

Crimping Tools

**Mechanical Multi Crimping Tool
CMMT 007**

Features

Ratchet mechanism
Release after perfect crimp
Quick interchangeable dies
Storage systems in handle

Specifications

Range

0,5 to 6 sq mm for insulated cable lugs
0,5 to 10 sq mm for non-insulated cable lugs
0,5 to 10 sq mm for end sleeves
Lenth: 220 mm
Weight: 600 g
Crimping Profile: Indent/Oval/Trapezold crimp



**Mechanical Hand Crimping Tool
CMNI 105006**

Features

Ratchet mechanism
Compact, pocket-size design
Ergonomic handles for low effort indent crimping
Ratchet action to ensure full crimp cycle
Connector & non-insulated terminal

Specifications

Range: 1,5 to 6 sq mm for non-insulated terminals
Lenth: 198 mm
Weight: 350 g
Crimping Profile: Indent crimp



**Mechanical Hand Crimping Tool
CMNI 005016**

Features

Ratchet mechanism
Professional crimping tool for reliable performance
Ergonomic handles for low effort indent crimping
Ratchet action ensures full crimp cycle with safety release
Minimum set of 80,000 cycles

Specifications

Range: 0,5 to 16 sq mm for non- insulated terminals
Length: 225 mm
Weight: 540 g
Crimping profile: Indent crimp



**Mechanical Hand Crimping Tool
CMI 152546**

Features

Ratchet Mechanism
The dies are color marked for inspection and correct use of the tool.
Ergonomic handles allow two-hand operation for perfect crimp.
Low effort oval crimping.
Ratchet action ensures full crimp cycles.

Specifications

Range: 1,5, 2,5, 4-6 sq mm for insulated terminals
Length: 225 mm.
Weight: 540 g
Crimping profile: Oval crimp



**Mechanical Hand Crimping Tool
CMOB 154863**

Features

Compact, pocket-size design
Ergonomic handles for low effort roll crimping
Ratchet action ensures full crimp cycles with safety release.
Minimum 80,000 cycles
Factory set with a precise eccentric cam adjustment function

Specifications

Range: 1,5,4,8,6,3 sq mm for open barrel tab terminals
Length: 210 mm
Weight: 600 g
Crimping profile: Roll crimp



**Mechanical Hand Crimping Tool
CMES 050006**

Features

Compact, pocket-size design
Ergonomic handles for low effort trapezoid crimping
Ratchet action ensures full crimp cycles with safety release.
Minimum 80000 cycles
Factory set with a precise eccentric cam adjustment function

Specifications

Range: 0,5- 6 sq mm for end sleeves
Length: 215 mm
Weight: 470 g
Crimping profile: Trapezoid crimp



**Mechanical Hand Crimping Tool
CM 4 ES - 050006**

Features

Self adjusting tool with single die to crimp all terminals within its range
 Side entry for easy access within confined spaces
 Compact, pocket-size design
 Ratchet action ensures full crimp cycle with safety release
 Factory set with a precise eccentric cam adjustment function.

Specifications

Range: 0.5 - 6.0 mm for end sleeves
 Length: 180 mm
 Weight: 360 g
 Crimping profile: Square crimp



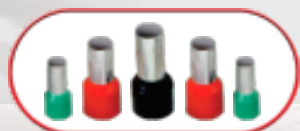
**Mechanical Hand Crimping Tool
CM 6 ES - 050006**

Features

Self adjusting tool with single die to crimp all terminals within its range
 Side entry for easy access within confined spaces
 Compact, pocket-size design
 Ratchet action ensures full crimp cycle with safety release
 Factory set with a precise eccentric cam adjustment function

Specifications

Range: 0.5 - 6.0 mm for end sleeves
 Length: 180 mm
 Weight: 360 g
 Crimping profile: Hex crimp



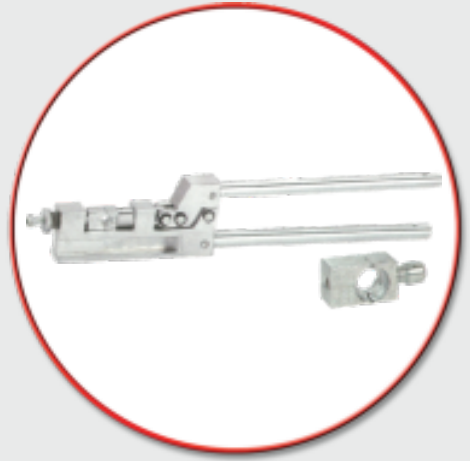
**Mechanical Crimping Tool
(CBRD-010095)**

Features

Changeable dies
Precision crimps
For insulated / non insulated cable terminals

Specifications

Dies: 10 mm² to 95 mm² (7 Sets)
Weight: 5,5 kg
Packing: Paper Box
Crimping Profile: Hexagonal



**Mechanical Crimping Tool
(CBRD-010185)**

Features

Changeable dies
Precision crimps
For insulated / non insulated cable terminals
With extra handles for higher leverage

Specifications

Dies: 10 mm² to 185 mm² (10 Sets)
Weight: 7,5 kg
Packing: Paper Box
Crimping Profile: Hexagonal



**Mechanical Crimping Tool
(CBRD-010240) - Dieless**

Features

Adjustable dies / Precision crimps
For non insulated cable terminals
With extendable handles

