

# Hydraulic Compression Tools and Dies

TOOLS

## Panduit® Manual Dieless Hydraulic Compression Tool

### Features

- Crimps copper compression lugs and splices from 4 AWG up to 750 kcmil
- Dieless operation — no separate dies to buy or lose
- Develops 6.2 tons of crimping force with four point indenter system
- Two-stage rapid advance hydraulic system minimizes number of pumps required to complete a crimp
- Crimp head rotates 360 degrees for use in restricted spaces
- Aluminum crimp head and fiberglass handles reduce weight



Part Number CT-980

- Flip-top crimp head design allows easy loading of connectors, saves time
- Audible “pop-off” valve indicates crimp completion

## Manual Hydraulic Crimping Tool

**Self-Contained Hydraulic Crimping Tool** installs copper and aluminum connectors and lugs, and 2-way connectors. Features rapid-ram advance mechanism for fast installation, and short fiberglass handles for confined work spaces. Achieves 14 tons of compression force, and uses standard shell dies (sold separately below). Tool comes with carrying case.

### Features

- Two stage pump for rapid advance
- Compatible with all 15500 Series die sets
- Installs lugs and connectors through 750 MCM
- Installs grid connectors through 500 MCM and 5/8" rod
- Uses standard T&B color color-keyed dies shown below
- Weighs 15.4 lbs (less case), 24.4" in length



Part Number EP510

### Installation Range

#### Lugs and Splices

Copper	8 AWG to 750 MCM
Aluminum	10 AWG to 750 MCM

## Hydraulic Head Dies

**Crimping Dies and Connectors** are color coded for easy matching.

- Embosses die index number on connector barrels for post crimp inspection.
- Part number permanently marked on crimping die for easy identification.
- Provides circumferential crimp results in terminations with premium electrical and mechanical performance.



### Head Dies

Polar Wire	Ilco	T&B	Burndy	Panduit	Wire Range	Color Code
DIE-8	ILD-1	15520	U8CRT	CD-920-8	8 AWG	● Red
DIE-6	ILD-2	15522	U5CRT	CD-920-6	6 AWG	● Blue
DIE-4	ILD-3	15527	U4CRT	CD-920-4	4 AWG	● Gray
DIE-2	ILD-4	15528	U2CRT	CD-920-2	2 AWG	● Brown
DIE-1	ILD-4	15513	U1CRT	CD-920-1	1 AWG	● Green
DIE-1/0	ILD-5	15508	U25RT	CD-920-1/0	1/0 AWG	● Pink
DIE-2/0	ILD-6	15526	U26RT	CD-920-2/0	2/0 AWG	● Black
DIE-3/0	ILD-9	15530	U27RT	CD-920-3/0	3/0 AWG	● Orange
DIE-4/0	ILD-10	15511	U28RT	CD-920-4/0	4/0 AWG	● Purple
DIE-250	ILD-11	15510	U29RT	CD-920-250	250 MCM	● Yellow
DIE-300	ILD-12	15534	U30RT	CD-920-300	300 MCM	○ White
DIE-350	ILD-13	15514	U31RT	CD-920-350	350 MCM	● Red
DIE-400	ILD-14	15512	U32RT	CD-920-400	400 MCM	● Blue
DIE-500	ILD-15	15506	U34RT	CD-920-500	500 MCM	● Brown
DIE-600	ILD-16	15536	U36RT	CD-920-600	600 MCM	● Green
DIE-750	ILD-17	15515	U39RT	CD-920-750	750 MCM	● Black

## Panduit® 6.2 Ton Lithium-Ion Dieless Hydraulic Crimper

**Uni-Die Dieless Hydraulic Crimping Tool** develops 6.2 tons of force to crimp 4 AWG to 750 kcmil copper compression lugs and splices, and crimps 25% faster than most comparable tools. Includes two batteries, charger, shoulder strap, and tool bag.

### Features

- Up to 135% more crimps per charge than tools with NiCd or NiMH batteries (up to 183 crimps with a Panduit 500 kcmil lug)
- Provides UL Listed and CSA Certified wire range-taking capability with Panduit copper lugs and splices
- ~3.5 second crimp cycle time
- Ergonomically balanced and lightweight, only 11.75 lbs. with battery
- Aluminum alloy flip-top crimp head rotates 360°
- Audible “pop-off” valve indicates crimp completion
- 120 VAC (230 VAC model also available)



## Panduit® 6.7 Ton Lithium-Ion Dieless In-line Hydraulic Crimper

The Panduit® BlackFin® **Lithium-ion Dieless In-line Hydraulic Crimp Tool** makes terminations quick and easy thanks to a low-profile 350-degree rotating flip-top crimp head, and a variable crimp force of 3.4 - 6.7 tons (30-60 kN).

### Features

- Crimps 8 AWG – 600 kcmil Code and 8 AWG – 373 kcmil flex copper lugs and splices, and 6 AWG – 350 kcmil aluminum lugs and splices
- 2-stage hydraulic system features telescoping indenter, rapid advance and power stroke, 2-7 second crimp cycle, and automatic retraction on completion
- Manual retraction stop with “teach in” feature to set position of piston stop
- Integrated pressure measurements system monitors crimping pressure 32x/second for correct crimp force, and provides visual and audible signals if full crimp force is not attained
- Quick motor stop for high user safety
- Tool function readout via infrared sensor and optional CT-USB adapter
- LED worklight for workpiece illumination
- Ergonomic, low profile, in-line design with soft rubber inlay comfort grips, one button operation
- 300 crimps on a 300 kcmil (150mm<sup>2</sup>) copper code lug per battery charge
- Includes two 18 vdc Li-ion, 3 Amp-hr batteries with fast 22 minute recharge time, charger, and plastic carrying case

