

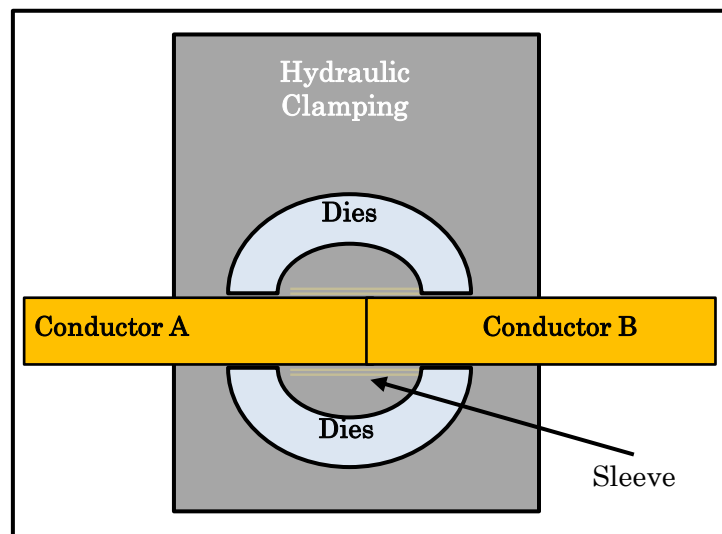
- **Hydraulic Clamping
Tool & Dies**
- **Hydraulic Cutter**
- **Hydraulic Cleaner**



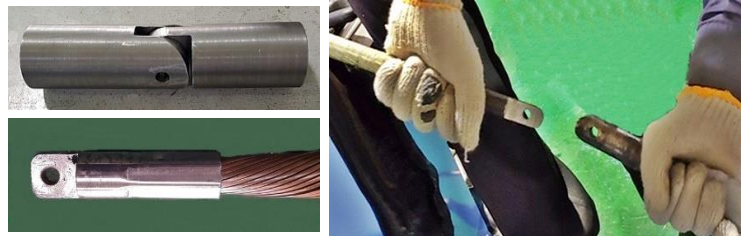
Hydraulic clamping device & Compression Dies

- Hydraulic clamping device and compression dies enables to joint cable conductor (LV, MV, HV)
- Easy & quick processing
- Cost saving

How it works



Method A



Method B

Hydraulic Pump



Clamping device



Compression Dies



HYDRAULIC CYLINDER



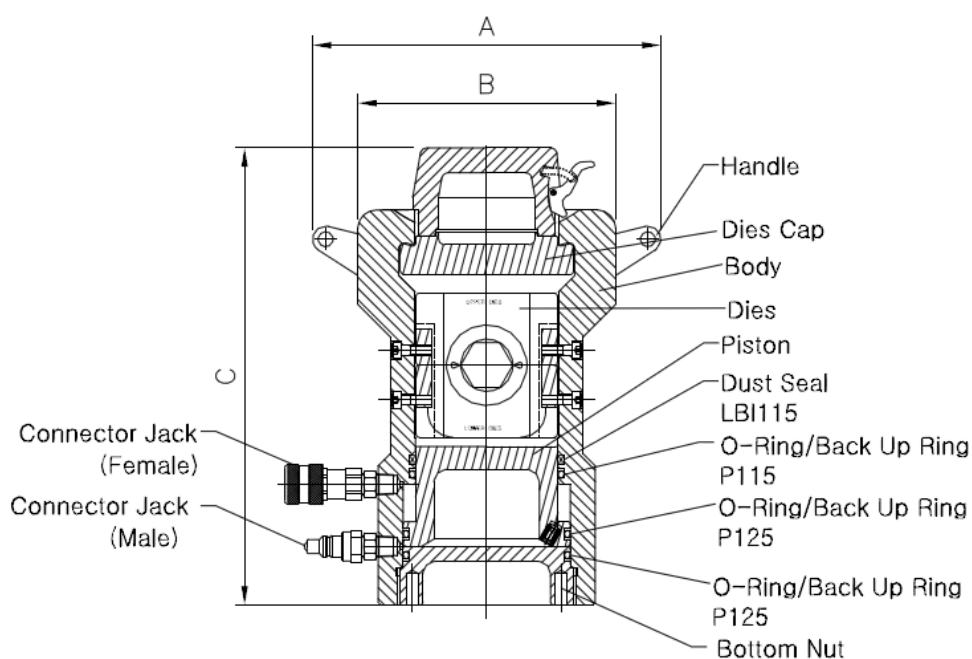
BCW44-C

- This is a cylinder that produces 100 tons of compressive force with 700 bar hydraulic compression as a device for compressing the sleeve for connecting the transmission line and the underground line.
- By employing safety valves, accidents caused by abnormal pressure can be prevented, and the safety rate is more than three times