Specifications

Adjustable screw to suit terminal size
Weight: 3.5 kg
Packing: Paper box
Crimping profile: Indent crimp



**Mechanical Crimping Tool
(CMLT-010185)**

Features

Changeable dies / Precision crimps
For insulated / non insulated cable terminals

Specifications

Dies: 10 mm² to 185 mm² (10 Sets)
Weight: 4.8 kg
Packing: Paper box
Crimping profile: Hexagonal



**Mechanical Crimping Tool
(CMLT-025400)**

Features

Changeable dies / Precision crimps
For insulated / Non insulated cable terminals
Extra handles for higher leverage

Specifications

Dies: 10 mm² to 185 mm² (10 Sets)
Weight: 4.8 kg
Packing: Steel case
Crimping Profile: Hexagonal



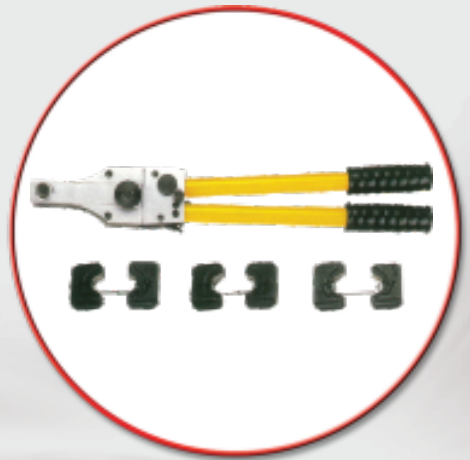
**Mechanical Crimping Tool
(CMGP-016240)**

Features

Gear powered mechanism
Changeable dies / Precision crimps
For insulated / Non insulated cable terminals

Specifications

Dies: 16 mm² to 240 mm² (10 Sets)
Weight: 4.8 kg
Packing: Steel case
Crimping Profile: Hexagonal



Mechanical Crimping Tool (CMGP-025400)

Features

Gear powered mechanism
Changeable dies / Precision crimps
For insulated / Non insulated cable terminals

Specifications

Dies 25 mm² to 400 mm² (11Sets)
Weight: 5.2 kg
Packing: Steel case
Crimping profile: Hexagonal



Mechanical Armoured Cable Cutter (CARC-075630)

Features

Heavy-duty ratchet movement.
Telescopic handles for higher leverage.
Suitable for LT/HT armored cable.
Specially designed forged blade.

Specifications

Range: Armored cable up to 75mm diameter.
Length: approx-450-600mm.
Weight: approx-6.500 Kg
Don't cut mild steel or steel rod



**Mechanical Hand Crimping Tool
CMRD 006050**

Features

Powerful Mechanical Crimping
Rotatable dies for selection of proper size
Eliminates loss of dies

Specifications

Range: 6 to 50 sq mm for Cu/Al terminals
Length: 400 mm
Weight: 1.4 Kg
Crimping profile: Hexagonal



**Mechanical Hand Crimping Tool
CMRD 010120**

Features

Powerful Mechanical Crimping
Rotatable dies for selection of proper size
Eliminates loss of dies

Specifications

Range: 10 to 120 sq mm for Cu/Al terminals
Length: 650 mm
Weight: 3.8 Kg
Crimping profile: Hexagonal



**Mechanical Hand Crimping Tool
CMLH 010150**

Features

Flip top crimp head
Powerful mechanical crimping
350 degree rotatable head
Suitable for LT/HT joints
Telescopic handles for higher leverage

Specifications

Range: 10-150 mm² Cu/Al terminals/connectors
Length: 600 mm
Weight: 2.8 Kg
Crimping profile: Hexagonal



**Mechanical Hand Crimping Tool
CMLH 025300**

Features

Flip top crimp head
Powerful mechanical crimping
350 degree rotatable head
Suitable for LT/HT joints
Telescopic handles for higher leverage

Specifications

Range: 25 to 300 mm² for Cu/Al terminals/connectors
Length: 700 mm
Weight: 6 Kg
Crimping profile: Hexagonal



**Mechanical Hand Cutters
CCR 032240
Ratchet Cable Cutter**

Features

Heavy-duty ratchet movement
Simple, one hand operation
Compact, light weight
Specially designed blade for smooth cutting

Specifications

Range: Up to 240 sq mm (32 mm dia) for Cu/Al terminals
Length: 260 mm
Weight: 560 g

Not for cutting steel or steel wire armoured cables.



**Mechanical Hand Cutters
CCR 052400
Ratchet Cable Cutter**

Features

Heavy-duty ratchet movement
Simple, one hand operation
Compact, light weight
Specially designed blade for smooth cutting

Specifications

Range: Up to 400 sq mm (52 mm dia) for Cu/Al terminals
Length: 290 mm
Weight: 750 g

Not for cutting steel or steel wire armoured cables.



Mechanical Hand Cutters
CCLH 025120, CCLH 032300, CCLH 055500

Features

Compact and light weight
Long handles higher leverage
For cutting Cu/Al unarmoured cables

Specifications

Model	Range	Length	Weight
CCLH 025120	up to 125 sq mm	300 mm	700 g
CCLH 032300	up to 250 sq mm	530 mm	1.2 Kg
CCLH 055500	up to 500 sq mm	770 mm	3 Kg



Not for cutting steel or steel wire armoured cables.

