



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.

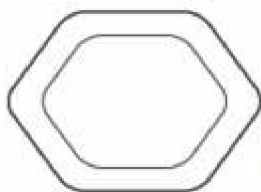


Indent Crimp Profile



Hexagonal Crimp Profile

QUICK REFERENCE WHICH TELLS YOU THE CRIMP QUALITY



Acceptable



Not Acceptable-under Crimped

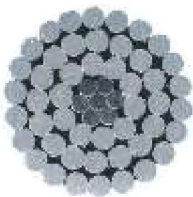


Not Acceptable-over Crimped



HYDRAULIC CABLE CUTTING HEAD

Model No.
CT-CC-H-24



Length: 170 mm

Weight: 3 kgs

Technical Data :

Max Pressure : 700 bar

Oil Required : 50 cc

Max Output : 8 tons



Cutting Capacity:

Wire rope 6x19 : 24 mm

Soft copper bar : 20 mm

Soft aluminium bar : 20 mm

Mild Steel Rod : 20 mm

Cu conductor : 24 mm

Al conductor : 24 mm

ACSR conductor : 24 mm

Features :

Remote cutting head to be used with any kind of hydraulic pumps capable of delivering 700 bar pressure.

Blades are easily replaceable.

Conductor removal is easy.





HYDRAULIC CABLE CUTTING HEAD

Model No.
CT-CC-H-45



Cutting Capacity:

Wire rope 6x19	: 25 mm
Soft copper bar	: 32 mm
Soft aluminium bar	: 40 mm
Mild Steel Rod	: 20 mm
Cu conductor	: 45 mm
Al conductor	: 45 mm
ACSR conductor	: 45 mm

Length: 350 mm

Weight: 4.7 kgs

Technical Data :

Max Pressure : 700 bar

Oil Required : 70 cc

Max Output : 10 tons

Features :

Remote cutting head to be used with any kind of hydraulic pumps capable of delivering 700 bar pressure.

Blades are easily replaceable.

Conductor removal is easy.





HYDRAULIC CABLE CUTTING HEAD

Model No.
CT-CC-H-55



Length: 365 mm

Weight: 7 kgs

Technical Data :

Max Pressure : 700 bar

Oil Required : 90 cc

Max Output : 12 tons



Cutting Capacity:

Wire rope 6x19 : 30 mm

Soft copper bar : 35 mm

Soft aluminium bar : 35 mm

Mild Steel Rod : 22 mm

Cu conductor : 55 mm

Al conductor : 55 mm

ACSR conductor : 55 mm

Features :

Remote cutting head to be used with any kind of hydraulic pumps capable of delivering 700 bar pressure.

Blades are easily replaceable.

Conductor removal is easy.





HYDRAULIC CABLE CUTTING HEAD

Model No.
CT-CC-H-35-OH



Length: 365 mm

Weight: 3.5 kgs

Technical Data :

Max Pressure : 700 bar

Oil Required : 60 cc

Max Output : 6 tons

Cutting Capacity:

Cu conductor : 35 mm

Al conductor : 35 mm

Features :

Open frame design enables remote cuttings easy.

Can be operated with any 700 bar hydraulic source.

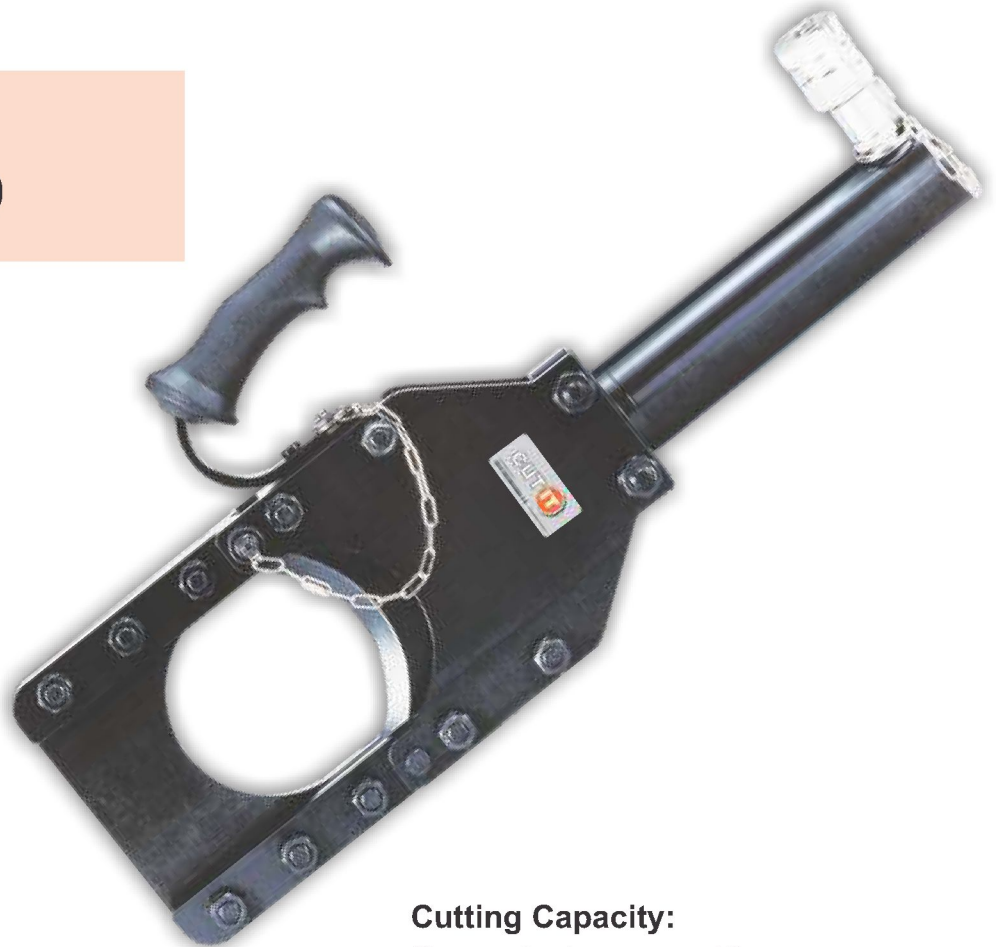
Blades are easily replaceable.





HYDRAULIC CABLE CUTTING HEAD

Model No.
CT-CC-H-100



Length: 600 mm

Weight: 13 kgs

Technical Data :

Max Pressure : 700 bar

Oil Required : 150 cc

Max Output : 9 tons

Cutting Capacity:

Cu conductor : 42 mm

Al conductor : 46 mm

Sheathed Cable : 100 mm

Features :

Cutting head provided with lock pin for operator convenience.

Can be operated with any 700 bar hydraulic source.

Blades are easily replaceable.





HYDRAULIC CABLE CUTTING HEAD

Model No.
CT-CC-H-120



Length: 560 mm

Weight: 10 kgs

Technical Data :

Max Pressure : 700 bar

Oil Required : 200 cc

Max Output : 10 tons

Cutting Capacity:

Cu conductor : 120 mm

Al conductor : 120 mm

Sheathed Cable : 120 mm

Features :

Cutting head provided with lock pin for operator convenience.

Can be operated with any 700 bar hydraulic source.

Blades are easily replaceable.

