guides, 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:

Copper #8 - 1000 kcmil

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

Copper Flex #8 - 777.7 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

Models:

- PAT81K2U03A2 with 3.0Ah Li-ion batteries, hard case
- PAT81K2U05A2 with 5.0Ah Li-ion batteries, hard case
- PAT81K2U03A3 with 3.0Ah Li-ion batteries, pro bag
- PAT81K2U05A3 with 5.0Ah Li-ion batteries, pro bag

Specifications:

- **Output Force:** 6 Tons
- **Tool Weight:** 11.05 lbs (without battery)
- **Size:** 15.20” x 14.93” 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
- **PATCHGRLI:** 120V-AC charger
- **PATCHGRLIDC:** 12/24V-DC charger
- **PT208620:** Lanyard
- **81KSMGUIDEKIT:** Kit, Small Crimp Guides (included with tool)
- **81KLR6GUIDEKIT:** Kit, Large Crimp Guides (included with tool)

See Important Notes page at start of Tooling Section.
Battery Crimper 6 Ton, C-Head, Dieless

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 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-FX8 (#8-500 kcmil)

Aluminum

Terminals: YA-A, YA-A-TN (#8-750 kcmil)
Splices: YS-A (#8-350 kcmil)*
HYPLUG™: AYP, AYP0 (#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: 12.50 lbs (without battery)
Size: 15.62” x 13.20” 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:

BAT18VLI: 3.0Ah Li-Ion battery
BAT18VSALI: 5.0Ah Li-Ion battery
PATCH6RLI: 120V-AC charger
PATCH6RLIDC: 12/24V-DC charger
PTZ08620: Lanyard

See Important Notes page at start of Tooling Section.
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 case
- 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: 8.65 lbs (without battery)
- Size: 14.50" x 13.75" x 3.50"
- Die Style: W and X 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:
- BAT18VL1: 3.0Ah Li-Ion battery
- BAT18V5AHL1: 5.0Ah Li-Ion battery
- PATCHGR1L: 12V-AC charger
- PATCHGR1LDLC: 12/24V-DC charger
- PT208620: 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

For Use On:
Copper, Aluminum, ACSR, Steel, Copperweld, Alumoweld, 6201, 5005, Compressed, Compact, Stranded and Solid conductors

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

Models:
- PAT600LI: with 3.0Ah Li-Ion batteries, hard case
- PAT600LS: with 5.0Ah Li-Ion batteries, hard case
- PAT600LIPB: with 3.0Ah Li-Ion batteries, pro bag
- PAT600LSPB: with 5.0Ah Li-Ion batteries, pro bag

See Important Notes page at start of Tooling Section.
Battery Crimper 6 Ton, Scissor Action

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 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: 10.10 lbs (without battery)
- Size: 17.00” X 14.25” X 3.00”
- Die Style: W and X dies (with crimping jaws)
- Operating Voltage: 18 V-DC Lithium-Ion
- Recharge Time: 30 minutes (3.0Ah)
- Warranty: 5 year limited warranty

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

Crimp/Cut Kits:
- PAT500SJ6LICUTKIT1: Kit includes crimp head with B6 & D3 grooves, cutter jaw with ACSR blades, 120V charger and 2 batteries (3.0Ah)
- PAT500SJ68LICUTKIT1: Kit includes crimp head with O & D3 grooves, cutter jaw with ACSR blades, 120V charger and 2 batteries (3.0Ah)

Interchangeable Jaw Assemblies:
- PATMD6LWJAW: Crimp jaw with B6 and D3 grooves
- PATMD66LWJAW: Crimp jaw with O and D3 grooves
- PATMD66LWJAW: Crimp jaw with D3 groove only
- PATMDXPLWJAW: Crimp jaw with X, P & J grooves
- PATMD430LWJAW: Crimp jaw, Dieless, #4 AWG - 3/0 AWG
- PATMDCUTLWJAW: Cutting jaw with ACSR blades
- PATMDCUTCWLWJAW: Cutting jaw with CU/AL blades
- PATMDCUTGLWJAW: Cutting jaw with GUY blades

Accessories:
- BAT18VLI: 3.0Ah Li-Ion battery
- BAT18VS4HLI: 5.0Ah Li-Ion battery
- PATCHGRLI: 120V-AC Charger
- PATCHGRLIDC: 12/24V-DC Charger
- PATMD6LWJCVR: Jaw covers for PATMD6 and PATMD68 versions
- PATMD66LWJCVR: Jaw covers for PATMD66 snub-nose versions
- PT10074020: W-die holder for 6 die sets

See Important Notes page at start of Tooling Section.
Battery Crimper 6 Ton, Scissor Action

PATRIOT® IN-LINE®, 6 Ton, Crimper/Cutter
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>Crimp Capacity</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>
</tr>
<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>
</tr>
<tr>
<td>Taps</td>
<td>Copper</td>
<td>#10 - 2/0 AWG</td>
</tr>
<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>
</tr>
</tbody>
</table>


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
- PATMDXPJLWJAW: Crimp jaw with X, P, & J grooves
- **PATMD430LWJAW**: **Dieless jaw for #4-3/0 AWG**
- PATMDUCUTLWJAW: Cutting jaw with ACSR blades
- PATMDUCUTCLWJAW: Cutting jaw with CU/AL blades
- PATMDUCUTGLWJAW: Cutting jaw with GUY blades

**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.**

**Accessories:**
- BAT18VLI: 3.0Ah Li-Ion battery
- BAT18VSAHL: 5.0Ah Li-Ion battery
- PATCHGRLI: 120V-AC charger
- PATCHGRLIDC: 12/24V-DC 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)

**Specifications:**

- Output Force: 6 Tons
- Tool Weight: 5.50 lbs (without battery)
- Length: 17.85” – 18.73” (varies by jaw size)
- Die Style*: W and X dies (with crimping jaws; excluding XPJ grooves and 430 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 years on batteries and charger

**See Important Notes page at start of Tooling Section.**
Battery Crimper For Small Terminals #22-1 AWG

PATRIOT® Small Terminal Battery Crimper Mechanically Driven, 18V Lithium-Ion

Tool Series: PAT221

- Scissor action, angled head design
- One-second crimp time with auto retract and calibration
- Connector hold feature for easy wire insertion
- LED Worklight
- Red LED to indicate an incomplete crimp
- Safety Trigger Lock - BURNDY Exclusive!
- Emergency Release

Dies / Wheels and For Use On:

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Copper Wires Size</th>
<th>Connector Catalog Types</th>
</tr>
</thead>
<tbody>
<tr>
<td>81WHL221</td>
<td>#8 - #1 AWG</td>
<td>YA, YAV, YS, YSV</td>
</tr>
<tr>
<td>122WHL221</td>
<td>#12 - #2 AWG</td>
<td>T, YAD, YA, YAV, YAZV, YSV, YSV</td>
</tr>
</tbody>
</table>

*Excludes #10 Size

Models*:

- PAT221A02AZA with dies #2210B221, 2210NV221, and die wheels 81WHL221, 122WHL221
- PAT221B02AZA with kit accessories, no dies/wheels
- PAT221C02AZA with dies #2210B221, 2210NV221
- PAT221D02AZA with wheels #81WHL221, 122WH221
- PAT221B0000 Bare tool only

Specifications:

- Tool Weight: 2.60 lbs
- Size: 10.60” x 4.20” x 2.80”
- Die Style: Interchangeable dies with permanent grooves
- Operating Voltage: 18 V-DC Lithium-Ion
- Recharge Time: < 25 minutes (2.0Ah)
- Battery: Accept 2.0Ah - 6.0Ah Makita batteries
- Warranty: 3 year limited warranty
- 3 year on batteries and charger
- *Kit Contents: Includes (2) 2.0Ah batteries, charger, case and respective dies noted

Accessories:

- BAT18VZAH1: 2.0Ah Li-Ion battery
- PATCHGRL1: 120V-AC charger
- CASEPAT221: Polymer carrying case

See Important Notes page at start of Tooling Section.
HYPRESS™ 12 Ton, C-Head
Hydraulic Self-Contained

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 - 556.5 kcmil

HYGROUND® (Compression Grounding)
- Copper  #8 - 500 kcmil
- Ground Rods 1/2” - 1” diameter

Models:
- Y750HSXT  Standard C-Head tool
- Y750CHSXT  Y750HSXT with rubber covered head

Specifications:

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

Accessories:
- PT0024162: Plastic carrying case for Y750HSXT/Y750CHSXT
- FORCEGAUGE1215: Force test gauge
- CASEUDIESTS: Plastic die case for U dies
Hand Operated Crimper 12 Ton, C-Head

HYPRESS™ 12 Ton, C-Head
Hydraulic Self-Contained

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

Models:

Y35  Standard C-Head tool (rubber covered body and handles only)
Y352  Y35 with rubber covered head, body, and handles

Specifications:

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

Accessories:

PT2972:  Steel Carry Case (included with tool)
Y35/Y39REPKIT:  Seal Repair Kit
PT292792:  12 ton Force Gauge
Hand Operated Crimper 11 Ton, Latch Head, Dieless
Hydraulic Self-Contained

Tool: Y644HSXT

- 355° head rotation
- Dieless System
- Range taking capabilities
- Only "I" crimp necessary for most standard and long barrel terminals and splices
- Easy inspection; positive identification proved with BURNDY® “Bug” (ﺵ) 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-L-ZTC, YA8-4N, YA-L-TC, YA-2LN, YA-4N, YAV, YAZ, YA-L-FX, YA-FXB, YBA, YAG
- Splices: YS-L, YS, YS-T
- HYPLUG™: YE-P, YE-P-FX, YEY-P-FX

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

ACSR, AAC, AAAC, ACAR #4 AWG - 556.5 kcmil
- Splices: YDS-RL

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

See Expanded Range details in Reference Section

Models:

Y644HSXT

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

Accessories:

Y644HSCASE: Plastic carrying case (included with tool)

Connections are UL Listed to UL 486A-486B on BURNDY® Copper and Aluminum Terminals and Splices

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

Qualified for use on YCP-L Compression Pulling Heads
Hand Operated Crimper 6 Ton, Latch Head, Dieless

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

Tool: Y81K2

- Dieless System
- Range taking capabilities
- Unique crimping guides for improved reliability and ease of use
- Flip top latch head design
- 360° head rotation

For Use On:

Copper #8 -1000 kcmil

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

Copper Flex #8 - 777.7 kcmil Flex

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

Models:

Y81K2 Standard 4-POINT® Dieless Latch Head tool

Specifications:

Output Force: 6 Tons
Tool Weight: 13.6 lbs
Size: 23.90” x 7.70” x 2.50”
Die Style: Dieless
Warranty: 5 year limited warranty

Accessories:

PT10050733: Plastic carrying case (included with tool)
81KSMMLGUIDEKIT: Kit, Small Crimp Guides (included with tool)
81KLRGGUIDEKIT: Kit, Large Crimp Guides (included with tool)
4-POINT® 6 Ton, C-Head, Dieless Hydraulic Self-Contained

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

See Expanded Range details in Reference Section

Models:

Y4PC834 Standard 4-POINT® Dieless C-Head tool

Specifications:

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Output Force</td>
<td>6 Tons</td>
</tr>
<tr>
<td>Tool Weight</td>
<td>11.9 lbs</td>
</tr>
<tr>
<td>Size</td>
<td>25.62” x 7.75” x 2.50”</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:

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

L’IL CRIMP™ 6 Ton, Latch Head
Hydraulic Self-Contained

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

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

**Models:**

- **Y500CTHS**
  - Standard Latch Head tool

**Specifications:**

- **Output Force:** 6 Tons
- **Tool Weight:** 7.8 lbs
- **Size:** 18.00” x 5.50” x 2.68”
- **Die Style:** W and X dies
- **Warranty:** 5 year limited warranty

**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)
- **PTZ12851**: 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

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

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, YNTA, YNU, YDS, YDN, YCS, YCA, YCU

Models:

- **Y60LW** Standard Remote Latch Head tool

Specifications:

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Output Force:</td>
<td>60 Tons</td>
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<tr>
<td>Tool Weight:</td>
<td>43.0 lbs</td>
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<tr>
<td>Size:</td>
<td>12.95&quot; x 8.06&quot; x 8.06&quot;</td>
</tr>
<tr>
<td>Die Style:</td>
<td>L dies (standard or wide style); HPS/Fargo-equivalent 60 ton dies</td>
</tr>
<tr>
<td>Operating Pressure:</td>
<td>10,000 PSI</td>
</tr>
<tr>
<td>Warranty:</td>
<td>5 year limited warranty</td>
</tr>
</tbody>
</table>

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.