Mechanical Hand Cutters
CCLH 032240 - ST

Features

Heavy-duty, easy movement
Compact and light weight
Telescopic handles for higher leverage

Specifications

Range: Up to 240 sq mm (32 mm dia) for Cu/Al cables
Length: up to 530 mm
Weight: 2,3 Kg

Not for cutting steel or steel wire armoured cables.



**Cable Knife
CKN-050180**

Features

High quality carbon steel for long life
Straight shape with firm grip handle
Transparent protective shell
Suitable for removing insulation of sector and round cable cores

Specifications

Blade length: 50 mm
Total length: 180 mm
Weight: 75 g



**Heavy Duty Cable stripper
CSC - 006025**

Features

Suitable for stripping insulation
Stripping thickness can be adjusted

Specifications

Suitable for cable dia 6mm-25mm
Strippable thickness: Up to 5mm
Size: 140x42x38 mm
Weight: 0.1 kg



**Cable Stripper for RG Cable
CSRG 585962**

Features

Compact light weight
Packet size design
Specially for RG cables

Specifications

Range: RG 58, 59, 62 - 3 & 4 core
Length: 100 mm
Weight: 40 g



**Cable Stripper & Cutter
for Special Cables
CSC-050008**

Features

Compact light weight
Packet size design
Specially for optic fiber cables

Specifications

Range: 0.2 to 8 mm, UTP & 8TP
Length: 200 mm
Weight: 0.30kg



**Cable Cutter & Stripper
CSC 008006**

Features

Duck-mouth style automatic cutter and stripper
For stripping PVC insulation of wires
0,08 - 6 mm dia
Plastic jaws and adjustable length
Shock-resistant fiber glass plastic body

Specifications

Stripping range: 0,8-6 mm diameter
Length: 170 mm
Weight: 20 g



**Ratchet Wheel Type Stripper
CPG 025100**

Features

For stripping of cables over 25 mm dia
Various insulation layers can be stripped
Suitable for vertical and round cutting
Cutting depth adjustable

Specifications

Length: 170 mm
Weight: 15 g



**Cable Preparation Tool
CPT 015040****Features**

For stripping XLPE insulation/semi conductive screen of HV cable cores - 15 to 40 mm dia
Specially designed adjustable blade for different stripping thickness
Conductor untouched by blade while stripping
Sharpening and replacement of blade possible

Specifications

Length: 245 mm Weight: 630 g

**Cable Preparation Tool
CPT 030065****Features**

For stripping XLPE insulation/semi conductive screen of HV cable cores - 30 to 65 mm dia
Specially designed adjustable blade for different stripping thickness
Conductor untouched by blade while stripping
Sharpening and replacement of blade possible

Specifications

Length: 290 mm Weight: 830 g

**Cable Preparation Tool
CPT 040090****Features**

For stripping XLPE insulation/semi conductive screen of HV cable cores - 40 to 90 mm dia
Specially designed adjustable blade for different stripping thickness
Conductor untouched by blade while stripping
Sharpening and replacement of blade possible

Specifications

Length: 510 mm Weight: 2.5 kg



**Cable Polishing Machine
CCPM - 113366****Features**

For polishing HT cable core insulation
Polishing belt fits circular cables arc closely
Eliminates laborious manual polishing
Specification

Specifications

Size of polishing belt - 30mm x 535mm.
Motor: 220V AC
Total weight: 2.1 Kg
Supplied with belt: 1pc each of 40,60,80,100 & 120 grade

**Armored Cable Cutter
CARC-120220****Features**

Suitable for cutting steel wire armored cable up to 120 mm diameter.
Dual bearing support for increased durability of blade.
Powerful motor designed for on-site job application.
Control knob for regulating speed of blade for various applications.

Specifications

Cutting speed 30-75 mtr / min
Tool length 550 mm,
Tool Weight 6.350 Kg
Packing Carrying case



**Electric Harnessing Machine
CEHM 005016****Features**

An ideal electrical crimping machine
For insulated, non-insulated terminals and end sleeves
High speed operation with precision crimps
Table mounted; supplied with foot switch
Supplied with 7 sets of interchangeable crimping dies
Very useful for large quantity terminal crimping

Specifications

Range 0.5 to 16 sq mm
Cable Cutting: Up to 7 mm dia
Output: 1.7 KN (170 kg)
Crimping Cycle: 1.5 to 2 secs
Power Supply: AC 240 V
Power Consumption: 90 W
Dimensions: 325 x 265 x 150 mm
Weight: 12 kg



