



Marlbo[®]

MACHINERY & TOOLS



HYDRAULIC CRIMPING & CABLE CUTTER



HYCP 4413T

Specifications :

Max. Pressure : 700 bar
Oil Required : 80 cc
Max. Output : 14.01 tons / 124.6 kN
Jaw opening : 44 mm

Crimping Capacity :

Max. Compression : 400 mm² copper lugs

With Dies (CU 16 / 25 / 35 / 50 / 70 / 95 / 120 / 150 / 185 / 240 / 300 / 400)



PH-300

Specifications :

Max. Pressure : 550 bar
Oil Required : 18 cc
Max. Output : 6.90 tons / 61.4 kN
Ram Stroke : 15.3 mm

Crimping Capacity :

Max. Compression : 300 mm²
Aluminum lugs

Dies With (T16 / 25 / 35 / 50 / 70 / 95 / 120 / 150 / 185 / 240 / 300)



HYP-700FT

Specifications :

Max. Pressure : 700 bar
Oil required : 1000 cc

Oil delivery :

35.8 cc / stroke at low pressure
2.1 cc / stroke at high pressure



K-45

Specifications :

Drive unit : 18V DC motor
Charger (GS/CE) :
Input voltage : 110V single phase AC
Input voltage : 230V single phase AC
Input frequency : 50~60Hz
Reservoir capacity : 50 cc

Cutting capacity :

Max pressure : 700 bar
Max output : 6.0 tons / 58.0 kN
Cu strands : 45 mm
Al strands : 45 mm



LEC-U27

Specifications :

Drive unit : 18V DC motor
Charger (GS/CE) :
Input voltage : 110V single phase AC
Input voltage : 230V single phase AC
Input frequency : 50~60Hz
Input current : 21.75 VA
Reservoir capacity : 120 cc

Crimping capacity :

U-type head
Crimping force : 14.01 tons / 124.6 kN
Main applications :
L.V. lugs & splices : 400 mm²
Insulated terminals : 240 mm²
C sleeve connector : 185 mm²
H.V. lugs & splices : 400 mm²
Al lugs & splices : 300 mm²



HYSC-45

Specifications :

Max pressure : 700 bar
Oil required : 70 cc
Max output : 10.73 tons / 95.5 kN

Cutting capacity :

Wire rope 6x7 : 40 mm
Wire rope 6x12 : 40 mm
Wire rope 6x19 : 40 mm
Soft copper bar : 32 mm
Soft aluminum bar : 40 mm
Soft steel bar : 20 mm
Cu strands : 40 mm
Al strands : 40 mm
ACSR : 40 mm



MECHANICAL CRIMPING TOOL



HD-16L

For non-insulated terminals 1.25 to 14 sq.mm.
For cable lugs from 1.5 to 16 sq.mm. AWG 22-6



HD-0650

For cable lugs from 6 to 50 sq.mm.
Hexagonal pressure.
Length : 390 mm
Weight : 1.10 kgs



HD-SLWK

For steel-wire lock connector
Length : 225mm
Weight : 0.56 kgs



HD-0D3

Crimping capacity :
Crimping force : 4.5 ton
Uses w-style dies.
Storage carrying case & dies are sold separately.

INSULATED VDE TOOLS



Combination Plier 1000V
Available Size - 150mm, 200mm



Cutting Plier 1000V
Available Size - 150mm, 200mm



Long Nose 100V
Available Size - 150mm, 200mm



Ratchet Wrench 1000V
HEX Size - 13mm x 17mm



T. Wrench 1000V
HEX Size - 10mm, 17mm



Insulating Knife 1000V
Size - 150mm



Screwdriver 1000V
Flat/ philips

DRAINAGE & INSPECTION TOOLS



R600 Pipe Cleaning Machine

- For pipe diameter 20 - 150 mm.
- With direct shooting 22 and 16 mm spirals.
- Motor power 690 watts.
- Speed 467 rpm right/left running.
- Weight 20.9 kg.



RODRUM Pipe Cleaning Machine

- Working range from 125 dN-m
- Operating range up to 250 dN-m
- Nominal power 400 W
- Input power 690 W
- Speed 270 U/min
- Max. Spiral length 60 m
- Height 87 cm
- Width 56 cm
- Length 77 cm
- Weight 70 kg

ROSCOPE Video Inspection & Locating



MACHINERY TOOLS



Measuring Wheel

- Measures in feet and inches to 9,999 feet, 11 inches.
- The enhanced grip pistol-type handle of this measuring wheel
- Brake stops
- 5-digit counter on top of the wheel
- Gear and shaft transmission, and a handle lock.