**Y60LW** pictured on Y60LWSTAND (included with tool purchase)

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.
Remote Operated Crimper 15 Ton, C-Head

15 Ton, 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, YGHPC-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

Models:

- 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
- Y46CLWSBH: Y46CLWSBH (covered) tool with Female coupler
- Y46LWSBH: Y46LWSBH tool with Female coupler
  (not rubber covered)

Specifications:

- Output Force: 15 Tons
- Tool Weight: 14.5 lbs
- Size: 14.68” x 5.06” x 2.88”
- Die Style: P and U dies (with PUADP1)
- Operating Pressure: 10,000 PSI
- Cycles: 10,000
- Warranty: 5 year limited warranty

Accessories:

- PUADP1: U die adapter
- P15K: Cutter Die, max. diameter 1.2”
- PT10054094: Red nylon carry bag (included with tool)

See Hydraulic Pumps and Hydraulic Hoses; Pump Accessories for other necessary equipment.
15 Ton, 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, YAFL-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, YHC
- 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

**Models:**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
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<tbody>
<tr>
<td>Y46LWBH</td>
<td>Standard Light Weight Latch Head tool</td>
</tr>
<tr>
<td>Y46LWBHF</td>
<td>Y46LWBH tool with Female coupler (not rubber covered)</td>
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</table>

**Specifications:**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Output Force</td>
<td>15 Tons</td>
</tr>
<tr>
<td>Tool Weight</td>
<td>12.4 lbs</td>
</tr>
<tr>
<td>Size</td>
<td>14.88” x 5.06” x 3.07”</td>
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<tr>
<td>Operating Pressure</td>
<td>10,000 PSI</td>
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<tr>
<td>Cycles</td>
<td>10,000</td>
</tr>
<tr>
<td>Warranty</td>
<td>5 year limited warranty</td>
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**Accessories:**

<table>
<thead>
<tr>
<th>Accessory</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PUADP1</td>
<td>U die adapter</td>
</tr>
<tr>
<td>PISK</td>
<td>Cutter Die, max. diameter 1.2”</td>
</tr>
<tr>
<td>PT10054094</td>
<td>Red nylon carry bag (included with tool)</td>
</tr>
</tbody>
</table>

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

15 Ton, 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 (18/7) 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:

<table>
<thead>
<tr>
<th>Specification</th>
<th>Y45 Standard Remote C-Head tool</th>
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</thead>
<tbody>
<tr>
<td>Output Force</td>
<td>15 Tons</td>
</tr>
<tr>
<td>Tool Weight</td>
<td>15.5 lbs</td>
</tr>
<tr>
<td>Size</td>
<td>15.25” x 4.50” x 2.62”</td>
</tr>
<tr>
<td>Die Style</td>
<td>S and U dies (with PT6515)</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>

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, C-Head Remote Operated Hydraulic Tool

Tool: Y750BHXT

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

For Use On:

<table>
<thead>
<tr>
<th>Tension Sleeves</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Copper</td>
<td>#8 sol. - 500 kcmil</td>
<td></td>
</tr>
<tr>
<td>Aluminum</td>
<td>#8 sol. - 587.2 kcmil</td>
<td></td>
</tr>
<tr>
<td>ACSR</td>
<td>#4 - 556.5 kcmil</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Taps</th>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Copper</td>
<td>#14 sol. - 500 kcmil</td>
<td></td>
</tr>
<tr>
<td>Aluminum</td>
<td>#8 - 500 kcmil</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Aerial Cable</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Copper</td>
<td>#6 - 500 kcmil</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Terminals &amp; Splices</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Copper</td>
<td>#8 - 750 kcmil</td>
<td></td>
</tr>
<tr>
<td>Aluminum</td>
<td>#8 - 750 kcmil</td>
<td></td>
</tr>
<tr>
<td>ACSR</td>
<td>#4 - 556.5 kcmil</td>
<td></td>
</tr>
</tbody>
</table>

HYGROUND® (Compression Grounding)

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

Models:

- Y750BHXT Standard Remote C-Head tool

Specifications:

- Output Force: 12 Tons
- Tool Weight: 10.8 lbs
- Size: 12.80" x 5.20" x 2.90"
- Die Style: U dies
- Jaw Opening: 1.65"
- Operating Pressure: 10,000 PSI
- Warranty: 5 year limited warranty

Accessories:

CASEUDIES15: Plastic die case for U style dies
Holds 15 die sets. Dies sold separately.

PT10054094: Red nylon carry bag (included with tool)

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

12 Ton, C-Head Remote Operated Hydraulic Tool

**Tool Series:** Y35BH

- Lifting eye
- .95” jaw opening
- Uses U 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:** 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

**Models:**

- **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

**Specifications:**

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

**Accessories:**

- **PT29413:** Carry case (included with tool)

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

Tool Series: Y444SBH

- 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-ZTC, YAB-4N, YA-L-TC, YA-2L, YA-4N, YAV, YAZ, YA-L-FX, YA-FX8, YBA, YAG
- Splices: YS-Y, YS-T

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

Aluminum #4 - 1000 kcmil
- Terminals: YA-A, YA-A-1N
- Splices: YS-A
- HYPLUG™: AYP, AYPO

ACSR, AAC, AAAC, ACAR #4 AWG - 556.5 kcmil
- Splices: YDS-RL, YDS-RLNI

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

See Expanded Range details in Reference Section

Models:

- Y444SBH: Tool with male couplers
- Y444SBHF: Tool with female couplers

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: Red nylon carry bag (included with tool)

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

Connections are UL Listed to UL 486A-486B on BURNDY® Copper and Aluminum Terminals and Splices
Complies with ANSI CT19.4 on YDS-RL and YDS-RLNI Splices (ACSR, AAC, AAAC, ACAR)
Qualified for use on YCP-L Compression Pulling Heads
Remote Operated Crimper 6 Ton, Latch Head, Dieless

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

**Tool:** Y81K2MBH

- Dieless system with range taking capabilities
- Unique crimping guides for improved reliability and ease of use
- Flip top design
- Incorporates Parker-type quick connect 3/8” male coupler
- 360° head rotation

**For Use On:**

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

- Copper Flex #8 - 777.7 kcmil Flex
  - **Terminals:** YA-FX, YAV, YA-L-FX
  - **Splices:** YS, YSV-FX8

- Aluminum #8 - 750 kcmil
  - **Terminals:** YA-A, YA-A-TN
  - **Splices:** YS-A
  - HYPLUG™: AYP, AYPO

**Models:**

- **Y81K2MBH**
  - Standard 4-POINT® Dieless Remote tool

**Specifications:**

- **Output Force:** 6 Tons
- **Tool Weight:** 8.5 lbs
- **Size:** 12.30” x 5.40” x 2.00”
- **Die Style:** Dieless
- **Operating Pressure:** 10,000 PSI
- **Warranty:** 5 year limited warranty

**Accessories:**

- **PT10054094:** Red nylon carry bag (included with tool)
- **8IKSMGUIDEKIT:** Kit, Small Crimp Guides (included with tool)
- **8IKLRGGUIDEKIT:** Kit, Large Crimp Guides (included with tool)

See Hydraulic Pumps and Hydraulic Hoses; Pump Accessories for other necessary equipment.
4-POINT® 6 Ton, 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, AYP0 (#8-750 kcmil)

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

See Expanded Range details in Reference Section

Models:

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

Specifications:

<table>
<thead>
<tr>
<th>Output Force:</th>
<th>6 Tons</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tool Weight:</td>
<td>8.4 lbs</td>
</tr>
<tr>
<td>Size:</td>
<td>5.50” x 4.00” x 2.00”</td>
</tr>
<tr>
<td>Die Style:</td>
<td>Dieless</td>
</tr>
<tr>
<td>Operating Pressure:</td>
<td>10,000 PSI</td>
</tr>
<tr>
<td>Warranty:</td>
<td>5 year limited warranty</td>
</tr>
</tbody>
</table>

Accessories:

PT10054094: Red nylon 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, 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

**Models:**

- Y34BH 9-Ton Remote C-Head tool

**Specifications:**

- **Output Force:** 9 Tons
- **Tool Weight:** 8.0 lbs
- **Size:** 16.75” x 3.00” x 3.00”
- **Die Style:** B nest & Y34 series indenter dies
- **Jaw Opening:** 1.10”
- **Operating Pressure:** 10,000 PSI
- **Warranty:** 5 year limited warranty

**Installation Die Charts for Y34BH**

<table>
<thead>
<tr>
<th>Copper Conductor</th>
<th>Installation Die</th>
<th>Max. Conductor</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Nest</strong></td>
<td><strong>Indenter</strong></td>
<td>#4 Str.</td>
</tr>
<tr>
<td>B4CD</td>
<td>Y34PR</td>
<td></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>
<td>250 kcmil</td>
</tr>
<tr>
<td>B30D</td>
<td>Y34PR</td>
<td>300 kcmil</td>
</tr>
<tr>
<td>B31D</td>
<td>Y34PR</td>
<td>350 kcmil</td>
</tr>
<tr>
<td>No Die Req’d</td>
<td>Y34PR</td>
<td>500 kcmil</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Aluminum Conductor</th>
<th>Installation Die</th>
<th>Max. Conductor</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Nest</strong></td>
<td><strong>Indenter</strong></td>
<td>#6 Str.</td>
</tr>
<tr>
<td>B4CD</td>
<td>Y34PA</td>
<td></td>
</tr>
<tr>
<td>B1CD</td>
<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>
<td>1/0 Str.</td>
</tr>
<tr>
<td>B29D</td>
<td>Y34PR5</td>
<td>2/0 Str.</td>
</tr>
<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>
</tr>
<tr>
<td>B32D</td>
<td>Y34PR5</td>
<td>250 kcmil</td>
</tr>
<tr>
<td>No Die Req’d</td>
<td>Y34PR11</td>
<td>300 kcmil</td>
</tr>
</tbody>
</table>

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

4.5 Ton, 6,000 PSI, 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"
- Jaw Opening: 1.25"
- Operating Pressure: 6,000 PSI
- Warranty: 5 year limited warranty

Accessories:

PT30250: Metal carrying case (included with tool)

Models:

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

Installation Die Chart for Y29BH
(Connectors meet MIL-T-7928 requirements)

<table>
<thead>
<tr>
<th>Non-Insulated Connectors</th>
<th>Maximum Conductor</th>
<th>Insulated Connectors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nest</td>
<td>Indenter</td>
<td>Size</td>
</tr>
<tr>
<td>DV8L1</td>
<td>Y29PL</td>
<td>#8 AWG</td>
</tr>
<tr>
<td>DV6L</td>
<td>Y29PL</td>
<td>#6 AWG</td>
</tr>
<tr>
<td>DV4L</td>
<td>Y29PL</td>
<td>#4 AWG</td>
</tr>
<tr>
<td>DV2L</td>
<td>Y29PL</td>
<td>#2 AWG</td>
</tr>
<tr>
<td>DV1L</td>
<td>Y29PL</td>
<td>#1 AWG</td>
</tr>
<tr>
<td>DV25L</td>
<td>Y29PR</td>
<td>1/0 AWG</td>
</tr>
<tr>
<td>DV26L</td>
<td>Y29PR</td>
<td>2/0 AWG</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Nest</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Dev8L</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Y29PLE1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Dev6L</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Y29PLE1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Dev4L</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Y29PLE1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Dev2L</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Y29PLE</td>
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<tr>
<td></td>
<td></td>
<td>Dev25L</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Y29PLE</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Dev26L</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Y29PLE</td>
</tr>
</tbody>
</table>

PT30250 metal carrying case (included with tool)

See Hydraulic Pumps and Hydraulic Hoses; Pump Accessories for other necessary equipment.
**Plier Hand Tool; for #22-10 AWG Nylon/Bare**