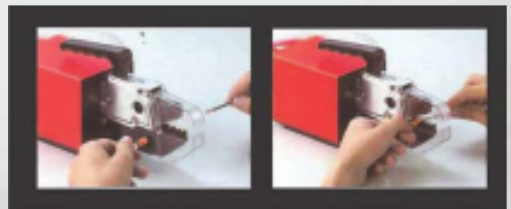
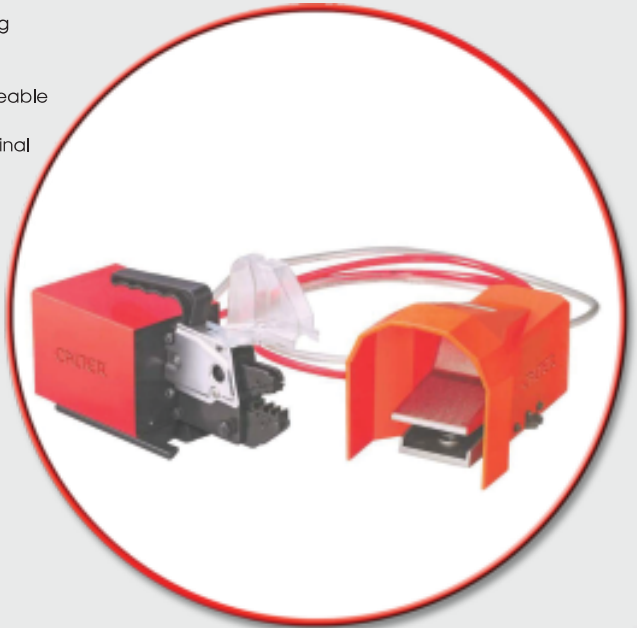
**Pneumatic Harnessing Machine
CNHM 005010**

Features

An ideal Pneumatic crimping machine
For insulated, non-insulated terminals and
end sleeves
High speed and quality in crimping
Table mounted; supplied with foot
switch
Supplied with 4 sets of interchangeable
crimping dies
Very useful for large quantity terminal
crimping

Specifications

Range: 0.5 to 10sq mm
Output force - 14kn
Operating air pressure: 0.4 -
1MPa (4 kg/cm²-10 kg/cm²)
Crimping cycle: 1.5 to 2 secs
Dimensions: 260 x 120 x 140mm
Weight: 4 kg



**Battery Powered
Crimping Tool (Mini)
CBM-016240**

Features

Light weight & slim design.
Flip-on type crimp-head
180 degree rotation.
Built-in safety valve for high pressure.
Auto-Retract

Specifications

Crimping force 50KN, (5ton)
Crimps per charge -170 no. @Cu-150mm²
Crimping cycle 3s-6s depend on size of terminal.
Battery: 3.0Ah 18v Li-ion
Charging time of battery 1/2 hours.

Accessories

Hexagonal dies: 16 to 240 mm²
Battery: 1pc, charger 1pc
Packing: steel case



**Hand Hydraulic
Crimping Tool (Mini)
CHM 010150**

Features

Light weight and slim design
Flip-on head provides easy entry and removal of terminal
Spring-loaded pump handles allow single hand operation
Special tool for LT joints and panel boards
Accepts BEKU type dies (square type)

Specifications

Range: 10-150 mm²
Crimp force: 5 ton
Length: 375mm
Weight: 2.2 kg
Packing: Plastic case
Crimping profile: Hexagonal



**Multi Functional Battery Tool
CBUN 016300 (6 Ton)**

Features

For crimping, cutting & hole punching
Flip-top style head, 360 degree rotation
2-stage hydraulic system
Auto-Retract

Specifications

Range: Up to 300 sq mm for Cu/Al
Crimping force: 60 KN (6ton)
Cable Cutting: Up to 40 mm dia
Hole Punching: 22,5 - 61,5 mm dia
Crimp Profile: Hexagonal
Battery: 18V, 3,0 Ah Li-ion
Charge Time: 2-2,5 hrs
Weight: 4,5 kg
Packing: Metal case

Supplied with

Battery: 1 pc
Charger: 1pc

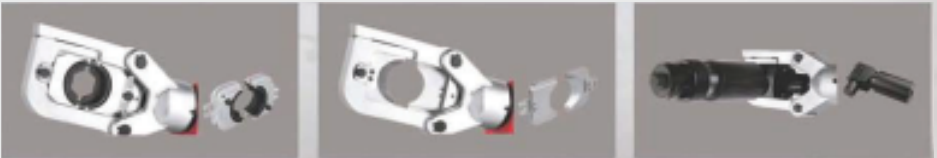
Adapter for Crimping

Crimping Dies: 16-300 sq mm

Cable Cutting Blade: 1 pair

Adapter for Punching

Round Punches: 22,5, 28,3, 34,6, 43,2, 49,6, 61,5 mm
Mild Steel: thickness upto 3 mm
Stainless Steel: thickness upto 2 mm



**Multi Functional Hand
Hydraulic Tool
CHUN 016300 (6 Ton)****Features**

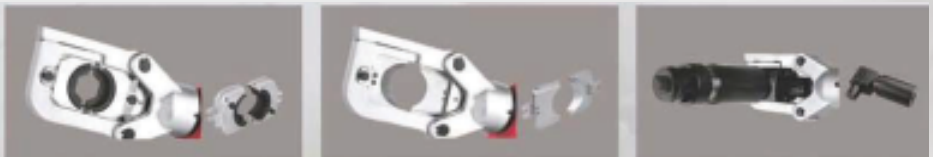
For crimping, cutting & hole punching
Flip-top style head, 360 degree rotation
2-stage hydraulic system
Manual retraction possible

Specifications

Range: Up to 300 sq mm for Cu/Al
Crimping force: 60 kN (6ton)
Cable Cutting: Up to 40 mm dia
Hole Punching: 22.5 - 61.5 mm dia
Crimp Profile: Hexagonal
Weight: 5 kg
Packing: Metal case

Supplied with

Crimping adapter: 1 pc
Crimping Dies: 16-300 sq mm
Cable Cutting Blade: 1 set
Punching adapter: 1 pc
Round Punches: 22.5, 28.3, 34.6,
43.2, 49.6, 61.5 mm
Mild Steel: thickness upto 3 mm
Stainless Steel: thickness upto 2 mm



