



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 1000mm². Hex-style crimps yield superior electrical performance in addition to great pullout strength.

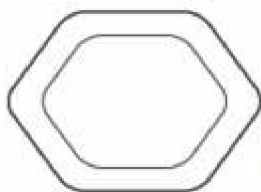


Indent Crimp Profile



Hexagonal Crimp Profile

QUICK REFERENCE WHICH TELLS YOU THE CRIMP QUALITY



Acceptable



Not Acceptable-under Crimped



Not Acceptable-over Crimped



LITHIUM METAL HYDRIDE BATTERY POWERED CABLE CUTTER

**Model No.
CT-CC-IB-50**



Height: 350 mm

Weight: 2.6 kgs (Including Battery)

Technical Data :

Motor : 12V DC Motor

Charger (BOSCH) :

Input Voltage : 230V Single phase AC

Input frequency : 50-60Hz

Input Current : 21.75VA

Required Oil : 130 cc



**Can Cut Un-Armoured cables upto
50mm Outer Dia.**

**Can Cut Soft Copper conductors upto
34mm Outer Dia.**

**Can Cut Hard Copper conductors upto
20mm Outer Dia.**





LITHIUM METAL HYDRIDE BATTERY POWERED CABLE CUTTER

**Model No.
CT-CC-IB-54-HD**



Height: 360 mm

Weight: 4 kgs (Including Battery)

Technical Data :

Motor : 14.4V DC Motor

Charger (BOSCH) :

Input Voltage : 230V Single phase AC

Input frequency : 50-60Hz

Input Current : 21.75VA

Required Oil : 130 cc



**Can Cut Un-Armoured cables upto
54mm Outer Dia.**

**Can Cut Soft Copper conductors upto
34mm Outer Dia.**

**Can Cut Hard Copper conductors upto
20mm Outer Dia.**





LITHIUM METAL HYDRIDE BATTERY POWERED CABLE CUTTER

**Model No.
CT-CC-IB-85-SC**



Height: 360 mm

Weight: 4 kgs (Including Battery)

Technical Data :

Motor : 14.4V DC Motor

Charger (BOSCH) :

Input Voltage : 230V Single phase AC

Input frequency : 50-60Hz

Input Current : 21.75VA

Required Oil : 130 cc



**Can Cut Un-Armoured cables upto
80mm Outer Dia.**

**Can Cut Soft Copper conductors upto
60mm Outer Dia.**

**Can Cut Hard Copper conductors upto
50mm Outer Dia.**