**Hand tool for #22 - 10 AWG Nylon and Bare Connectors**

**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

### For Use On:

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

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

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

#### #22 - 10 AWG Bare Uninsulated Splices
- Types: YSV, YSV-H*

*Conductor crimp only

### Specifications:

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

---

[Image of a plier]
Full Cycle Ratchet Tool for Ferrules, Dieless

Dieless, Front and Side Load Ferrule Tool
#26 - 8 AWG Covered and Bare Ferrules

Tool: YF268CFSL

- Rotatable die head for front or side loading
- Full cycle ratchet with emergency release
- Ergonomic design with low handle force with non-slip comfort grip
- Self-adjusting for covered and bare ferrules
- Compact and lightweight
- Hole for safety strap

For Use On:
#26 - 8 AWG Covered and Bare Ferrules
Types: YF-U1L, YF-IDL, YF-I1L, YF-I1WL, YF-TW-DL
Wire End Ferrules

Models:
YF268CFSL  Front & Side Load Ferrule Crimp tool

Specifications:

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>7.10” x 2.70” x 0.90”</td>
</tr>
<tr>
<td>Die Style</td>
<td>Dieless, Rotatable</td>
</tr>
<tr>
<td>Weight</td>
<td>.65 lbs</td>
</tr>
<tr>
<td>Warranty</td>
<td>5 year limited warranty</td>
</tr>
</tbody>
</table>

Close-up of YF268CFSL front load & side load views
Full Cycle Ratchet Tool for Ferrules, Side Load

Side Load Ferrule Tool
#26 - 1/0 AWG Covered and Bare Ferrules

Tool Series: YF261CSKIT
- Kit includes ratchet crimping tool and 3 interchangeable dies: YF2610D (#26-10 AWG), YF864D (#8-4 AWG), and YF21D (#2-1/0 AWG)
- Crimps both covered and bare ferrules
- Low handle force reduces hand strain
- Ergonomic design with non-slip handles
- Light weight plastic case with handle for easy transporting
- Micro foam insert to secure tool, dies and die changing tool

For Use On:

<table>
<thead>
<tr>
<th>#26 - 1/0 AWG</th>
<th>Covered Ferrules</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Types: YF-UILL, YF-IDL, YF-ITL, YF-IWL, YFTW-DL</td>
</tr>
<tr>
<td>#20 - 2 AWG</td>
<td>Bare Ferrules</td>
</tr>
<tr>
<td></td>
<td>Wire End Ferrules</td>
</tr>
</tbody>
</table>

Models:

- YF261CSKIT Kit, ferrule tool, dies for #26-1/0 AWG

Specifications (Kit):
- Size: 10.00” x 2.70” x 0.90”
- Die Style: Interchangeable dies
- Weight: 1.25 lbs
- Warranty: 5 year limited warranty
Hand Tool for #22 - 8 AWG Uninsulated (Bare) Connectors

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

#22 - 8 AWG Uninsulated (Bare) Splices:
Types: YSV, YSV-L

Models:

Y8MRB1 Hand-held tool, #22 - 8 AWG

Specifications:

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</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

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
- Lightweight aluminum
- Easy groove identification with color-coded dies

Specifications:

<table>
<thead>
<tr>
<th>Model</th>
<th>Size:</th>
<th>Weight:</th>
<th>Die Style:</th>
<th>Warranty:</th>
</tr>
</thead>
<tbody>
<tr>
<td>MR81A:</td>
<td>10.50&quot; x 3.50&quot; x 1.50&quot;</td>
<td>1.5 lbs</td>
<td>Permanent dies</td>
<td>5 year limited warranty</td>
</tr>
<tr>
<td>MR89Q:</td>
<td>#18 - 8 AN Copper Cable</td>
<td>#22 - 10 AWG Sol. Cable</td>
<td>#22 - 8 AWG Str. Cable</td>
<td>YAV, YSV, T, T-F, YAD, YAD-F</td>
</tr>
<tr>
<td>MR83S3:</td>
<td>YAE</td>
<td>YSE</td>
<td>YSE-H</td>
<td></td>
</tr>
<tr>
<td>MR8696:</td>
<td>#22 - 14 AWG</td>
<td>TP, BA</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Ergonomic Full Cycle Ratchet Tools

Ergonomic Hand Crimp Tool for #22 - 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

Models:

- MRE1022B Tool, #22 - 10 AWG, Bare
- MRE1022NV Tool, #22 - 10 AWG, Nylon/Vinyl

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

Close-up MRE1022NV
Full Cycle Ratchet Hand Tool

For Use On:

MR15
#22 - 10 AWG Vinyl Insulated Terminals/Splices
Types: TP, BA, TP-E, BA-EF, TP-Z, BA-EZ, TP-JE, 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

Models:

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MR15</td>
<td>Tool, #22 - 10 AWG, Vinyl</td>
</tr>
<tr>
<td>MR18</td>
<td>Tool, #22 - 10 AWG, Nylon</td>
</tr>
<tr>
<td>MR20</td>
<td>Tool, #22 - 10 AWG, Bare</td>
</tr>
</tbody>
</table>

Specifications:

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>8.88” x 6.00” x 2.50”</td>
</tr>
<tr>
<td>Weight</td>
<td>1.1 lbs</td>
</tr>
<tr>
<td>Warranty</td>
<td>5 year limited warranty</td>
</tr>
</tbody>
</table>

Accessories:

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MR15DIESETD1</td>
<td>MR15 interchangeable die set</td>
</tr>
<tr>
<td>MR18DIESETD1</td>
<td>MR18 interchangeable die set</td>
</tr>
<tr>
<td>MR20DIESETD1</td>
<td>MR20 interchangeable die set</td>
</tr>
</tbody>
</table>
Full Cycle Ratchet Hand Tool
for #9 - 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>
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</table>

Accessories:

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PG1211</td>
<td>Die Inspection Gauge for #9 - 8 AWG groove</td>
</tr>
<tr>
<td>PG1251</td>
<td>Die Inspection Gauge for #6 AWG groove</td>
</tr>
<tr>
<td>PG1331</td>
<td>Die Inspection Gauge for #4 AWG groove</td>
</tr>
</tbody>
</table>

Models:

MR4C Tool, #9 - 4 AWG, Bare
Rotating Die, Full Cycle Ratchet Tool

Rotating Die, Hand Tool for #8 - #1 AWG Copper HYDENT™ Terminals/Splices and #14 - 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 Wire Size</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>YABC-YSBC-YABC-YSBC-</td>
<td>49 (Red)</td>
<td>1 2</td>
</tr>
<tr>
<td>#6 AWG Code</td>
<td>YABC-YS6C-</td>
<td>7 (Blue)</td>
<td>1 2</td>
</tr>
<tr>
<td>#4 AWG Code</td>
<td>YABC-YS4C-</td>
<td>8 (Grey)</td>
<td>2 4</td>
</tr>
<tr>
<td>#3 AWG Code &amp; Sol.</td>
<td>YAC3-YS3C-</td>
<td>9 (White)</td>
<td>2 4</td>
</tr>
<tr>
<td>#2 AWG Code</td>
<td>YAC2-YS2C-</td>
<td>10 (Brown)**</td>
<td>2 4</td>
</tr>
<tr>
<td>#1 AWG Code</td>
<td>YAC1-YS1C-</td>
<td>11 (Green)**</td>
<td>2 4</td>
</tr>
</tbody>
</table>

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

Models:

- 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

Specifications:

- Catalog Number: Y1MRTC
- Size: 9.88” x .75” x 2.75”
- Weight: 1.7 lbs
- Die Style: Rotating die wheel
- Warranty: 5 year limited warranty

Copper C-Tap Connectors

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Wire Size Cu Str. AWG</th>
<th>Die Index # (Color)</th>
<th># of Crimps</th>
</tr>
</thead>
<tbody>
<tr>
<td>YC10L12</td>
<td>14 12 10</td>
<td>16-14 16-14 16</td>
<td>49 (Red)</td>
</tr>
<tr>
<td>YC8L12</td>
<td>10 8 6</td>
<td>10 12 12-10</td>
<td>7 (Blue)</td>
</tr>
<tr>
<td>YC6L12</td>
<td>8 6 5</td>
<td>10-8 12-12</td>
<td>8 (Grey)</td>
</tr>
<tr>
<td>YC4L12</td>
<td>6 5 4</td>
<td>8-6 12-8</td>
<td>10 (Brown)</td>
</tr>
</tbody>
</table>
Ergonomic Full Cycle Ratchet Tool

Ergonomic Hand Tool for #12 - 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 Y122CMRCKIT)

Models:

<table>
<thead>
<tr>
<th>Tool</th>
<th>#12 - 2 AWG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y122CMR</td>
<td>Tool, select LONG barrel connectors, case</td>
</tr>
<tr>
<td>Y122CMRKIT</td>
<td>Tool, select STANDARD barrel connectors, case</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Copper Wire Size</th>
<th>Accommodates Copper Terminals and Splices</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connector Catalog Types</td>
<td>Die Index # (Color Code)</td>
</tr>
<tr>
<td>Standard Barrel</td>
<td>Long Barrel</td>
</tr>
<tr>
<td>#10 – #12 AWG Sol. &amp; Str.</td>
<td>T10-, YAD10-, YAV10, YAZ10, YAZV10-</td>
</tr>
<tr>
<td>#8 AWG Code &amp; Flex</td>
<td>YABC-, YAVBC-, YAZBC-, YAZVBC-</td>
</tr>
<tr>
<td>#6 AWG Code</td>
<td>YAGC-, YAGC-, YAC6C-, YAC6C-, YAC6C-, YAC6C-</td>
</tr>
<tr>
<td>#4 AWG Code &amp; Flex</td>
<td>YA4C-, YAZ4C-, YAZ4C-, YAZ4C-</td>
</tr>
<tr>
<td>#3 AWG Code &amp; #2 AWG Sol</td>
<td>YASC-, YASC-</td>
</tr>
<tr>
<td>#2 AWG Code</td>
<td>YAZC-, YAZZC-, YAZZC-, YAZZC-</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Copper C-Tap Connectors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Catalog Number</td>
</tr>
<tr>
<td>Pu Str. AWG</td>
</tr>
<tr>
<td>YC10L12</td>
</tr>
<tr>
<td>YC8L12</td>
</tr>
<tr>
<td>YC6L12</td>
</tr>
<tr>
<td>YC4L12</td>
</tr>
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</table>

Specifications:

<table>
<thead>
<tr>
<th>Catalog Number:</th>
<th>Y122CMR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size:</td>
<td>10.38&quot; x 3.00&quot; x 1.00&quot;</td>
</tr>
<tr>
<td>Weight:</td>
<td>1.3 lbs</td>
</tr>
<tr>
<td>Die Style:</td>
<td>Rotating die wheel</td>
</tr>
<tr>
<td>Warranty:</td>
<td>5 year limited warranty</td>
</tr>
</tbody>
</table>

Accessories:

Die Inspection Gages are available and sold separately. See table to the left for information.
Y122CMR Tool Kit with select connectors

Y122CMR Tool, Case and select connectors for #12 - 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

