

## Manual and Power-Assisted Compression Tools

### Smart™ Tool

- Automatically compresses to the correct depth based on size of connector in jaws
- C-type head swivels 90° for easy crimp positioning
- Forged steel construction is well suited for both field and bench work
- Installs both Color-Keyed® and non-insulated Sta-Kon® connectors

### How the Smart™ Tool Works

The Smart™ Tool was engineered with built-in intelligence\* that enables it to sense the connector barrel diameter and automatically apply just the right amount of compression force. This eliminates virtually all air spaces and forms the connector and conductor strands into a solid mass, resulting in a high-quality, low-resistance connection. In addition, the tool clearly embosses “T&B” with each compression for positive verification that the correct tool was used.

\* Novopress System

### Uniform, Dependable Connections

The Smart™ Tool gives you consistent, high-quality compression connections over a wide range of connector sizes. Available in manual, battery-powered and air-operated versions, this tool easily installs lugs and splices from #8 AWG through 900 kcmil copper or 750 kcmil aluminum — without changing dies. For the specified wire range, all you need is one tool. You always have the right die size, eliminating die selection mistakes.

### Lower Installation Costs

Productivity will be greatly improved with the Smart™ Tool, especially when installing a variety of connector sizes or types. Initial investment is low, requiring minimal tool inventory. These benefits add up to lower installed cost.

### C-Type Yoke Offers Installation Convenience

The C-type yoke configuration and large die spacing enable the Smart™ Tool to slip directly over the connector. This means added speed and convenience when installing two-way splice connectors, especially in confined spaces.

### Smart™ Tool Range – Taking Features

The following size Color-Keyed® lugs and splice connectors, when crimped with the Smart™ Tool, produce these range-taking capabilities:

Copper		Aluminum	
Standard Wire Size	Range Taking	Standard Wire Size	Range Taking
1/0-AWG	#6-1/0 AWG	1/0-AWG	#6-1/0 AWG
2/0-AWG	#1-2/0 AWG	2/0-AWG	#1-2/0 AWG
4/0-AWG	#2-4/0 AWG	4/0-AWG	#2-4/0 AWG
300 kcmil	#2/0-300 kcmil	300 kcmil	#2/0-300 kcmil
350 kcmil	250-350 kcmil	350 kcmil	250-350 kcmil
500 kcmil	250-500 kcmil	500 kcmil	4/0-500 kcmil
750 kcmil	500-750 kcmil	750 kcmil	500-750 kcmil

## Manual and Power-Assisted Compression Tools

### TBM8-750M-1 12-Ton Dieless Manual Hydraulic Smart™ Tool

**Specifications**

- Installing Range:  
Up to 900 kcmil copper lugs & splices  
Up to 750 kcmil aluminum lugs & splices
- Output Force: 12-Ton
- Dimensions (L x W): 21-1/2 in. x 4-7/32 in.



Creates  
Indent-style  
crimp

Cat. No.	Description	Pkg. Qty.
<b>TBM8-750M-1</b>	12-Ton Dieless Manual Hydraulic Compression Tool	1

### Battpac™ LT TBM8-750BSCR 12-Ton Dieless Battery-Powered Smart™ Tool

**Specifications**

- Installing Range:  
Up to 900 kcmil copper lugs & splices  
Up to 750 kcmil aluminum lugs & splices
- Min. of 40 crimps (4/0 AWG per battery charge)
- Output Force: 12-Ton
- Dimensions (L x W x H): 19-1/2 in. x 3-7/8 in. x 8-1/2 in.
- Battery: Ni-MH 14.4 V 3.0 Ah
- Weight with Battery: 9 lb.



Creates  
Indent-style  
crimp

Cat. No.	Description	Pkg. Qty.
<b>TBM8-750BSCR</b>	12-Ton Dieless Battery-Powered Compression Tool. Includes carrying case, charger, two batteries and carry strap.	1

### TBM8-750 12-Ton Dieless Smart™ Hydraulic Head

**Specifications**

- Installing Range:  
Up to 900 kcmil copper lugs & splices  
Up to 750 kcmil aluminum lugs & splices
- Output Force: 12-Ton
- Operating Pressure: 10,000 psi nominal
- Dimensions (L x W x H): 14-1/2 in. x 4-7/32 in. x 2-9/16 in.
- Weight: 9 lb.