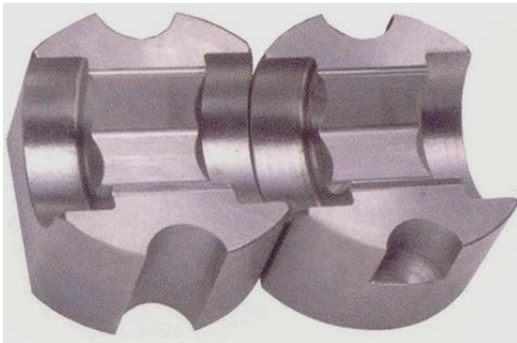
Performance

Model	Capacity (Ton)	Ram Stroke (mm)	Oil Volume Required (cc)	Dimension A*B*C (mm)	Weight (kg)
BCW44-C	100	32	429	280*208*36 8	28

Lay out



COMPRESSION DIES



BCW14

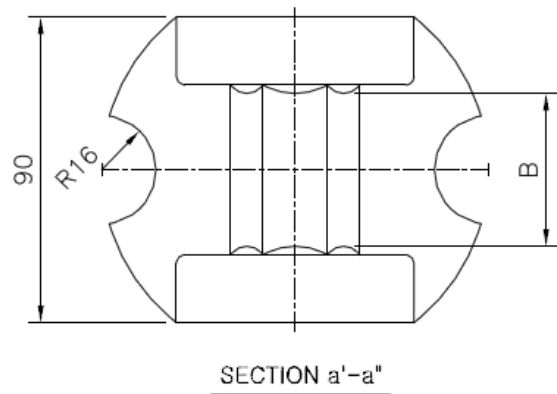
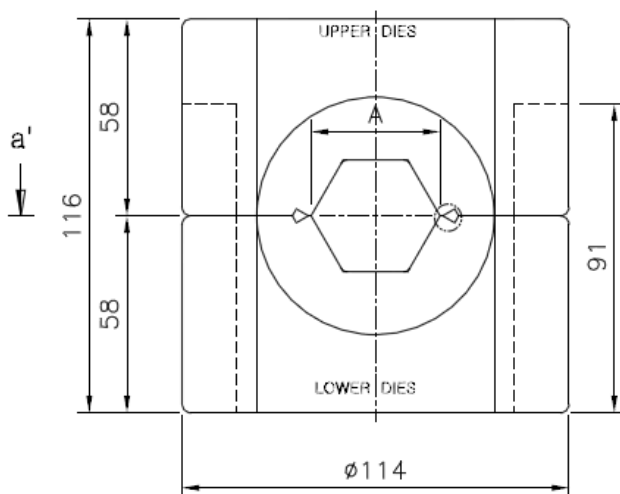
- This product is used in combination with a 100-ton compressor cylinder to compress the sleeve for connecting the transmission line and the underground line.



Performance

Model	Capacity (Ton)	Range of application Max.A (mm)	Compressed Size (mm)	Weight (kg)
BCW14	100	Steel 30 Al 63 Cu 63	A*B Customize	Approx. 7

Lay out



HYDRAULIC CYLINDER Sets



HYDRAULIC CRIMPING TOOL

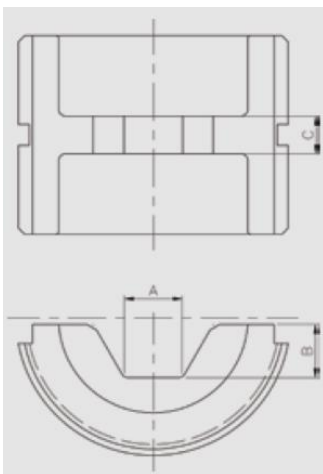
Model: CWCP630-N

This product is a device that compresses grounding terminal sleeves and is a single-acting cylinder that produces a compression force of 25 tons with 700 bar of hydraulic compression.

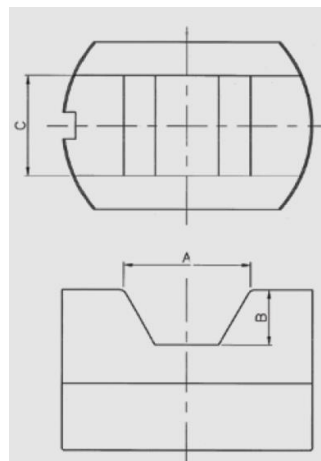
Performance

Model	Capacity (Ton)	Ram Stroke (mm)	Oil Volume Required (cc)	Dimension A*B*C (mm)	Weight (kg)
CWC630-N	25	29	16~630	249	5.1