<table>
<thead>
<tr>
<th>Y122CMRKIT Contents: (all connectors are LONG Barrel)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Catalog Number</td>
</tr>
<tr>
<td>----------------</td>
</tr>
<tr>
<td>Y122CMR</td>
</tr>
<tr>
<td>Y1MRKITCASE</td>
</tr>
<tr>
<td>YAV10TC14</td>
</tr>
<tr>
<td>YAV10TC14</td>
</tr>
<tr>
<td>YAZV10TC14</td>
</tr>
<tr>
<td>YAZ8CTC4</td>
</tr>
<tr>
<td>YAZ9C2TC3B</td>
</tr>
<tr>
<td>YAZ6CTC4</td>
</tr>
<tr>
<td>YAZ6C2TC3BSL</td>
</tr>
<tr>
<td>YAZ6C2TC14</td>
</tr>
<tr>
<td>YAZ6C2TC14FX</td>
</tr>
<tr>
<td>YAZ4C2TC3B</td>
</tr>
<tr>
<td>YAZ3C2TC14</td>
</tr>
<tr>
<td>YAZ3C2TC3BSL</td>
</tr>
<tr>
<td>YAZ2C2TC14</td>
</tr>
<tr>
<td>YAZ2C2TC3BSL</td>
</tr>
<tr>
<td>YAZV2C2TC14FX</td>
</tr>
<tr>
<td>Y122CMRSOMI</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Y122CMRCIKIT Contents: (all connectors are STANDARD Barrel)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Catalog Number</td>
</tr>
<tr>
<td>----------------</td>
</tr>
<tr>
<td>Y122CMR</td>
</tr>
<tr>
<td>Y1MRKITCASE</td>
</tr>
<tr>
<td>YAV10T3</td>
</tr>
<tr>
<td>YABCL</td>
</tr>
<tr>
<td>YABCL1</td>
</tr>
<tr>
<td>Y66C10</td>
</tr>
<tr>
<td>YAV6CL14FX</td>
</tr>
<tr>
<td>Y44CL</td>
</tr>
<tr>
<td>YAV4CL156FX</td>
</tr>
<tr>
<td>YAZCL</td>
</tr>
<tr>
<td>YAVZCL156FX</td>
</tr>
<tr>
<td>YSV10</td>
</tr>
<tr>
<td>YS8C1</td>
</tr>
<tr>
<td>YS6C1</td>
</tr>
<tr>
<td>YS4C1</td>
</tr>
<tr>
<td>Y2SCL</td>
</tr>
<tr>
<td>Y122CMRSOMI</td>
</tr>
</tbody>
</table>

Specifications:

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

Accessories:

Die Inspection Gages are available and sold separately. See Y122CMR catalog page for details.
Full Cycle Ratchet Hand Tool for #26 - 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

#26 - 8 AWG Splices
Splice Types: YSV, YSM, YSV-H, YRV-L

Models:

M8ND Tool, #26 - 8 AWG

Specifications:

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>1.8 lbs</td>
</tr>
<tr>
<td>Size</td>
<td>10.88&quot; x 2.00&quot; x .88&quot;</td>
</tr>
<tr>
<td>Die Style</td>
<td>N dies</td>
</tr>
<tr>
<td>Cycles</td>
<td>10,000</td>
</tr>
<tr>
<td>Warranty</td>
<td>5 year limited warranty</td>
</tr>
</tbody>
</table>

M8ND shown with NBCT die set installed. (Dies sold separately.)
Mechanical Rotating Crimp Tool

for #8 - 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

Models:

MRC840 Tool, #8 - 4/0 AWG Copper
MRC840AL Tool, #8 - 4/0 AWG Aluminum

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

### 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:

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

---

**Close-up of dieless mechanism**
Full Cycle Ratchet Tool, Dieless, Service Entrance Splices

Dieless Hand Tool, Installs #10 - 1/0 Str. Service Entrance Splice Connectors

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 indenter

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>Tool Force</th>
<th>50 lbs max.</th>
</tr>
</thead>
<tbody>
<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>

Models:

<table>
<thead>
<tr>
<th>Models</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>OH25</td>
<td>Tool, #10 - 1/0 Str</td>
</tr>
</tbody>
</table>

Accessories:

PT8504: Go/No-Go Gauge; used to check crimp dimensions
HYTOOL™ Hand-Operated Crimper

HYTOOL™ Hand Crimper for #14 AWG - 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, G201, 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

**Terminals & Splices:**
- #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)

*NOTE:* Sizes 250–500 kcmil are not recommended with MD6 & MD7 Series due to high handle force. Suggest PATMD-LW Series.

**Specifications:**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crimp Force</td>
<td>4.5 Tons</td>
</tr>
<tr>
<td>Life Cycle</td>
<td>Tested over 90,000 cycles with no adjustments or part replacement</td>
</tr>
<tr>
<td>Length</td>
<td>25.50” x 4.50” x 2.00”</td>
</tr>
<tr>
<td>Weight</td>
<td>6.0 lbs</td>
</tr>
<tr>
<td>Die Style</td>
<td>W and X dies</td>
</tr>
<tr>
<td>Warranty</td>
<td>5 year limited warranty</td>
</tr>
</tbody>
</table>

**Models:**

- **MD6**
  - Permanent BG (5/8) and D3 grooves; with W0 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

- **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

**Accessories:**

- **WBG:** Common die set for MD68, MD612
- **WO:** Common die set for MD6, MD64, MD614
- **WDIETREE:** W die holder for 6 die sets
HYTOOL™ Hand-Operated Crimper

HYTOOL™ Hand Crimper
for #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

Terminals & Splices*:
- #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)

* NOTE: Sizes 250-500 kcmil are not recommended with MD6 & MD7 Series due to high handle force. Suggest PATMD-LW Series.

Specifications:

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Output Force</td>
<td>4.5 Tons</td>
</tr>
<tr>
<td>Size</td>
<td>25.00” x 4.50” x 2.00”</td>
</tr>
<tr>
<td>Weight</td>
<td>7.0 lbs.</td>
</tr>
<tr>
<td>Die Style</td>
<td>W and X dies</td>
</tr>
<tr>
<td>Life Cycle</td>
<td>Tested over 90,000 cycles with no adjustments or part replacement</td>
</tr>
<tr>
<td>Warranty</td>
<td>5 year limited warranty</td>
</tr>
</tbody>
</table>

Models:

MD7
- Permanent B6 (5/8) and D3 grooves; with WO die (sold separately) can install the CABLELOK CRIMPIT™ and HYCRIMP™ tap connectors

MD78
- Permanent O and D5 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
- WDIE TREE: W die holder for 6 die sets
POSI-PRESS™ Hand-Operated Full Cycle Ratchet Tool for #12 - 500 kcmil

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

Specifications:

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crimp Force</td>
<td>4.5 Tons</td>
</tr>
<tr>
<td>Length</td>
<td>26.00” x 4.50” x 2.00”</td>
</tr>
<tr>
<td>Width</td>
<td>8.00” at handles; 4.50” at jaws</td>
</tr>
<tr>
<td>Die Style</td>
<td>W and X dies</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>

Models:

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

Accessories:

PT49521: Metal carry case (sold separately)
PT4925: Canvas bag (sold separately)
WDIETREE: W die holder for 6 sets of dies (sold separately)
**TOOLING**

**OEM Pneumatic Press**

**OEM Pneumatic Press**
for #8 - 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

**For Use On:**

#8 - 4/0 AWG Copper Terminals
Type: YA, YA-L, YAD-M, YAV, YAV-L

**Models:**

OEM840NCP  OEM Pneumatic Press (press only*)

*Requires U / UM or W Die Holder Assembly for use. Sold separately, see below.

<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>Indenter</td>
<td>Nest</td>
<td>Copper</td>
<td>Copper</td>
</tr>
<tr>
<td>#8 AWG</td>
<td>UMA</td>
<td>U8CRT</td>
<td>W8CRT</td>
</tr>
<tr>
<td>#6 AWG</td>
<td>UMB</td>
<td>U5CRT</td>
<td>W5CRT</td>
</tr>
<tr>
<td>#4 AWG</td>
<td>UMB</td>
<td>U4CRT</td>
<td>W4CRT</td>
</tr>
<tr>
<td>#2 AWG</td>
<td>UMB</td>
<td>U2CRT</td>
<td>W2CRT</td>
</tr>
<tr>
<td>1/0 AWG</td>
<td>UMC</td>
<td>U25RT</td>
<td>W25RT</td>
</tr>
<tr>
<td>2/0 AWG</td>
<td>UMC</td>
<td>U26RT</td>
<td>W26RT</td>
</tr>
<tr>
<td>3/0 AWG</td>
<td>UMC</td>
<td>U27RT</td>
<td>W27RT</td>
</tr>
<tr>
<td>4/0 AWG</td>
<td>UMC</td>
<td>U28RT</td>
<td>W28RT</td>
</tr>
</tbody>
</table>

**Specifications:**

- **Weight:** 61.0 lbs
- **Size:** 22.75” x 12.38” x 10.25” (18.56” L with air gauge)
- **Die Style:** UM, U, and W dies
- **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

**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 above. All dies, nest and indenters are sold separately.
**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
- **U** = 35 and 750 Series, 46 Series w/PUADP1 U-die Adapter
- **UM** = OEM840NCP, 750 Series, 46 Series w/PUADP1 U-die Adapter
- **W** = MD and PATMD Series, PAT505SJ, PAT600
- **X** = MD6 and MD7 Series

### Chart II - Wire Size

<table>
<thead>
<tr>
<th>Size</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>#12 AWG</td>
</tr>
<tr>
<td>10</td>
<td>#10 AWG</td>
</tr>
<tr>
<td>8C</td>
<td>#8 AWG</td>
</tr>
<tr>
<td>6C</td>
<td>#6 AWG</td>
</tr>
<tr>
<td>5C</td>
<td>#5 AWG</td>
</tr>
<tr>
<td>4C</td>
<td>#4 AWG</td>
</tr>
<tr>
<td>3C</td>
<td>#3 AWG</td>
</tr>
<tr>
<td>2C</td>
<td>#2 AWG</td>
</tr>
<tr>
<td>1C</td>
<td>#1 AWG</td>
</tr>
<tr>
<td>25</td>
<td>3/0</td>
</tr>
<tr>
<td>28</td>
<td>4/0</td>
</tr>
<tr>
<td>29</td>
<td>250 kcmil</td>
</tr>
<tr>
<td>30</td>
<td>300 kcmil</td>
</tr>
<tr>
<td>31</td>
<td>350 kcmil</td>
</tr>
<tr>
<td>32</td>
<td>400 kcmil</td>
</tr>
<tr>
<td>34</td>
<td>500 kcmil</td>
</tr>
<tr>
<td>36</td>
<td>600 kcmil</td>
</tr>
<tr>
<td>39</td>
<td>750 kcmil</td>
</tr>
<tr>
<td>44</td>
<td>1000 kcmil</td>
</tr>
</tbody>
</table>

**Or INDEX NUMBER:** Example U12 = 312 Die Index

### Chart III - Die Style

- **A** = Aluminum
- **R** = Round (circumferential)
- **T** = Twin Die (both halves)
### 60 Ton Dies HPS/Fargo-Equivalent; CD Index, Circumferential Profile

#### 60 Ton Dies HPS/Fargo-equivalent Dies; CD Index, Circumferential

<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 (0.681-0.765 dia.)</td>
<td>394.5-419.6 AAAC</td>
<td>AB150808</td>
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<tr>
<td></td>
<td>Ostrich</td>
<td>300.0 ACSR 26/7 Str.</td>
<td>A150811</td>
</tr>
<tr>
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<td>Merlin</td>
<td>336.4 ACSR 18/1 Str.</td>
<td>A150812</td>
</tr>
<tr>
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<td>Linnet</td>
<td>336.4 ACSR 26/7 Str.</td>
<td>A150813</td>
</tr>
<tr>
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<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>
</tr>
<tr>
<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>
<td>Syringa</td>
<td>477.0 AAC</td>
<td>C150909</td>
</tr>
<tr>
<td></td>
<td>Zinnia</td>
<td>500.0 AAC</td>
<td>C150909</td>
</tr>
<tr>
<td></td>
<td>Hyacinth</td>
<td>500.0 AAC</td>
<td>C150909</td>
</tr>
<tr>
<td></td>
<td>Ganzania</td>
<td>550.0 AAC</td>
<td>C150909</td>
</tr>
<tr>
<td></td>
<td>no name (0.772-0.855 dia.)</td>
<td>465.4-503.6 AAAC</td>
<td>AB150909</td>
</tr>
<tr>
<td></td>
<td>Oriole</td>
<td>336.4 ACSR 30/7 Str.</td>
<td>A150914</td>
</tr>
<tr>
<td></td>
<td>Brant</td>
<td>397.5 ACSR 24/7 Str.</td>
<td>A150916</td>
</tr>
<tr>
<td></td>
<td>Ibis</td>
<td>397.5 ACSR 26/7 Str.</td>
<td>A150917</td>
</tr>
<tr>
<td></td>
<td>Pelican</td>
<td>477.0 ACSR 18/1 Str.</td>
<td>A150919</td>
</tr>
<tr>
<td></td>
<td>Flicker</td>
<td>477.0 ACSR 24/7 Str.</td>
<td>A150920</td>
</tr>
<tr>
<td>10CD60</td>
<td>Dahlia</td>
<td>556.5 AAC</td>
<td>C151000</td>
</tr>
<tr>
<td></td>
<td>Mistletoe</td>
<td>556.5 AAC</td>
<td>C151000</td>
</tr>
<tr>
<td></td>
<td>Meadowsweet</td>
<td>600.0 AAC</td>
<td>C151000</td>
</tr>
<tr>
<td></td>
<td>Orchid</td>
<td>650.0 AAC</td>
<td>C151000</td>
</tr>
<tr>
<td></td>
<td>Heuchera</td>
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<td>C151000</td>
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<tr>
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<td>no name (0.856-0.950 dia.)</td>
<td>545.0-657.3 AAAC</td>
<td>AB151010</td>
</tr>
<tr>
<td></td>
<td>Hawk</td>
<td>477.0 ACSR 26/7 Str.</td>
<td>A151021</td>
</tr>
</tbody>
</table>
## 60 Ton Dies, HPS/Fargo-Equivalent; CD Index, Circumferential Profile

