



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.

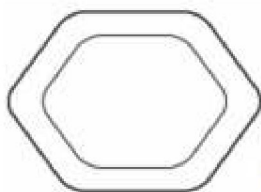


Indent Crimp Profile



Hexagonal Crimp Profile

QUICK REFERENCE WHICH TELLS YOU THE CRIMP QUALITY



Acceptable



Not Acceptable-under Crimped



Not Acceptable-over Crimped



HAND HYDRAULIC CRIMPING TOOL

Model No.
CT-HC-185



Length: 375 mm

Weight: 2 kgs

Technical Data :

Max Pressure : 450 bar

Oil Required : 60 cc

Max Output : 5 tons

Crimping Capacity:

From 10 Sq.mm. to 185 Sq.mm.
Hexagonal dies provided.

Features :

Overload protection provided.

Slim design enables crimping at remote places.

Easily die replacement arrangement.





HAND HYDRAULIC CRIMPING TOOL

Model No.
CT-HC-240



Length: 380 mm

Weight: 2.5 kgs

Technical Data :

Max Pressure : 450 bar

Oil Required : 60 cc

Max Output : 5 tons

Crimping Capacity:

From 10 Sq.mm. to 240 Sq.mm.
Hexagonal dies provided.

Features :

Overload protection provided.

Slim design enables crimping at remote places.

Easily die replacement arrangement.





HAND HYDRAULIC CRIMPING TOOL

Model No.
CT-HC-240-LD



Length: 430 mm

Weight: 3.5 kgs

Technical Data :

Max Pressure : 500 bar

Oil Required : 60 cc

Max Output : 6 tons

Crimping Capacity:

From 10 Sq.mm. to 240 Sq.mm.
Hexagonal dies provided.

Features :

Overload protection provided.

Slim design enables crimping at
remote places.

Easily die replacement arrangement.





HAND HYDRAULIC CRIMPING TOOL

Model No.
CT-HC-400-C



Length: 600 mm

Weight: 7.5 kgs

Technical Data :

Max Pressure : 700 bar

Oil Required : 150 cc

Max Output : 12 tons

Crimping Capacity:

From 10 Sq.mm. to 400 Sq.mm.
Hexagonal dies provided.

Features :

Overload protection provided.
Slim design enables crimping at remote places.
Easily die replacement arrangement.





HAND HYDRAULIC CRIMPING TOOL

Model No.
CT-HC-400-C-W



Length: 650 mm

Weight: 8 kgs

Technical Data :

Max Pressure : 700 bar

Oil Required : 150 cc

Max Output : 12 tons

Crimping Capacity:

From 10 Sq.mm. to 400 Sq.mm.
Hexagonal dies provided.

Features :

Overload protection provided.

Slim design enables crimping at remote places.

Easily die replacement arrangement.





HAND HYDRAULIC CRIMPING TOOL

Model No.
CT-HC-400-LT



Length: 560 mm

Weight: 6 kgs

Technical Data :

Max Pressure : 700 bar

Oil Required : 140 cc

Max Output : 14 tons

Crimping Capacity:

From 10 Sq.mm. to 400 Sq.mm.

Hexagonal dies as well as W-type dies can be provided.

Features :

Overload protection provided.

Slim design enables crimping at remote places.

Easily die replacement arrangement.





HAND HYDRAULIC CRIMPING TOOL

Model No.
CT-HC-300-DL



Crimping Profile



Length: 600 mm

Weight: 6 kgs

Technical Data :

Max Pressure : 700 bar

Oil Required : 30 cc

Max Output : 6 tons

Crimping Capacity:

Dieless tool upto 300 Sq.mm.
connectors.

Features :

Overload protection provided.

Slim design enables crimping at
remote places.

Easily die replacement arrangement.