**Battery Crimping Tools
CBE 016400 (6 Ton)**

Features

Flip-top style head, 340 degree rotation
2-stage hydraulic system
Auto-Retract

Specifications

Crimping Force: 60 KN (6 ton)
Crimping Cycle: 3 to 6 secs
Battery: 18V,3.0Ah Li-ion
Battery Capacity: 200 crimps @150 mm² Cu
Charge Time: 1/2 hrs
Weight: 4.5 kg

Supplied with

Battery/Charger
Crimping Dies: 16-400 mm²



**Hand Hydraulic Tools
CHE 016400 (6 Ton)**

Features

Flip-top style head, 340degree rotation
Dual speed action
Built-in safety valve for high pressure
Manual retraction knob

Specifications

Range: 16 to 400 sq mm for Cu/Al
Crimping Force: 60 KN (6 ton)
Stroke: 18 mm
Crimping Cycle: 3 to 6 secs
Crimping Profile: Hexagonal
Weight: 3.5 kg
Packing: Metal case

Supplied with

Crimping Dies: 16-400 mm²



**Battery Powered Cable Cutter
CBC 045400 (6 Ton)**

Features

Flip-top style head, 340degree rotation
2-stage hydraulic system
Auto-Retract

Specifications

Cutting force: 60 KN (6ton)
Stroke: 50 mm
Cutting capacity: ACSR, Cu/Al of 45 mm dia
Cuts / charge: 120 cuts
Cutting cycle: 8 to 20 secs
Battery voltage: 18V, 3.0Ah Li-ion
Charge time: 1/2 hrs
Weight: 6 kg
Packing: Metal case

Supplied with

Battery: 1 pc
Charger: 1 pc



**Hydraulic Cable Cutter
CHC 045400 (6 Ton)**

Features

Flip-top style head, 340degree rotation
2-stage hydraulic system
Manual retraction possible

Specifications

Cutting Force: 60 KN (6ton)
Stroke: 50 mm
Cutting capacity: ACSR, Cu/Al of 45 mm dia
Cutting Cycle: 8 to 20 secs
Length: 580 mm
Weight: 3.5 kg
Packing: Metal case



**Hydraulic Cable Cutter
CHC 085800 (6 Ton)**

Features

Flip-top style head, 340 degree rotation
2-stage hydraulic system
Manual retraction possible

Specifications

Cutting Force: 60 kN (6ton)
Stroke: 90 mm
Cutting Capacity: Cu/Al of 85 mm dia
Cutting Cycle: 8 to 20 secs
Length: 700 mm
Weight: 7 kg
Packing: Metal case



Not for cutting steel or steel wire armoured cables

**Remote Cutting Head
CRCH 045400 (6 Ton)**

Specifications

Cutting capacity: ACSR, Cu/Al of 45 mm dia
Cutting force: 60 kN (6ton)
Stroke: 52 mm
Length: 350 mm
Weight: 4.2 kg



Not for cutting steel or steel wire armoured cables

**Scissor Type Cutting Head
CRCH 050500 (12 ton)**

Specifications

Cutting capacity: Cu/Al up to 50 mm dia telephone cable
Cutting Force: 120 kN (12ton)
Stroke: 50 mm
Length: 350 mm
Weight: 3.5 kg



Not for cutting steel or steel wire armoured cables

Battery Operated Tools
CBE-050400 (12 Ton)**Features**

C-type head, 360 degree rotation
2-stage hydraulic system
Auto-Retract

Specifications

Crimping range: 50 to 400 sq mm for Al/Cu
Crimping force: 130 kN (12ton)
Jaw opening: 42 mm
Crimping Cycle: 8 to 14 secs
Crimping Profile: Hexagonal
Crimps / Charge: 150 crimp @ 150 sq mm
Battery: 18V, 3,0Ah Li-Ion
Charge Time: 1/2 hrs
Weight: 6,8 kg
Packing: Metal case

Supplied with

Battery: 1 pc
Charger: 1 pc
Crimping Dies: 50-400 sq mm

**Hand Hydraulic Tools**
CHE-050400 (12 Ton)**Features**

C-type head, 340degree rotation
2-stage hydraulic system
Manual retraction knob

Specifications

Crimping range: 50 to 400 sq mm for Al/Cu
Crimping force: 130 KN
Jaw opening: 42 mm
Crimping cycle: 8 to 14 secs
Crimping profile: Hexagonal
Weight: 6,8 kg
Packing: Metal case

Supplied with

Crimping dies: 50-400 sq mm



**Foot pump with Split Unit
CFYQ-016400
Trolley Mounted****Features**

Flap type head
2-stage hydraulic system
Manual retraction button

Specifications

Crimping range: 16 to 400 sq mm for Al/Cu
Crimping force: 130 kN
Crimping stroke: 22 mm
Crimping profile: Hexagonal
Weight: 15 kg
Packing: metal case

Supplied with dies

16,25,35,50,70,95,120,
150,185,240,300,400 mm²

**Hydraulic foot pump & split unit
CFYQ-050630****Features**

German type head
2-stage hydraulic system
Manual retraction button

Specifications

Crimping range: 25 to 630 sq mm for Al/Cu
Crimping force: 250 kN
Crimping stroke: 25 mm
Crimping profile: Hexagonal
Weight: 17 kg
Packing: metal case