### 60 Ton Dies HPS/Fargo-equivalent Dies; CD Index, Circumferential (Continued)

<table>
<thead>
<tr>
<th>BURNDY Die Catalog Number</th>
<th>Conductor Code Name</th>
<th>Conductor Size</th>
<th>Typical HPS/Fargo Connectors</th>
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</thead>
<tbody>
<tr>
<td>10CD60 (Continued)</td>
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</tr>
<tr>
<td>Osprey</td>
<td>700.0 AAC</td>
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<td>C011111</td>
</tr>
<tr>
<td>Parakeet</td>
<td>700.0 ACSR 18/7 Str.</td>
<td>A151023</td>
<td>A011023</td>
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<tr>
<td>Dove</td>
<td>556.5 ACSR 18/7 Str.</td>
<td>A151024</td>
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<tr>
<td>Swift</td>
<td>715.5 ACSR 24/7 Str.</td>
<td>A151025</td>
<td>A011025</td>
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<tr>
<td>Kingbird</td>
<td>715.5 AAC</td>
<td>C151111</td>
<td>C011111</td>
</tr>
<tr>
<td>Nasturtium</td>
<td>715.5 AAC</td>
<td>C151111</td>
<td>C011111</td>
</tr>
<tr>
<td>Petunia</td>
<td>750.0 AAC</td>
<td>C151111</td>
<td>C011111</td>
</tr>
<tr>
<td>Cattail</td>
<td>750.0 AAC</td>
<td>C151111</td>
<td>C011111</td>
</tr>
<tr>
<td>Arbutus</td>
<td>795.0 AAC</td>
<td>C151111</td>
<td>C011111</td>
</tr>
<tr>
<td>Lilac</td>
<td>795.0 ACSR 26/7 Str.</td>
<td>A151028</td>
<td>A011028</td>
</tr>
<tr>
<td>Fuchsia</td>
<td>800.0 ACSR 18/10 Str.</td>
<td>A151032</td>
<td>A011032</td>
</tr>
<tr>
<td>Heliotrope</td>
<td>800.0 AAC</td>
<td>C151111</td>
<td>C011111</td>
</tr>
<tr>
<td>no name (0.940-1.036 dia.)</td>
<td>739.8-740.8 AAC</td>
<td>A151111</td>
<td>A011111</td>
</tr>
<tr>
<td>Hen</td>
<td>477.0 ACSR 30/7 Str.</td>
<td>A151122</td>
<td>A011122</td>
</tr>
<tr>
<td>Eagle</td>
<td>556.5 ACSR 30/7 Str.</td>
<td>A151126</td>
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<tr>
<td>Peacock</td>
<td>605.0 ACSR 24/7 Str.</td>
<td>A151127</td>
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</tr>
<tr>
<td>Squab</td>
<td>605.0 ACSR 26/7 Str.</td>
<td>A151028</td>
<td>A011028</td>
</tr>
<tr>
<td>Rook</td>
<td>636.0 ACSR 24/7 Str.</td>
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<tr>
<td>Grosbeak</td>
<td>636.0 ACSR 26/7 Str.</td>
<td>A151133</td>
<td>A011133</td>
</tr>
<tr>
<td>Flamingo</td>
<td>666. ACSR 26/7 Str.</td>
<td>A151136</td>
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</tr>
<tr>
<td>Gannett</td>
<td>666.6 ACSR 26/7 Str.</td>
<td>A151137</td>
<td>A011137</td>
</tr>
<tr>
<td>Stilt</td>
<td>715.5 ACSR 24/7 Str.</td>
<td>A151138</td>
<td>A011138</td>
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<tr>
<td>Coot</td>
<td>795.0 ACSR 26/10 Str.</td>
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<tr>
<td>Anemone</td>
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<td>A151212</td>
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<tr>
<td>Crocus</td>
<td>874.5 AAC</td>
<td>C151212</td>
<td>C011212</td>
</tr>
<tr>
<td>Cockscomb</td>
<td>900.0 AAC</td>
<td>C151212</td>
<td>C011212</td>
</tr>
<tr>
<td>Snapdragon</td>
<td>900.0 ACSR 18/1 Str.</td>
<td>A151212</td>
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</tr>
<tr>
<td>Magnolia</td>
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<tr>
<td>Goldenrod</td>
<td>954.0 ACSR 24/7 Str.</td>
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<tr>
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<tr>
<td>Teal</td>
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<tr>
<td>Egret</td>
<td>636.0 ACSR 30/9 Str.</td>
<td>A151234</td>
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</tr>
</tbody>
</table>
### 60 Ton Dies HPS/Fargo-equivalent Dies; CD Index, Circumferential Profile (Continued)

<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>12CD60</td>
<td>Starling</td>
<td>715.5 ACSR 26/7 Str.</td>
<td>A1S1239</td>
</tr>
<tr>
<td></td>
<td>Tern</td>
<td>795.0 ACSR 45/7 Str.</td>
<td>A1S1242</td>
</tr>
<tr>
<td></td>
<td>Cuckoo</td>
<td>795.0 ACSR 24/7 Str.</td>
<td>A1S1243</td>
</tr>
<tr>
<td></td>
<td>Condor</td>
<td>795.0 ACSR 54/7 Str.</td>
<td>A1S12441</td>
</tr>
<tr>
<td></td>
<td>Drake</td>
<td>795.0 ACSR 26/7 Str.</td>
<td>A1S12451</td>
</tr>
<tr>
<td></td>
<td>Ruddy</td>
<td>900.0 ACSR 45/7</td>
<td>A1S1247</td>
</tr>
<tr>
<td></td>
<td>Catbird</td>
<td>954.0 ACSR 36/1 Str.</td>
<td>A1S1249</td>
</tr>
<tr>
<td>13CD60</td>
<td>Hawkweed</td>
<td>1000.0 AAC 37 Str.</td>
<td>C1S1313</td>
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<tr>
<td></td>
<td>Camelia</td>
<td>1000.0 AAC 61 Str.</td>
<td>C1S1313</td>
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<td>Bluebell</td>
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<td>C1S1313</td>
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<td>Larkspur</td>
<td>1033.5 AAC 61 Str.</td>
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<td>1000.0-1127.0 AAAC</td>
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<td>Mallard</td>
<td>795.0 ACSR 30/19 Str.</td>
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<td>Canary</td>
<td>900.0 ACSR 54/7 Str.</td>
<td>A1S1348</td>
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<tr>
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<td>Rail</td>
<td>954.0 ACSR 45/7 Str.</td>
<td>A1S1350</td>
</tr>
<tr>
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<td>Cardinal</td>
<td>954.0 ACSR 54/7 Str.</td>
<td>A1S1351</td>
</tr>
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<td>Ornolane</td>
<td>1033.5 ACSR 45/7 Str.</td>
<td>A1S1353</td>
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<td>14CD60</td>
<td>Hawthorn</td>
<td>1192.5 AAC 61 Str.</td>
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<td>Narcissus</td>
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<td>A1S1456</td>
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<td>Carnation</td>
<td>1431.0 AAC 61 Str.</td>
<td>A1C1515</td>
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<td>no name (1.331-1.425 dia.)</td>
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<td>A1S1558</td>
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<td>Bitter</td>
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<td>Dipper</td>
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<td>A1S1561</td>
</tr>
<tr>
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<td>Martin</td>
<td>1351.5 ACSR 54/19 Str.</td>
<td>A1S1562</td>
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60 Ton Dies, HPS/Fargo-Equivalent; CD Index, Circumferential Profile

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

<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>
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<td>UNI-GRIP Splice</td>
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<tr>
<td>16CD60</td>
<td>Coreopsis</td>
<td>1590.0 AAC 61 Str.</td>
<td>C16166</td>
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<td>Dogwood</td>
<td>1590.0 AAC 91 Str.</td>
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<td>no name (1.426-1.520 dia.)</td>
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<td>Lapwing</td>
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<td>A151667</td>
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<td>Chukar</td>
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<td>Seahawk</td>
<td>1869.0 ACSR 68/7 Str.</td>
<td>A151770</td>
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</table>

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

Bottom: Fargo splice requiring 12CD die index.
### 60 Ton Dies HPS/Fargo-Equivalent; SH and AH Index; Hexagonal Profile

**Two Die Sets Required (sold separately)**

<table>
<thead>
<tr>
<th>Conductor Code Name</th>
<th>Conductor Size</th>
<th>Typical HPS/Fargo Connectors</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Die Splice</td>
<td>2-Die Deadend</td>
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<table>
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<tr>
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<th>Aluminum Die</th>
<th>Steel Die</th>
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<td>75SH60</td>
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<td>76AH60</td>
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<td>Waxwing</td>
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<td>75SH60</td>
<td>Partridge</td>
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<td>Merlin</td>
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<td>Wood Duck</td>
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<td>Tern</td>
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<td>Ruddy</td>
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<td>Rail</td>
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<td>Condor</td>
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<td>Towhee</td>
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<td>14SH60</td>
<td>Cardinal</td>
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<td>Redwing</td>
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<td>14SH60</td>
<td>Curlew</td>
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<td>Pheasant</td>
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<td>Nuthatch</td>
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<td>Parrot</td>
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<td></td>
<td>12SH60</td>
<td>Lapwing</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.
TOOLING

12 Ton U Dies

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

<table>
<thead>
<tr>
<th>Wire Size</th>
<th>Copper</th>
<th>Copper Wide Die**</th>
<th>Aluminum</th>
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<tbody>
<tr>
<td>#8 AWG</td>
<td>U8CRT</td>
<td>U8CRTW</td>
<td>U8CABT</td>
</tr>
<tr>
<td>#6 AWG</td>
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<td>#4 AWG</td>
<td>U4CRT</td>
<td>U4CRTW</td>
<td>U4CABT</td>
</tr>
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<td>U3CRT</td>
<td>U3CRTW</td>
<td>N/A</td>
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<td>U2CRTW</td>
<td>U2CABT</td>
</tr>
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<td>U1CRTW</td>
<td>U1CART</td>
</tr>
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<td>U25RT</td>
<td>U25RTW</td>
<td>U25ART</td>
</tr>
<tr>
<td>2/0 AWG</td>
<td>U26RT</td>
<td>U26RTW</td>
<td>U26ART</td>
</tr>
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<td>U27RT</td>
<td>U27RTW</td>
<td>U27ART</td>
</tr>
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<td>777 Flex</td>
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</tbody>
</table>

CASEUDIES15 die box is available (sold separately) holding up to 15 “U” style (standard or wide) die sets; dies not included.
12 Ton U Die Kits For 35 and 750 Tool Series; 46 Series with PUADP1 Adapter

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

Note: N/A = not applicable

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<th>Wire Size</th>
<th>UDIEKITCU includes</th>
<th>UDIEKITAL includes</th>
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<tbody>
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<td>#8 AWG</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>#6 AWG</td>
<td>U5CRT</td>
<td>U6CABT</td>
</tr>
<tr>
<td>#4 AWG</td>
<td>U4CRT</td>
<td>U4CABT</td>
</tr>
<tr>
<td>#2 AWG</td>
<td>U2CRT</td>
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<td>U1CART</td>
</tr>
<tr>
<td>1/0 AWG</td>
<td>U25RT</td>
<td>U25ART</td>
</tr>
<tr>
<td>2/0 AWG</td>
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<td>U26ART</td>
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<tr>
<td>Die Case</td>
<td>CASEUDIES15</td>
<td>CASEUDIES15</td>
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</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.