Creates  
Indent-style  
crimp

Cat. No.	Description	Pkg. Qty.
<b>TBM8-750</b>	12-Ton Dieless Hydraulic Compression Head	1

## Options

Cat. No.	Description
<b>TBM8-750G</b>	Field compression gauging kit for above tools
<b>TBM8-750C20</b>	Die set installs Cat. No. 54720 copper "C" taps
<b>TBM8-750C2530</b>	Die set installs Cat. Nos. 54735, 54730 copper "C" taps
<b>TBM8-750C3540</b>	Die set installs Cat. Nos. 54735, 54740 copper "C" taps

Cat. No.	Description
<b>TBM8-750C4550</b>	Die set installs Cat. Nos. 54735, 54750 copper "C" taps
<b>TBM8-750CL</b>	Die set installs Cat. No. 54755 through 54775 copper "C" taps
<b>TBM8-750HG</b>	Die set installs Cat. No. 63110 through 63118 and 63125 copper "H" taps
<b>TBM8-750HB</b>	Die set installs Cat. No. 63140 through 63148 copper "H" taps

## Manual and Power-Assisted Compression Tools



**TBM14M**

### TBM14M 14-Ton Manual Hydraulic Crimp Tool

- Features fiberglass handles for insulation and ease of use in tight spaces
- Two-stage pump provides rapid advance for fast installation
- Uses standard T&B Color-Keyed® 15500 Series dies (refer to pp. E29–E44)

#### Specifications

- Installing Range:
  - Up to 900 kcmil copper lugs & splices
  - Up to 750 kcmil aluminum lugs & splices
  - CHT814-10 to CHT2502-6 copper H-Taps
  - 63105 to 63148 aluminum H-Taps
  - 54755 to 54775 C-Taps
- Output Force: 14-Ton
- Length: 24 in.
- Weight without Dies: 15.4 lb.



**TBM15MG**

Cat. No.	Description	Pkg. Qty.
<b>TBM14M</b>	14-Ton Manual Hydraulic Crimp Tool with Case	1
<b>TBM15MG</b>	15-Ton force test gauge	



### JB12B 12-Ton Manual Hydraulic Crimp Tool

- Self-contained hydraulic crimping tool for copper, aluminum and ASCR connectors
- Two-stage, rapid-ram advance mechanism for fast installation
- 180° head rotation
- Accepts all U-type dies used for Alcoa, Burndy, Thomas & Betts and Blackburn® tools of equivalent tonnage
- Uses standard T&B Color-Keyed® 15500 Series dies (refer to pp. E29–E44)

#### Specifications

- Installing Range:
  - Up to 750 kcmil copper lugs & splices
  - Up to 650 kcmil aluminum lugs & splices
  - CHT814-10 to CHT2502-6 copper H-Taps
  - 63105 to 63148 aluminum H-Taps
  - 54755 to 54770 C-Taps
- Output Force: 12-Ton
- Dimensions (L x W x H):
  - 22-3/4 in. x 2-1/2 in. x 4-7/8 in.
- Weight without Dies: 13 lb.

Cat. No.	Description	Pkg. Qty.
<b>JB12B</b>	12-Ton Compression Tool	1

## Manual and Power-Assisted Compression Tools

### Li Inline 12-Ton Open Crimp Tool

- Designed for one-handed control ram advancement and retraction
- Rotating head allows maximum flexibility for crimping and a protective rubber boot on “C” head
- Rapid advance feature decreases crimp time
- Approx. 150 crimps per full battery charge (based on 3/0 AWG cable)

#### Specifications

- Capacity: Cu #8-750 kcmil, Al #8-750 kcmil
- Output Force: 12-Ton
- Dimensions (L x W x H): 16.5 in. x 3.3 in. x 12.6 in.
- Battery: 14.4 V DC
- Weight with Battery: 16.8 lb.



Cat. No.	Description	Pkg. Qty.
<a href="#">TBM12PCR-LI</a>	Li Inline 12-Ton open die crimp tool.	1