Supplied with dies

300,400,500,630 mm²



**Remote Crimping Head
CRH 035300 (6 Ton)****Features**

File-type open head
Compact, light weight design
Suitable for connecting O.H. conductors
Operated by separate hydraulic pump

Specifications

Crimping range: Up to 300 sq mm
Crimping force: 60 kN (6ton)
Crimping profile: Hexagonal
Weight: 3,5 kg
Packing: Metal case

**Remote Crimping Head
CRH 050400 (12 Ton)****Features**

C-type open head
Compact, light weight design
Suitable for connecting O.H. conductors
Operated by separate hydraulic pump

Specifications

Range: 50 to 400 sq mm
Crimping force: 130 kN (12ton)
Crimping profile: Hexagonal
Weight: 5 kg
Packing: Metal case



**Hydraulic Hand Pump
CHP IND 700****Features**

Ideal for remote crimping, cutting and punching
Compact and lightweight
Two stage pump for rapid advance of dies
Strong knob type release valve
Supplied with 2mtr high pressure hose and coupler plug

Specifications

Maximum output pressure: 700 kg/cm² (700 bars)
Oil displacement low pressure: 13 cc
Oil displacement high pressure: 2.3 cc
Oil capacity: 1800 cc
Length: 510 mm
Weight: 11 kg

**Hydraulic Hand Pump
CHP IMP 700****Features**

Ideal for remote crimping, cutting and punching
Compact and lightweight
Two stage pump for rapid advance of dies
Knob type release valve
Supplied with 2mtr high pressure hose and coupler plug

Specifications

Maximum output pressure: 700 kg/cm² (700 bars)
Oil displacement low pressure: 15 cc
Oil displacement high pressure: 2.8 cc
Oil capacity: 1600 cc
Length: 495 mm
Weight: 8.5 kg



**Hydraulic Foot Pump
CFP IND 700**

Features

Foot operated
Two stage pump for rapid advance of dies
Strong knob type release valve
Safety valve to prevent overload
Supplied with 2 mtr high pressure hose and coupler

Specifications

Maximum output pressure: 700 kg (700 bars)
Oil displacement low pressure: 15 cc
Oil displacement high pressure: 2.8 cc
Oil capacity: 1500 cc
Length: 450 mm
Weight: 10 kg



**Hydraulic Foot Pump
CFP - GRM700**

Features

Dual speed pressure (high/low)
External pressure adjustment from 6k - 10k psi
Foot operated release valve
Safety valve to prevent overload
Supplied with 2 m high pressure hose and coupler

Specifications

Maximum Output Pressure: 10000 psi (700 bars)
Oil Displacement Low Pressure: 15 cc
Oil Displacement High Pressure: 2.8 cc
Oil Capacity: 1500 cc
Length: 500 m
Weight: 11 kg



**Heavy Duty Crimping Head
CJ 25-R 150630 (25 Ton)**

Features

Lightweight design
Split Hydraulic crimping head
Side coupler
Operates with any hydraulic pump
Suitable for all types of cable joints

Specifications

Crimping range: 150 to 630 sq mm for Cu/Al
Crimping force: 250 KN
Stroke: 26 mm
Oil capacity: 85 cc
Crimping profile: Hex crimp
Weight: 7 kg
Packing: Metal case



**Heavy Duty Crimping Head
CJ 25-G 150630 (25 Ton)**

Features

German design Ultra lightweight
Pin-type head easy to replace disc
Quick coupler with base style
Operates with any hydraulic pump
Suitable for all types of cable joints

Specifications

Crimping range: 150 to 630 sq mm for Cu/Al
Crimping force: 250 KN
Stroke: 26 mm
Oil capacity: 80 cc
Crimping profile: Hexagonal
Weight: 5,5 kg
Packing: Metal case / canvas bag



**Heavy Duty Crimping Head
CJ 45-G 401000 (45 Ton)**

Features

German design Ultra lightweight
Pin-type head easy to replace die
Quick coupler with side style
Operates with any hydraulic pump
Suitable for all types of cable joints

Specifications

Crimping range: 400 to 1000 sq mm for Cu/Al
Crimping force: 450 kN (45ton)
Stroke: 24 mm
Oil capacity: 150 cc
Weight: 10.5 kg
Packing: Metal case / canvas bag



**Heavy Duty Crimping Head
CJ 50-F 401000 (45 Ton)**

Features

Flip-on type table base,lightwait design
Split Hydraulic crimping head
Side coupler
Operates with any hydraulic pump
Specially for transformer cable joints

Specifications

Range: 400 to 1000 sq mm for Cu/Al
Crimping Force: 500 KN
Stroke: 25 mm
Oil Capacity: 170 cc
Crimping Profile: Hex crimp
Weight: 20 kg
Packing: Metal case



**Electric Pump Mini
CEPP 220700****Features**

Compact, portable design suitable for heavy-duty crimping
Two stage pumping
Push button advance and retraction
Operate with single hose only
Wired remote control
Supplied with high pressure hose

Specifications

Pressure: 700 kg/cm² (700 bars)
Rated output: 450W
Motor voltage: 220V/380V
Weight: 15 kg