UDIEKITHYGRD includes

| UC, UO, U997, PU998, U1011, U1014, U1005, U2CABT (Ground rod pre-crimp die), and CASEUDIES8 die case |
UM-Style Dies

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

Crimps Lug Series

<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>
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<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>
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<td>UM4CN</td>
<td>YAD-M*, YAV-L</td>
</tr>
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<td>UM2CN</td>
<td>YAD-M*, YAV-L</td>
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<td>UM25N</td>
<td>YAD-M*, YAV-L*</td>
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<tr>
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<td>UMC</td>
<td>UM26N</td>
<td>YAD-M*, YAV-L*</td>
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<td>3/0 AWG DLO</td>
<td>UMC</td>
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<td>YAD-M*, YAV-L*</td>
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<td>UME</td>
<td>UM36N</td>
<td>YAD-M*</td>
</tr>
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UMDIEKIT Contents

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Description</th>
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<tbody>
<tr>
<td>UMA</td>
<td>Indenter #8 AWG</td>
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<tr>
<td>UMB</td>
<td>Indenter #6, #4, #2 AWG</td>
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<td>Indenter 1/0-4/0</td>
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<td>UM8CN</td>
<td>Nest #8 AWG</td>
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<td>Nest #6 AWG</td>
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<td>Nest #4 AWG</td>
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<td>UM27N</td>
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<td>UM28N</td>
<td>Nest 4/0 AWG</td>
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</tr>
<tr>
<td>CASEUDIES15</td>
<td>UM Die Kit Case</td>
<td>1</td>
</tr>
</tbody>
</table>

* Not UL Listed
# W Dies For MD/PATMD, 500, and 600 Tool Series

* Sizes 250-500 kcmil are not recommended for use with MD6 & MD7 Series tools due to high handle force, suggest PATMD-LW Series.

** 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>
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<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>
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<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>W660</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>
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<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)

**CASEWDIES** Die box available (sold separately); holds up to 12 “W” or “X” style die sets (dies not included)
**6 Ton W Dies**

**W Die Kits For MD/PATMD, 500, and 600 Tool Series**

* Sizes 250-500 kcmil are not recommended for use with MD6 & MD7 Series tools due to high handle force, suggest PATMD-LW Series.

** 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>WDIEKTCU for Copper includes</th>
<th>WDIEKITAL for Aluminum includes</th>
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</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>
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<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>
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<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)
Battery Cutter, Scissor Action

PATRIOT® Scissor Action Cutter
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
- 355° head rotation
- Multi-position assist handle
- 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:

Copper and Aluminum: up to 4.00” O.D.

Models:

PATCUT4CUALLI with 3.0Ah Li-ion batteries
PATCUT4L5 with 5.0Ah Li-ion batteries

Specifications:

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
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<tbody>
<tr>
<td>Output Force</td>
<td>11 Tons</td>
</tr>
<tr>
<td>Tool Weight</td>
<td>19.70 lbs (without battery)</td>
</tr>
<tr>
<td>Size</td>
<td>24.31” X 3.26” X 15.33”</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:

<table>
<thead>
<tr>
<th>Accessory</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BAT18VL1</td>
<td>3.0Ah Li-ion battery</td>
</tr>
<tr>
<td>BAT18V5AHL1</td>
<td>5.0Ah Li-ion battery</td>
</tr>
<tr>
<td>PATCHGRL1</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>

See Important Notes page at start of Tooling Section.
Battery Cutter, Latch Head

PATRIOT® Latch Head Cutter
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 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:

- **Output Force**: 10 Tons
- **Tool Weight**: 14.10 lbs (without battery)
- **Size**: 16.50” x 13.50” x 3.38”
- **Operating Voltage**: 18 V-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

Models:

- PATCUT2156LI with 3.0Ah Li-Ion batteries, hard case
- PATCUT2156L5 with 5.0Ah Li-Ion batteries, hard case
- PATCUT2156LIPB with 3.0Ah Li-Ion batteries, pro bag
- PATCUT2156L5PB with 5.0Ah Li-Ion batteries, pro bag

Accessories:

- **BAT18VLI**: 3.0Ah Li-Ion battery
- **BAT18V5AHLI**: 5.0Ah Li-Ion battery
- **PATCHGR1L**: 120V-AC charger
- **PATCHGR1LDC**: 12/24V-DC charger
- **PTZ08620**: Lanyard
- **CUT200BLMBL**: Replacement Moving Blade
- **CUT200BLSTA**: Replacement Fixed (Stationary) Blade

See Important Notes page at start of Tooling Section.
PATRIOT® Latch Head Cutter
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 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”

Models:

- PATCUT129L with 3.0Ah Li-Ion batteries, hard case
- PATCUT129L5 with 5.0Ah Li-Ion batteries, hard case
- PATCUT129LPB with 3.0Ah Li-Ion batteries, pro bag
- PATCUT129LPB with 5.0Ah Li-Ion batteries, pro bag

Specifications:

- Output Force: 7 Tons
- Tool Weight: 9.85 lbs (without battery)
- Size: 14.50” x 13.50” x 3.50”
- Operating Voltage: 18 V-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
- PATCHGRLI: 120V-AC charger
- PATCHGRLIDC: 12/24V-DC charger
- PT200820: Lanyard
- PT0037388: Replacement Moving Blade
- PT0037384: Replacement Fixed Blade

See Important Notes page at start of Tooling Section.
Battery Cutter, Latch Head

PATRIOT® Latch Head Cutter
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 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.

Models:

- PATCUT245LI with 3.0Ah battery, hard case
- PATCUT245LS with 5.0Ah battery, hard case
- PATCUT245LIPB with 3.0Ah battery, pro bag
- PATCUT245L5PB with 5.0Ah battery, pro bag

Specifications:

- Output Force: 6 Tons
- Tool Weight: 12.20 lbs (without battery)
- Size: 18.13” 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:

- BAT8VLI: 3.0Ah Li-Ion battery
- BAT8V5AHLI: 5.0Ah Li-Ion battery
- PATCHGLLI: 120V-AC charger
- PATCHGLRLIDC: 12/24V-DC charger
- PTZ08620: Lanyard
- PT0038657: Replacement Moving Blade
- PT0040663: Replacement Fixed Blade

See Important Notes page at start of Tooling Section.
PATRIOT® Scissor Action Cutter
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:

<table>
<thead>
<tr>
<th>Material</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACSR</td>
<td>556.5 kcmil (26/7 Dove)</td>
</tr>
<tr>
<td>AAC</td>
<td>636 kcmil</td>
</tr>
<tr>
<td>Copper</td>
<td>350 kcmil soft drawn copper</td>
</tr>
</tbody>
</table>

Specifications:

- Output Force: 6 Tons
- Tool Weight: 10.10 lbs (without battery)
- Size: 17.00” X 14.25” X 3.00”
- Die Style: W and X dies (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®
- Includes 2 batteries, charger, and polymer carrying case

Crimp/Cut Kits:

- PAT500SJ6LICUTKIT1: Kit includes crimp head with BG & D3 grooves, cutter jaw with ACSR blades, 120V charger and 2 batteries (3.0Ah)
- PAT500SJ68LICUTKIT1: Kit includes crimp head with O & D3 grooves, cutter jaw with ACSR blades, 120V charger and 2 batteries (3.0Ah)

Models:

- PAT500SJ CUTLI: with ACSR cutting jaw, 3.0Ah battery
- PAT500SJ CUTL5: with ACSR cutting jaw, 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
- PATMDX1LWJAW: Crimp jaw with X, P, & J grooves
- **PATMD430LWJAW**: **Crimp jaw, Dieless for #4-3/0 AWG**
- 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
- BAT18VS4HLI: 5.0Ah Li-Ion battery
- PATHGRLi: 120V-AC charger
- PATHGRLDC: 12/24-DC charger
- PATMD6LWJWCVR: Jaw covers for PATMD6 and PATMD68 versions
- PATMD68LWJWCVR: 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

See Important Notes page at start of Tooling Section.
Battery Cutter, Scissor Action

PATRIOT® IN-LINE® 6 Ton Crimper/Cutter
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>556.5 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>

Interchangeable Jaw Assemblies:

*PATMD6LWJAW: Crimp jaw with BG and D3 grooves
*PATMD6OJAW: Crimp jaw with O and D3 grooves
*PATMD6D3JAW: Crimp jaw with D3 groove only
*PATMDXJAW: Crimp jaw with X, P & J grooves
*PATMD430JAW: Crimp jaw, Dieless, #4 AWG - 3/0 AWG
PATMDCUTLWJAW: Cutting jaw with ACSR blades
PATMDCUTCLWJAW: Cutting jaw with CU/AL blades
PATMDCUTGLWJAW: Cutting jaw with GUY blades

Standard Crimp/Cut Kits are available supplied with both crimping and cutting jaws. (See separate pages in Crimpers Section.) *See battery crimper page for complete crimp specifications.

Accessories:

- PATMDCUTACSRKIT: ACSR Replacement blades (2 per kit)
- PATMDCUTCAULKIT: CU/AL Replacement blades (2 per kit)
- PATMDCUTGYKIT: GUY Replacement blades (2 per kit)
- BAT18VL: 3.0Ah Li-Ion battery
- BAT18VL30: 5.0Ah Li-Ion battery
- PATCH6GR1: 120V-AC charger
- PATCH6GR1DC: 12/24V-DC charger
- W28K: Cutter Dies (cuts 4-4/0 CU, AL, ACSR)
- WDIETREE: W-die holder for 6 die sets
- CASEDIES: W-die case holder for 12 die sets
- TOOLBAGMDL: Tool bag (included with tool)

Specifications:

- Output Force: 6 Tons
- Tool Weight: 5.50 lbs (without battery)
- Length: 19.25"
- 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 years on batteries and charger

See Important Notes page at start of Tooling Section.
Patriot® In-Line® 6 Ton Crimper/Cutter
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>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>
<td></td>
</tr>
<tr>
<td>Terminals &amp; Splices</td>
<td>Flex Copper</td>
<td>#8 AWG - 350 kcmil</td>
<td></td>
</tr>
<tr>
<td>Terminals &amp; Splices</td>
<td>Aluminum (AAC)</td>
<td>#8 AWG - 350 kcmil</td>
<td></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>
<td></td>
</tr>
<tr>
<td>Taps</td>
<td>AAC or ACSR</td>
<td>#14 - 4/0 AWG</td>
<td></td>
</tr>
<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>
<th>Conductor Type</th>
<th>Maximum Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACSR (26/7)</td>
<td></td>
<td>556.5 kcmil</td>
</tr>
<tr>
<td>Aluminum (AAC)</td>
<td></td>
<td>636 kcmil</td>
</tr>
<tr>
<td>Copper</td>
<td></td>
<td>350 kcmil</td>
</tr>
</tbody>
</table>

---

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 |
| PATMD6CUTLWJAW | Cutting jaw with ACSR blades |

Accessories:

| PATMD6CUTACSRKIT | ACSR Replacement blades (2 per kit) |
| BAT8VLI | 3.0Ah Li-Ion battery |
| BAT8VSAHLI | 5.0Ah Li-Ion battery |
| PATCHGRLC | 120V-AC charger |
| PATCHGRDLDC | 12/24V-DC 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) |

Specifications:

- Output Force: 6 Tons
- Tool Weight: 5.50 lbs (without battery)
- Length: PATMD6LW 18.73”
- Die Style: W and X dies (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 years on batteries and charger

See Important Notes page at start of Tooling Section.
Battery Cutter, Scissor Action, CU/AL Kits

PATRIOT® IN-LINE® 6 Ton, Crimper/Cutter 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

Specifications:

<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>
</tr>
<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>
</tr>
<tr>
<td>Taps</td>
<td>Copper</td>
<td>#10 - 2/0 AWG</td>
</tr>
<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>
</tr>
</tbody>
</table>

