



A RANGE OF  
**CUTTING**  
**CRIMPING**  
MULTI PURPOSE  
**HYDRAULIC**  
**TOOLS FOR**  
ELECTRICAL  
INDUSTRY





## INTRODUCTION

Our product catalogue contains a wide range of cutting, crimping and other multipurpose hydraulic tools which are being generally used in the Electrical Industry. A brief technical write up is here to ensure a **PERFECT CRIMPED JOINT** always as a **JOINT** can be considered as the **NERVE CENTRE** of an Electrical System.

The most commonly used Crimping methods are Indent style and Hexagonal type. Indent style crimping method is usually used for crimping fine stranded and compacted conductors. This style of crimp yields great pullout resistance and good electrical performance when correctly made with a properly sized tool for the cable and connector. As the strands are formed tightly together inside the connector, nearly all air gaps are removed from the conductor. However, it is more difficult to check if an indent style crimp has been properly made compared to hex-style crimps.

Hexagonal type the most common type of crimp, create strong mechanical connections. The advantage of this style crimp is that force is applied consistently from all directions over a larger area during crimping, preventing any damage to the conductors. This style crimp is an industry standard for aluminum and copper cables up to 1000mm<sup>2</sup>. Hex-style crimps yield superior electrical performance in addition to great pullout strength.

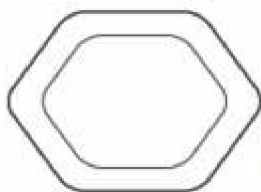


**Indent Crimp Profile**



**Hexagonal Crimp Profile**

## QUICK REFERENCE WHICH TELLS YOU THE CRIMP QUALITY



**Acceptable**



**Not Acceptable-under Crimped**

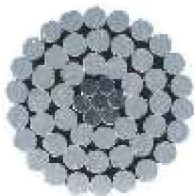


**Not Acceptable-over Crimped**



# MANUAL HYDRAULIC CABLE CUTTER

Model No.  
**CT-CC-M-32**



### Cutting Capacity:

Wire rope 6x19	: 32mm
Soft copper bar	: 32mm
Soft aluminium bar	: 32mm
Mild Steel Rod	: 25mm
Cu conductor	: 32mm
Al conductor	: 32mm
ACSR conductor	: 32mm

### Features :

- Heavy duty hydraulic cutter with overload protection.
- Single acting Ram with spring return facility.
- Blades can be changed easily.
- Head can be rotated 180 Deg.

**Height:** 600 mm

**Weight:** 9 kgs

### Technical Data :

Max Pressure : 700 bar

Oil Required : 170 cc

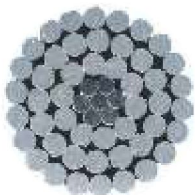
Max Output : 14 tons





# MANUAL HYDRAULIC CABLE CUTTER

Model No.  
**CT-CC-M-45**



**Height:** 680 mm

**Weight:** 7 kgs

**Technical Data :**

Max Pressure : 700 bar

Oil Required : 150 cc

Max Output : 10 tons



**Cutting Capacity:**

Wire rope 6x19 : 25 mm

Soft copper bar : 32mm

Soft aluminium bar : 40 mm

Mild Steel Rod : 20mm

Cu conductor : 45 mm

Al conductor : 45mm

ACSR conductor : 45mm

**Features :**

Heavy duty hydraulic cutter with overload protection.

Single acting Ram with spring return facility.

Blades can be changed easily.

Head can be rotated 180 Deg.

**CUT IT**

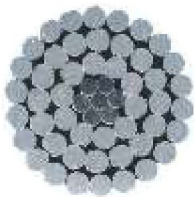
**CRIMP-IT**

**FORCEIT**



# MANUAL HYDRAULIC CABLE CUTTER

Model No.  
**CT-CC-M-55**



### Cutting Capacity:

Wire rope 6x19	: 30 mm
Soft copper bar	: 36 mm
Soft aluminium bar	: 30 mm
Mild Steel Rod	: 22 mm
Cu conductor	: 54 mm
Al conductor	: 54 mm
ACSR conductor	: 54 mm

### Features :

- Heavy duty hydraulic cutter with overload protection.
- Single acting Ram with spring return facility.
- Blades can be changed easily.
- Head can be rotated 180 Deg.

**Height:** 630 mm

**Weight:** 10.5 kgs

### Technical Data :

Max Pressure : 700 bar

Oil Required : 90 cc

Max Output : 12 tons





# MANUAL HYDRAULIC CABLE CUTTER

Model No.  
**CT-CC-M-85**



### Cutting Capacity:

Wire rope 6x19	: 30 mm
Soft copper bar	: 36 mm
Soft aluminium bar	: 30 mm
Mild Steel Rod	: 22 mm
Cu conductor	: 54 mm
Al conductor	: 54 mm
ACSR conductor	: 54 mm

### Features :

- Heavy duty hydraulic cutter with overload protection.
- Single acting Ram with spring return facility.
- Blades can be changed easily.
- Head can be rotated 180 Deg.

**Height:** 720 mm

**Weight:** 10 kgs

### Technical Data :

Max Pressure : 700 bar

Oil Required : 150 cc

Max Output : 5 tons