**Electric Pump
CEPP 220700 (25 Ton)****Features**

Compact, portable design suitable for heavy-duty crimping
Two stage pumping
Push button advance and retraction
Operate with single hose only
Visible oil level
Wired remote control
Supplied with high pressure hose

Specifications

Pressure: 700 kg/cm² (700 bars)
Motor voltage: 220V/380V
Weight: 30 kg



**Transmission Engine
Driven Pump CTPP - ENG 700****Features**

Double acting engine driven hydraulic pump
Auto operation for automatic compression
Suitable for double acting presses for transmission line use

Builds pressure up to 700 bars
Push button control of fluid flow
Smooth compression without pulsation
Remotr control operation with manual override

Specifications

Reservoir Capacity: 10 ltr
Oil Delivery at 0-22 bars: 7,5 ltr/min
Oil Delivery at 22-700 bars: 1.2 ltr/min
Weight: 58 kg

Note: Hydraulic hose sold separately.

**High Pressure Crimping Jack
CTCJ 100 Ton****Features**

Compression head for full tension, transmission and substation connection
External double acting 700 bar hydraulic pump required
Dies, exclusive to this model, are sold separately

Specifications

Stroke: 23 mm
Oil volume required: 310 cc
Capacity: 100 Ton
Weight: 33 kg

Note: Dies are sold separately.



**Bus Bar Cutter
CBBC 012200****Features**

Compact design for anywhere use
Ideal for cutting copper and aluminum bus bars
Operates with hand pump or electric pump
Precise, scrap-less cutting using low energy

Specifications

Max thickness: Up to 12 mm
Sheet width: Up to 200 mm
Cutting force: 20ton
Height: 430 mm
Weight: 32.5 kg

**Bus Bar Punch
CBBP 010020****Features**

Compact design for anywhere use
Ideal for punching copper and aluminum up to 12 mm thickness
Operates with hand pump or electric pump

Specifications

Max thickness: 12 mm
Punching capacity: Up to 20.5 mm dia holes
Weight: 30 kg

Supply with

Round punches: 3/8 (10.5 dia), (13.8 dia), 5/8 (17 dia), 3/4 (20.5 dia)

**Bus Bar Bender
CBBB 012200****Features**

Compact design for anywhere use
Ideal for bending Cu/Al up to 90 degrees
Indicator for 45 degree/90 degree bend
Operates with hand pump or electric pump

Specifications

Max thickness: Up to 12 mm
Sheet width: Up to 200 mm
Bending force: 20 ton
Height: 370 mm
Weight: 25 kg



Multi functional bus bar unite
CEMF 012150

Features

Three station operation - compact power pack
For cutting, punching and bending for Cu/Al bus bar
Dual speed action - fast/slow

Specifications

Cutting width of bus bar: 150 mm max
Punching thickness of bus bar: 12 mm max
Bending: Up to 90 degree

Supplied with

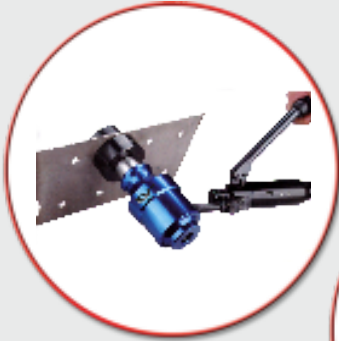
Cutting tool
Bending tool
Punching tool with dies as below
3/8" (10,5 dia), 1/2" (13,8 dia),
5/8" (17 dia), 3/4" (20,5 dia)



- CUTTING
- PUNCHING
- BENDING



Hydraulic Hole Punching Tool



**Round
Hole Punching Tool**



**Square
Hole Punching Tool**



**Hand Hydraulics Tools
CHCT-010300**

Features

- C-type open head
- Compact, light weight design
- Built-in safety valve for high pressure
- Manual retraction knob

Specifications

- Range: 10 to 300 sq mm for Cu/Al
- Crimping Force: 100 KN (10 ton)
- Stroke: 22 mm
- Crimping Profile: Hexagonal
- Weight: 3,5 kg
- Packing: Plastic case

Supplied with

- Crimping Dies: 10-300 sq mm²



**Manual Hole Punching Tool
CMSB 022060****Features**

Heavy duty punches up to 3 mm thickness
For mild steel & stainless steel sheets
High abrasion resistance for perfect alignment

Specifications

Round Hole: Up to 61.5 mm dia
Weight: 5,5 kg
Packing: Plastic case

Supplied with

Round Punch: 22.5, 28.3, 34.6, 43.2, 49.6, 61.5 mm dia
Draw stud & spacer

**Hydraulic Hole Punching Tool
CHSB 022060 (15 Ton)****Features**

Heavy duty punches up to 3 mm thickness
For mild steel & stainless steel sheets
High abrasion resistance for fiberglass and plastic
Self centering punch for perfect alignment

Specifications

Punching force: 15ton
Stroke: 25 mm
Weight: 16,5 kg
Packing: Metal case

Supplied with

Round punch: 22.5, 28.3, 34.6, 43.2, 49.6, 61.5 mm dia
Square punch: 32x32 mm
Draw stud & spacer



**Hydraulic hole punching tool (Mini)
CHSB-225615 – (6 Ton)****Features**

Heavy duty punches up to 3mm thickness.
Lightweight design for portability & fast operation.
Simplify access to work in cramped place.
Self centering punch for perfect alignment.