Crimp Capacity

<table>
<thead>
<tr>
<th>Conductor Type</th>
<th>Maximum Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Copper - Soft Drawn</td>
<td>600 kcmil</td>
</tr>
<tr>
<td>Aluminum (AAC)</td>
<td>636 kcmil</td>
</tr>
</tbody>
</table>

CU/AL Blade Cutting Capacity

Models*: all listed include AC Charger

- PATMD6LWCCJ: BG & D3, CU/AL Cutter, 3.0Ah batteries
- PATMD6LWCCJ: O & D3, CU/AL Cutter, 3.0Ah batteries
- PATMD6LWCCJ: D3 only, CU/AL Cutter, 3.0Ah batteries
- PATMD6LWSWCCJ: BG & D3, CU/AL Cutter, 5.0Ah batteries
- PATMD6LWSWCCJ: O & D3, CU/AL Cutter, 5.0Ah batteries
- PATMD6LWSWCCJ: D3 only, CU/AL Cutter, 5.0Ah batteries

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

Accessories:

- PATMD6LCUTCLWKIT: CU/AL Replacement blades (2 per kit)
- BAT38VLI: 3.0Ah Li-Ion battery
- BAT60VSAHLI: 5.0Ah Li-Ion battery
- PATCH1RLI: 120V-AC charger
- PATCH1RLDI: 12/24V-DC charger
- W2BE: Cutter Dies (cuts 4-4/0 CU, AL, ACSR)
- WDIEHTREE: W-die holder for 6 die sets
- CASEW/DIES: W-die case holder for 12 die sets
- TOOLBGMDLI: Tool bag (included with tool)

Specifications:

<table>
<thead>
<tr>
<th>Output Force:</th>
<th>6 Tons</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tool Weight:</td>
<td>5.50 lbs (without battery)</td>
</tr>
<tr>
<td>Length:</td>
<td>18.73”</td>
</tr>
<tr>
<td>PATMD6LW</td>
<td>18.73”</td>
</tr>
<tr>
<td>PATMD6LWL</td>
<td>17.85”</td>
</tr>
<tr>
<td>PATMD6LWL</td>
<td>19.25”</td>
</tr>
<tr>
<td>Die Style:</td>
<td>W and X dies (with crimping jaws)</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>45 minutes (5.0Ah)</td>
<td></td>
</tr>
<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 years on batteries and charger</td>
</tr>
</tbody>
</table>

See Important Notes page at the start of Tooling Section.
TOOLING

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Battery Cutter, Scissor Action, GUY Kits

PATRIOT® IN-LINE® 6 Ton Crimper/Cutter
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:** 5.50 lbs (without battery)
- **Length:**
  - PATMD6LW: 18.73”
  - PATMD68LW: 18.73”
  - PATMD66LW: 17.85”
  - PATMD60003A1: 19.25”
- **Die Style:** W and X dies (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 years on batteries and 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
- **PATMDCUTGLWJAW:** Cutting jaw with GUY blades

Interchangeable Jaws

- Shown with Guy Cutting Jaw
- BG / D3 Groove
- O / D3 Groove
- D3 Groove Only Snub-Nose

GUY Blade Cutting Capacity

<table>
<thead>
<tr>
<th>Conductor Type</th>
<th>Maximum Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Guy Wire (EHS)</td>
<td>3/8”</td>
</tr>
</tbody>
</table>

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
- **PATMDCUTGLWJAW:** Cutting jaw with GUY blades

Models*: all listed include AC Charger

- PATMD6003A1: BG & D3, GUY Cutter, 3.0Ah batteries
- PATMD36003A1: O & D3, GUY Cutter, 3.0Ah batteries
- PATMD26003A1: D3 only, GUY Cutter, 3.0Ah batteries
- PATMD6005A1: BG & D3, GUY Cutter, 5.0Ah batteries
- PATMD36005A1: O & D3, GUY Cutter, 5.0Ah batteries
- PATMD26005A1: D3 only, GUY Cutter, 5.0Ah batteries

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

See Important Notes page at start of Tooling Section.
Battery Cutter, Long Reach, Hot Stick, Scissor Action

PATRIOT® IN-LINE® 82” Pole Cutter/Crimper Hydraulic Self-Contained, 18V Lithium-Ion

For Use On: Maximum Cutting Capacity:

<table>
<thead>
<tr>
<th>Material</th>
<th>Maximum Cutting Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACSR (26/7)</td>
<td>556.5 kcmil</td>
</tr>
<tr>
<td>Aluminum (AAC)</td>
<td>636 kcmil</td>
</tr>
<tr>
<td>Copper (soft drawn)</td>
<td>350 kcmil</td>
</tr>
</tbody>
</table>

Specifications:

- Output Force: 6 Tons
- Operating Voltage: 18 V-DC Lithium-Ion
- Recharge Time: 30 minutes (3.0Ah)
- Warranty: 5 year limited warranty (excludes blades and pole) Lifetime warranty on INFINITY DRIVE®
- EP Enhanced Power — tools accept 2.0, 3.0, 4.0, 5.0, and 6.0Ah Makita batteries

Accessories:

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BAT18VLI</td>
<td>3.0Ah 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>WDIETREE</td>
<td>W-die holder for 6 die sets</td>
</tr>
</tbody>
</table>

Interchangeable Jaw Assemblies:

- PATMDG6LWJAW: Crimp jaw with BG and D3 grooves
- PATMDG68LWJAW: Crimp jaw with O and D3 grooves
- PATMDG66LWJAW: 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

Models:

- PATMDCUT82ALLIF: Cutter jaw; 82” F711 Pole
- PATMD682ALLIF: Crimp Jaws (BG & D3); 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

See Important Notes page at start of Tooling Section.
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:

<table>
<thead>
<tr>
<th>Material</th>
<th>Maximum Diameter</th>
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</thead>
<tbody>
<tr>
<td>Aluminum:</td>
<td>up to 1500 kcmil</td>
</tr>
<tr>
<td>Copper Flex:</td>
<td>up to 1250 kcmil</td>
</tr>
<tr>
<td>Copper (soft drawn):</td>
<td>up to 1000 kcmil</td>
</tr>
<tr>
<td>Copper (hard drawn):</td>
<td>up to 750 kcmil</td>
</tr>
</tbody>
</table>

Do Not Cut Steel or ACSR

Specifications:

- Tool Weight: 6.90 lbs (without battery)
- Size: 15.5” x 6.0” x 4.38”
- Operating Voltage: 18 V-DC Lithium-Ion
- Recharge Time: 30 minutes (3.0Ah)
  45 minutes (5.0Ah)
- Warranty: 3 year limited warranty (excluding blades)
  3 years on battery and charger

Models:

- PATCUT1500LI with 3.0Ah Li-Ion battery, hard case
- PATCUT1500L5 with 5.0Ah Li-Ion battery, hard case
- PATCUT1500LIPB with 3.0Ah Li-Ion battery, pro bag
- PATCUT1500L5PB with 5.0Ah Li-Ion battery, pro bag

Accessories:

- BAT18VLI: 3.0Ah Li-Ion battery
- BAT18VSAHLI: 5.0Ah Li-Ion battery
- PATCHGRLI: 120V-AC charger
- PATCHGRLIDC: 12/24V-DC charger
- CASEPATCUT1500: Polymer carrying case
- P12086ZO: Lanyard
Hand Operated, Latch Head
Cuts up to 1.29" Copper and Aluminum
Hydraulic Self-Contained Cutter

Tool: YCUT129ACSR

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

For Use On:

<table>
<thead>
<tr>
<th>Material</th>
<th>Maximum Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Copper/Aluminum Cable</td>
<td>up to 1.29”</td>
</tr>
<tr>
<td>ACSR</td>
<td>up to 1113 kcmil</td>
</tr>
<tr>
<td>Ground Rod</td>
<td>up to 5/8”</td>
</tr>
<tr>
<td>Rebar</td>
<td>up to 1/2”</td>
</tr>
<tr>
<td>Soft Steel Bolts</td>
<td>up to 5/8”</td>
</tr>
<tr>
<td>Standard Guy</td>
<td>up to 1/2”</td>
</tr>
<tr>
<td>EHS Guy Strand</td>
<td>up to 3/8”</td>
</tr>
</tbody>
</table>

Models:

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>YCUT129ACSR</td>
<td>Self-contained cutter</td>
</tr>
</tbody>
</table>

Specifications:

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Output Force</td>
<td>7 Tons</td>
</tr>
<tr>
<td>Weight</td>
<td>11.4 lbs</td>
</tr>
<tr>
<td>Size</td>
<td>22.50” x 6.63” x 2.50”</td>
</tr>
<tr>
<td>Warranty</td>
<td>5 year limited warranty (excluding blades)</td>
</tr>
</tbody>
</table>

Accessories:

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PT1002416Z:</td>
<td>Carrying Case (included with tool)</td>
</tr>
<tr>
<td>PT10037388:</td>
<td>Moving Blade</td>
</tr>
<tr>
<td>PT10037384:</td>
<td>Fixed Blade</td>
</tr>
</tbody>
</table>
Remote Operated, Scissor Action Cutter
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”

Models:

RHCC4CUAL Standard remote cutter

Specifications:

- Operating Pressure: 10,000 PSI
- Weight: 19.9 lbs
- Size: 21.29” x 9.13” x 5.15”
- Warranty: 5 year limited warranty (excluding blades)

Accessories:

- BAGCNVSX9X24: Canvas Bag available separately (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 Cutter
Cuts up to 2156 kcmil ACSR Cable

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”

Models:

- RHCC2156ACSR: Standard RHCC2156ACSR remote cutter
- RHCC2156ACSRF: RHCC2156ACSR tool with female coupler

Specifications:

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

Accessories:

- PT10054094: Red Nylon Carry Bag available separately (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 Cutter
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”

Models:

RHCC129ACSR Standard remote cutter

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:

- PT0043890: Canvas Bag (included with tool)
- PT0057388: Moving Blade
- PT0057384: Fixed Blade

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

Remote Operated, Latch Head Cutter 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:

- Operating Pressure: 10,000 PSI
- Weight: 8.4 lbs
- Size: 14.80” x 4.74” x 2.45”
- Warranty: 5 year limited warranty (excluding blades)

Models:

RHCC245CUAL Standard remote cutter

Accessories:

PT0040663: Red Nylon Carry Bag (included with tool)
PT0038657: Moving Blade
PT0054094: Fixed Blade

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

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

Models:

MCC600 Manual Cutter, up to 600 kcmil
MCC1000 Manual Cutter, up to 1000 kcmil

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

Manual Cable Cutters
for Copper/Aluminum Cable
Ratchet Cable Cutters

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:

RCC600E:
- Copper & Aluminum 600 kcmil
- 10.50” overall length
- 1.05” max. insulation diameter
- 1.2 lbs

RCC750HD:
- Copper & Aluminum 750 kcmil
- 10.35” overall length
- 1.62” max. insulation diameter
- 2.6 lbs

RCC1000:
- Copper & Aluminum 1000 kcmil
- 20.00” overall length
- 2.38” max. insulation diameter
- 4.5 lbs

Models:

- RCC600E: Ratchet Cutter, up to 600 kcmil
- RCC750HD: Ratchet Cutter, up to 750 kcmil
- RCC1000: Ratchet Cutter, up to 1000 kcmil

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, Aluminum & Copper Cable

Tool Series:  RCC ACSR/AL/CU

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

For Use On:

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

**RCC556:**
- ACSR 556.5 kcmil;
- Aluminum 500 kcmil;
- Copper 500 kcmil;
- 21.00” overall length
- 1.40” max. insulation diameter
- 4.0 lbs

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

Models:

- RCC336: Ratchet Cutter, up to 336 ACSR
- RCC556: Ratchet Cutter, up to 556 ACSR
- RCC954ACSR1K: Ratchet Cutter, up to 954 ACSR

Specifications (RCC954ACSR1K):

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>6.5 lbs</td>
</tr>
<tr>
<td>Size</td>
<td>22.75” x 7.00” x 1.88”</td>
</tr>
<tr>
<td>Max. Insulation Dia.:</td>
<td>1.38”</td>
</tr>
<tr>
<td>Warranty:</td>
<td>1 year limited warranty (excluding blades)</td>
</tr>
</tbody>
</table>