Analog Micrometer
Available Range - 0 to 100mm



Digital Micrometer
Available Range - 0 to 100mm



Analog Vernier caliper
Available Range - 150mm to 600mm



Digital Vernier caliper
Available Range - 150mm to 600mm

BUTT WELDING & CUTTING MACHINE

Hydraulic but welding machine



Available Size - 63-160mm, 90-315mm, 315-500mm, 400-630mm, 630-800mm, 710-1000mm, 800-1000mm, 1200-1600mm

Power - Single phase/ three phase 230V-415V

PPR Welding Machine



Available Size - 20-63mm, 63-110mm

Power - 230W-800W

Temperature - 260°C

Pipe Cutting Machine



CPC EL 1500A

| | |
|------------------------|-----------|
| Voltage V | 400 |
| Power output W | 1,000 |
| Frequency Hz | 50 |
| Idle speed motor 1/min | 2,300 |
| Idle speed tool 1/min | 35 |
| Feed mm/min | 40 |
| Protection class | I |
| Protection type | IP 54 |
| Cable with plug m | 40 |
| Weight kg | 80 |
| Order No. | 091506755 |

CPC PN 1500 A

| | |
|-------------------------------------|-----------|
| Operating pressure bar | 6 |
| Air consumption m ³ /min | 4.3 |
| Power output W | 2,000 |
| Idle speed motor 1/min | 6,000 |
| Idle speed Tool 1/min | 35 |
| Feed rate mm/min | 40 |
| Weight kg | 66 |
| Order No. | 091506755 |

PPR pipe cutter



- PPR HDPE Round Pipe Cutter 50 to 120mm
- Handle Material: Aluminum alloy blade Material: 65Mn steel, 53HRC, SK5 Steel

RE BORING MACHINE



Crankshaft Grinding Machine



Metal Shearing Machine



Boring-Honing Machine



Hydraulic Honing Machine



Plate Bending Machine



Line Boring Machine

PRODUCTION & MACHINERY



CNC Milling Machine

Milling capacity cutter head(max.) $\Phi 63\text{mm}$ - 160mm
Milling capacity end mill cutter(max.) $\Phi 20\text{mm}$ - 60mm

- Storage of tool 16
 - MILLING ACCURACY
 - SPINDLE HOLDING FIXTURE
 - DRILL-MILL HEAD
 - CROSS TABLE
 - ELECTRIC SUPPLY
- Single and three phase

CNC Lathe Machine

- The lathe bed is made of heavy casting. It has gone through at least twice aging quality tests and ultrasonic frequency quenching.
- The cutting tools carrier is equipped with 4-station, or 6-stations tool holder.
- The machine can process precisely internal or external diameter, face, taper, arc and threading with high efficiency



Manual Lathe Machine

- Main specification of horizontal lathe machine
- Workpiece length: 1000/1500/2000/2500/3000mm

Manual Milling Machine

Universal gear drilling
milling machine horizontal
vertical universal milling
machine Universal cutter
mini horizontal vertical
milling machine.



Radial Drilling Machine

- Automatic gearwheel lubrication via oil pump
- Large speed range from 155 - 2250 rpm thanks to two-speed motor
- Solid, precision drilling table, generously dimensioned with precision surface finish and parallel T-slots
- Thick-walled steel column ($\Phi 115\text{ mm}$) ensures smooth action and stability

Bench Drilling Machine

- Normal drill chuck or quick-action drill chuck
13mm/24mm/32mm
- High precision spindleBig power motor
- Overall control



AUTOMOBILE TRAINING SIMULATOR



Auto Ac Training Simulator



Drive Transmission Simulator



Air Brake Training Simulator
Brand FXB



Gasoline Training Simulator



Common Rail Diesel Engine Simulator

ELECTRICAL, ELECTRONIC & MECHATRONICS SIMULATOR



Mechatronics Simulator



Solar Training Simulator



Lighting Technology
Trainer



Transparent Four-floor
Elevator Emulator



Wind Power System Training Panel



AC/DC Motor Trainer Panel

UTILITY TOOLS

Soter Ladder



| Item no. | Size | Folded Height | Max Extended Height |
|-----------------|------|---------------|---------------------|
| FET-16EA | 2X8 | 253cm | 432cm |
| FET-20EA | 2X10 | 314cm | 523cm |
| FET-24EA | 2X12 | 375cm | 645cm |
| FET-28EA | 2X14 | 436cm | 737cm |
| FET-32EA | 2X16 | 497cm | 859cm |

Strapping tools 1/4 to 3/4



Stainless Steel



Bukle



D51 Hydraulic Crimping Tool

| | |
|---|--------------------------|
| STROKE | 19 mm |
| FORCE | 55 kN |
| DIMENSIONS (L x l x h in mm) | 380 x 65 x 140 |
| WEIGHT | 2 280 kg |
| APPLICATIONS | SECTIONS |
| ⊗ Copper lugs and sleeves – NFC 20-130 | 4 > 240 mm ² |
| ⊗ Bare or insulated sleeves in copper or alu – EDF E54 > E215 | K26 > K232 |
| ⊗ Copper or alu lugs and sleeves – DIN 48083 | C6 > C35 |
| ⊗ C-shaped connectors | 6 > 240 mm ² |
| ⊗ Pre-rounding die sets | 10 > 120 mm ² |
| ⊗ Copper lugs and sleeves – NFC 20-130 | |

Pro's Kits



PC Service Kit
PK-2088B



Solar MC3 & MC4
Crimping Tool kit
PK-2061



Telecom &
Network Tool Kit
PK-2629

KuDos

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