Specifications

Punching force: 6 ton
Stroke: 22 mm
Weight: 2.8 Kg
Packing: Plastic box

Supplied with

Round Punches & dies -22.5, 28.3, 34.6,
43.2, 49.6, 61.5 mm diameter.
Draw stud: 7/16 x 3/4 inches -- 1 pc
Draw stud: 3/4 x 3/4 — inches -- 1 pc
Spacer: 1 pc

**Hydraulic Pipe Bender
CHPB 010075****Features**

Suitable for water pipes, carbon steel pipes, thick wall conduit pipe
Up to 90 degree bending

Specifications

Output: 18ton
Diameter of pipe: Up to 75 mm
Thickness of pipe: Up to 5 mm
Weight: 125 kg

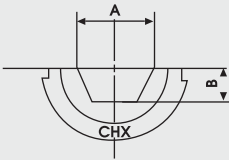
Supplied with

Pipe Moulds: 1/2", 3/4", 1", 1 1/4", 1 1/2", 2 1/2", 3"



Compression Dies

Compression Dies U Type (12 Ton)
Hexagonal dies for copper/aluminium terminals



Dia No.	A	B	C
Cu 10	6.2	2.2	9
Cu16	7.1	2.6	14
Cu 25	8.8	3.2	14
Cu 35	10.6	3.8	14
Cu 50	12.4	4.7	16
Cu 70	14.6	5.7	18
Cu 95	17.4	6.3	16
Cu 120	19.4	7.1	14
Cu 150	21.2	7.8	13
Cu 185	24	8.6	12
Cu 240	26.5	9.7	10
Cu 300	30	11	9
Cu 400	34.8	12.8	9

Compression Dies Alcan Type (100 Ton)
Hexagonal dies for aluminium/steel sleeves

Conductor ACSR		Alcan Dia Nos.			
Code	Dia mm	Alum	A/F mm	Steel	A/F mm
WOLF	18.13	A-B	28.2	S-8	12.7
HORSE	13.95	A-9	23.3	S-9	15.2
PANTHER	21.00	A-9)	32.3	S-9	15.2
KEZIAH	19.53	A-9	32.3	S-9	15.2
BEAR	23.45	A-9	32.3	S-10	16.1
LYNX	19.53	A-9	32.3	S-10	16.1
GOAT	25.97	A-10	36.2	S-10	16.1
ZEBRA	28.62	A-11	40.2	S-12	16.1
DINOSAUR	35.56	A-13	49.7	S-12	20.2
CENTIPEDE	26.49	A-10	36.2	NA	NA
BULL	38	A-13	49.7	NA	NA

**Hydraulic Hand Pump/Jack**
CSYQ_400630**Hand Pump**

Ideal for remote crimping, cutting and punching
Compact and lightweight
Two stage pump for rapid advance of dies
Strong knob type release valve
Supplied with 2mtr high pressure hose and coupler plug

Specifications

Maximum output pressure: 700 kg/cm² (700 bars)
Oil displacement low pressure: 13 cc
Oil displacement high pressure: 2,3 cc
Oil capacity: 1800 cc
Length: 510 mm
Weight: 11 kg

Crimp-Jack

German design Ultra lightweight
U-type head with locking pin Easy to replace dies
Quick coupler with base style
Operates with any hydraulic pump
Suitable for all types of cable joints

Specifications

Crimping range: 150 to 630 sq mm for Cu/Al
Crimping force: 250 KN
Stroke: 26 mm
Oil capacity: 80 cc
Crimping profile: Hexagonal
Weight: 5.5 kg
Packing: Metal case / canvas bag



Hydraulic crimping tools: principle of operation

Principle of operation of hydraulic crimping tools is based on Pascal's Law of Transmissibility of Fluid Pressure which States that "an incremental pressure in a fluid is transmitted throughout volume of the liquid uniformly". A hydraulic Crimping tool in an elementary form is made of a cylinder and piston with a large diameter (D) and a cylinder and piston with a very small diameter (d) Fluid is pumped from the small cylinder drawn from a sump to the large cylinder. When fluid is continuously pumped from the small cylinder to the large cylinder fluid pressure increases steadily and causes the piston in the large cylinder to move forward which, in turn keeps pushing the movable half of the crimping die attached to it. When a force (F) is exerted on the Cu/Al sleeve enclosing the conductor, resistance offered by the sleeve to deformation by compression causes fluid pressure to build up continuously. The pressure developed (p) is $p = F/A$ where, F=Force exerted by the fluid on the piston of the large cylinder

A=Area of piston of the large cylinder

The force and consequently the hydraulic fluid pressure rise incrementally as the compression operation advances. As the fluid pressure is the same in both cylinders

by " Pascal's Law ", the force (f) exerted by piston of the small cylinder is several times smaller than force (F) developed.

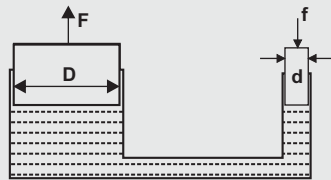
Therefore, $p = f/a = F/A$

where,

f= force exerted by the fluid on the piston of the small cylinder

a=area of piston of the small cylinder

With a small force developed in the small cylinder, a large force (F) is overcome .The large force is due to resistance Offered by metal (Cu/Al) to deformation by



3 STAGES OF COMPRESSION (CRIMPING)