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 Cable

Tool Series: RWRC

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

For Use On:

<table>
<thead>
<tr>
<th>Model</th>
<th>Steel Type: Mild</th>
<th>Diameter:</th>
<th>Overall Length:</th>
<th>Weight:</th>
</tr>
</thead>
<tbody>
<tr>
<td>RWRC516</td>
<td>5/16” diameter</td>
<td>5/16”</td>
<td>10”</td>
<td>1.2 lbs</td>
</tr>
<tr>
<td>RWRC916</td>
<td>9/16” diameter</td>
<td>9/16”</td>
<td>20”</td>
<td>4.4 lbs</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Design</th>
<th>Handle Force</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-ratchet</td>
<td>130</td>
</tr>
<tr>
<td>RWRC916</td>
<td>25</td>
</tr>
</tbody>
</table>
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:

10,000 PSI Remote Heads:

Y34BH, Y35BH, Y35BH4, Y750BHXT, Y750CBHXT, Y45, Y46LWSBH, Y46LWBH, Y60LW, Y4PC834MBH, Y444SBH, Y8IK2MBH, RHCC Series Cutters

Y60LW

Examples of some of the remote crimping and cutting heads for use with Y10AC9 pump

Models:

<table>
<thead>
<tr>
<th>Models</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y10AC9</td>
<td>10,000 psi electric hydraulic pump</td>
</tr>
<tr>
<td>Y10AC90EM</td>
<td>10,000 psi electric hydraulic pump with foot switch; pump features “Jog &amp; Hold”</td>
</tr>
</tbody>
</table>

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:

- YACASE: 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: EPP10

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

For Use With:

10,000 PSI Remote Heads:
Y34BH, Y35BH, Y35BH4, Y750BHXT,
Y750CBHX, Y45, Y46LWSBH, Y46LWH,
Y60LW, Y4PC34MBH, Y444SBH,
Y8IK2MBH, RHCC Series Cutters

Models:

EPP10 10,000 psi electric hydraulic pump

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

Accessories:

EPPCASE1: Steel carrying case with handle, locking latch
PT9711: Pendant switch

See Hydraulic Hoses; Pump Accessories for hose options

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

10,000 PSI Dual Voltage/Hertz, Large Reservoir

Pump Series: EP10

- Dual voltage / hertz
- Oil level window
- 8 quart reservoir

For Use With:

10,000 PSI Remote Heads:

Y34BH, Y35BH, Y35BH4, Y750BHXT, Y750CBHXT, Y45, Y46LWSBH, Y46LW, Y60LW, Y4PC834MBH, Y444SBH, Y8IK2MBH, RHCC Series Cutters

Models:

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EP10</td>
<td>10,000 psi electric hydraulic pump; 1/2 HP 115/230 V-AC; 60 cycle</td>
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<tr>
<td>EP10Z</td>
<td>10,000 psi electric hydraulic pump; 1/2 HP 220/230 V-AC; 50/60 cycle</td>
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<tr>
<td>EP101HP</td>
<td>10,000 psi electric hydraulic pump; 1 HP 115/230 V-AC; 60 cycle</td>
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<tr>
<td>EP101HP2</td>
<td>10,000 psi electric hydraulic pump; 1 HP 220/230 V-AC; 50/60 cycle</td>
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Specifications:

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<tr>
<th>Feature</th>
<th>Specification</th>
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<tbody>
<tr>
<td>Motor</td>
<td>1/2 HP 115/230V-AC, 60 Cycle; 1/2 HP @ 3450 RPM</td>
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<tr>
<td>Max. Current Draw</td>
<td>10 amperes</td>
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<tr>
<td>Reservoir Volume</td>
<td>8 quarts max; 2 quarts min.</td>
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<tr>
<td>Height</td>
<td>17.50”</td>
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<tr>
<td>Base</td>
<td>11.75” x 18.50”</td>
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<tr>
<td>Dry Weight</td>
<td>68.0 lbs (86.0 lbs with max. fluid)</td>
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<tr>
<td>Warranty</td>
<td>5 year limited warranty</td>
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Accessories:

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

10,000 PSI Large 8 Quart Reservoir, Roll Cage

Pump: 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:

10,000 PSI Remote Heads:

Y34BH, Y35BH, Y35BH4, Y750BHXT, Y750CBHXT, Y45, Y46LWSBH, Y46LWBH, Y60LW, Y4PC034MBH, Y444SBH, Y8IK2MBH, 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 (82.0 lbs with max. fluid)
Warranty: 5 year limited warranty

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

Models:

EPAC10 10,000 psi electric hydraulic pump

Accessories:

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

Manual Hand and Foot Style Pumps
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)

For Use With:

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<th>Y34BH, Y35BH, Y35BH4, Y750BHXT, Y750CBHXT, Y45, Y46LWSBH, Y46LWBH, Y60LW, Y4PC834MBH, Y444SBH, Y81K2MBH, RHCC Series Cutters</th>
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Models:

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<td>HP10</td>
<td>10,000 psi hand pump</td>
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<td>FP10</td>
<td>10,000 psi foot pump</td>
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<tr>
<td>FP6</td>
<td>6,000 psi foot pump</td>
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Specifications:

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<tr>
<td>Weight:</td>
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<td>Size:</td>
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<tr>
<td>Height (open):</td>
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<td>Reservoir Volume:</td>
<td>1-1/8 quarts</td>
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<td>Warranty:</td>
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Accessories:

See Hydraulic Hoses; Pump Accessories for Hose options
Gas 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:

10,000 PSI Remote Heads:

Y34BH, Y35BH, Y35BH4, Y750BHXT, Y750CBHXT, Y45, Y46LW5BH, Y46LWBH, Y60LW, Y4PC834MBH, Y444SBH, Y81K2MBH, RHCC Series Cutters

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

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

Models:

GP10 10,000 psi gas driven hydraulic pump

Accessories:

See Hydraulic Hoses; Pump Accessories for Hose options
Non Conductive Hydraulic Hoses

10,000 PSI Non Conductive Hoses

- 3 lengths available in 2 diameters
- Orange
- Stackable couplers (male/female)

Models:

PT2990010 10' length; 3/16” diameter
PT2990015 15' length; 3/16” diameter
PT2990025 25' length; 3/16” diameter
PT2990110 10' length; 1/4” diameter
PT2990115 15' length; 1/4” diameter
PT2990125 25' length; 1/4” diameter

Notes:

For proper care and maintenance of hydraulic hoses, consult the Hydraulic Hose Care Manual; Form #7828.

1/4” diameter (available for 10,000 PSI only) hose provides a higher flow rate for faster ram movement.

6,000 PSI Non Conductive Hoses

- Orange
- Stackable couplers (male/female)

Models:

PT2990210 10' length; 3/16” diameter
Conductive Hydraulic Hoses

10,000 PSI Conductive Hoses

- Stackable couplers (male/female)
- Steel braided with steel spring reinforced ends
- Black

Models:

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

Models:

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

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)

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

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

- Pressure gauge for 10,000 PSI operating hydraulic pumps
Accessories MD6/MD7 Related

MD6CP1 Protective Jaw Covers
- Laminated vinyl jaw covers, supplied as set
- Compact, snap in place easily
- Fits all styles except Snub-Nose variations

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)

PT6744 Jaw Cover (Snub-Nose)
- Semi-rigid Neoprene non-conductive material
- Fits all MD66 Snub-nose variations

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)

PT49311 Die Button Repair Kit
- Replacement die button kit for MD6/MD7 tool variations

PT6733 Hotstick Tool Carrying Bag
- Heavy-duty, adjustable canvas bag
- Accommodates 48”, 60” and 72” variations of the MD6 and Y35 Hotstick tools
Accessories MD6/MD7 Related

WBG Die Set
- Double groove die set
- One (1) crimp per end on service entrance sleeves
- Requires half the number of crimps on other 5/8” sleeves

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

W28K Cutter Die Set
- Cuts #4 - 4/0 ACSR, Aluminum or Copper

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

CASEWDIES Compact Die Case
- Space for 12 W or X style dies (not included)
TOOLING

Accessories 12 and 15 Ton Related

PATPROBAG Heavy Duty Nylon Carry Bag

- Fits all PATRIOT® battery tools (excluding PATCUT4 series)
- Heavy Duty, Water-Resistant Nylon
- Corrosion Resistant Steel Hardware
- Dual Heavy Duty Zippers and Straps; Durable Base Liner and Reinforced Side Walls
- 19.4” x 11.5” x 11” and loaded with pockets for everything needed on the job

PT6545 Die Case for S or P Style Die Sets

- Metal carrying case
- Accommodates 8 S or P Style Die Sets typically used with the Y45 and Y46 series of tools

HYFLUID™ Hydraulic Fluid for HYPRESS™ 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 tools or Y39 (now discontinued)

Steel Carrying Cases for Y35 and Y352

- PT2972 - steel carrying case for Y35 tool
- PT29360 - steel carrying case for Y352 tool

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

CASEUDIES8

- Plastic case design for storage and protection of U dies
- Accommodates 8 die sets
- Case is 11-1/4” x 7-1/2” x 3”

Adjustable Head Grip for Hot Stick

- PT294021 for Y35 and Y750 Remote, PT10128 for Y46 Tool
- Adjustable head grip for joining HYPRESS™ heads to universal hot sticks

PATCUT4 Heavy Duty Nylon Carry Bag

- Fits all PATRIOT® battery tools (excluding PATCUT4 series)
- Heavy Duty, Water-Resistant Nylon
- Corrosion Resistant Steel Hardware
- Dual Heavy Duty Zippers and Straps; Durable Base Liner and Reinforced Side Walls
- 19.4” x 11.5” x 11” and loaded with pockets for everything needed on the job
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

Models:

**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”
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, or 35 series of tools.

- Copper Dies U8CRT to U44XRT
- Aluminum Dies U8CABT to U39ART-2

**Models:**

- **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 below for WIREMIKECI)
- **WIREMIKED**
  - Stainless Steel, decimal markings in place of fraction markings, same capabilities as catalog number 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.

*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
“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™

Models:

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<th>Torque range</th>
<th>Drive Size</th>
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<td>BTW30150</td>
<td>30 - 150 in-lbs; 10.25” long; 3/8” drive</td>
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<tr>
<td>BTW150750</td>
<td>150 - 750 in-lbs; 16.00” long; 3/8” drive</td>
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<tr>
<td>BTW1575F12</td>
<td>15 - 75 ft-lbs; 16.00” long; 1/2” drive</td>
<td></td>
</tr>
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</table>

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
**WEJTAP™ Tooling and Accessories**

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

**WTBASY1**
- 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
  - Yellow: WPBYNBOX25
  - Blue: WPBBNBOX25

**WTHY1S**
- WEJTAP™ tool head
- Installs medium and large (yellow coded) connectors

**WTHRB1S**
- WEJTAP™ tool head
- Installs small and medium (red/blue coded) connectors

**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</th>
<th>WTBNHS*</th>
<th>WTB</th>
<th>WTBGBW</th>
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<th>WTHRBS</th>
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*Note: Non-hotstick power units do not contain features allowing activation with hotsticks; they are not upgradeable.*
WEJTAP™ Hotstick Accessories

**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
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.
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.

FACTORY DIRECT SALES REPRESENTATIVES

With BURNDY Factory Direct Sales Representatives, you have open lines of communication with engineers, product managers, and technical service specialists to ensure that you have the best products for your applications.

INDUSTRY STANDARD COMMITTEE MEMBERS

BURNDY has representation on a wide variety of industry standard committees, such as NEMA, IEEE, CSA, UL, ANSI and IEC, and others, ensuring that our products are manufactured in accordance with these stringent industry standards.

SERVICE TO THE WEST COAST

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.

STORM STOCK SERVICES — WE NEVER POWER DOWN!

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

Leave a voicemail message with the following information:

• Name and Company Name
• Phone Number
• Catalog Number and Quantity
• 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.

*Freight arrangements are the responsibility of the requester. A service charge of $500 will apply to open the BURNDY warehouse.