Crimping Tool Dies



Dies No.	A	B	C
16	3.8	3.1	
25	4.5	3.8	
35	5.1	4.6	
50	6.1	5.1	
70	7.4	6.3	13
95	8.6	7.2	
120	9.6	8.1	
150	10.5	8.9	
185	11.6	9.9	
240	14	11.7	10



Dies No.	A	B	C
300	28.3	12.2	
400	32	14	
500	38.5	16	
630	42.2	17.5	

27

HYDRAULIC CYLINDER Sets



HYDRAULIC Pump

Model: CWTMPM 1/2

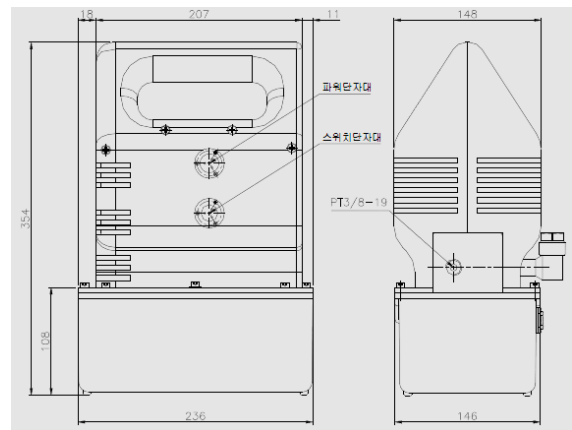
This product is a device used with a cylinder head when crimping a terminal for grounding wire connection, and is a single-acting electric pump that can produce a hydraulic pressure of 700 bar.

Performance

Pressure	High	700 Bar
Capacity	Low	70 Bar
Active Type		Single Solenoid
Output Flow	High	0.3ℓ/min
Rate	Low	2.5ℓ/min

Characteristics

Reservoir Capacity	2ℓ
Hydraulic Oil	Shell Tells S2V15 or equivalent
Power Cord	3m
Remote Control Cord	3m
Fixed Hydraulic hose	1.8m
weight	9kg
Hydraulic Hose	1.8m
weight	9kg



Motor

Capacity	700W
Voltage	220V Single Phase

Hydraulic Cable Cutter



Application

- Underground cable : Max. 180mm
- 154kV -345kV XLPE Cable

BCWCC180 N

Performance

Model	Capacity (Ton)	Range of application Max.A (mm)	Dimension (mm)	Weight (kg)
BCWCC180 N	8	180 mm	790 * 250 * 110	58 kg

Hand Hydraulic Cable Cutter



Application

- Underground cable : Max. 180mm
- 154kV -34.5kV XLPE Cable

Model	Capacity (Ton)	Range of application Max.A (mm)	Dimension (mm)	Weight (kg)
BTCC-40	5	85 mm	680* 140*700	7.2kg

MOTOR PUMP

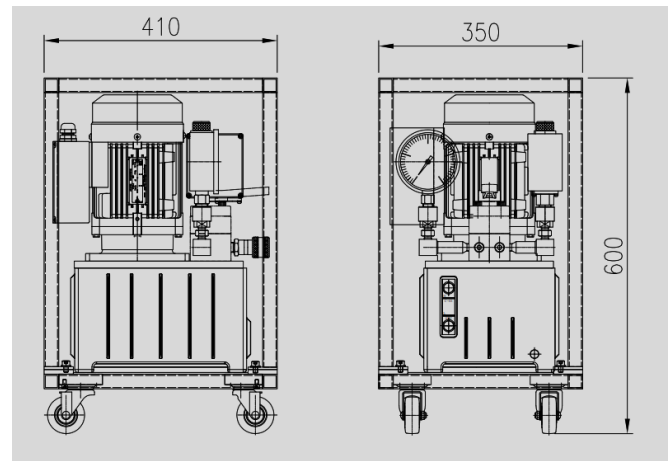


This product is a double-acting electric pump capable of generating hydraulic pressure of 700bar as an equipment used with the cylinder head when crimping the sleeve for connection between transmission lines and underground lines.

Performance

Pressure Capacity		Max. 700 Bar
Active Type		Manual Valve
Output Flow Rate	High	0.7ℓ/min(50Hz) 0.8ℓ/min(60Hz)
	Low	3.6ℓ/min(50Hz) 4.3ℓ/min(60Hz)

Lay out



Characteristics

Require Oil	6 ℓ
Reservoir Capacity	9 ℓ
Total Weight	55 kg
Overall dimesion	410 * 350 * 600 (L*W*H)

Motor

Electric motor	0.9 kW
RPM	1720 (60Hz)
Voltage	220V Single 50/60Hz

HYDRAULIC HOSE

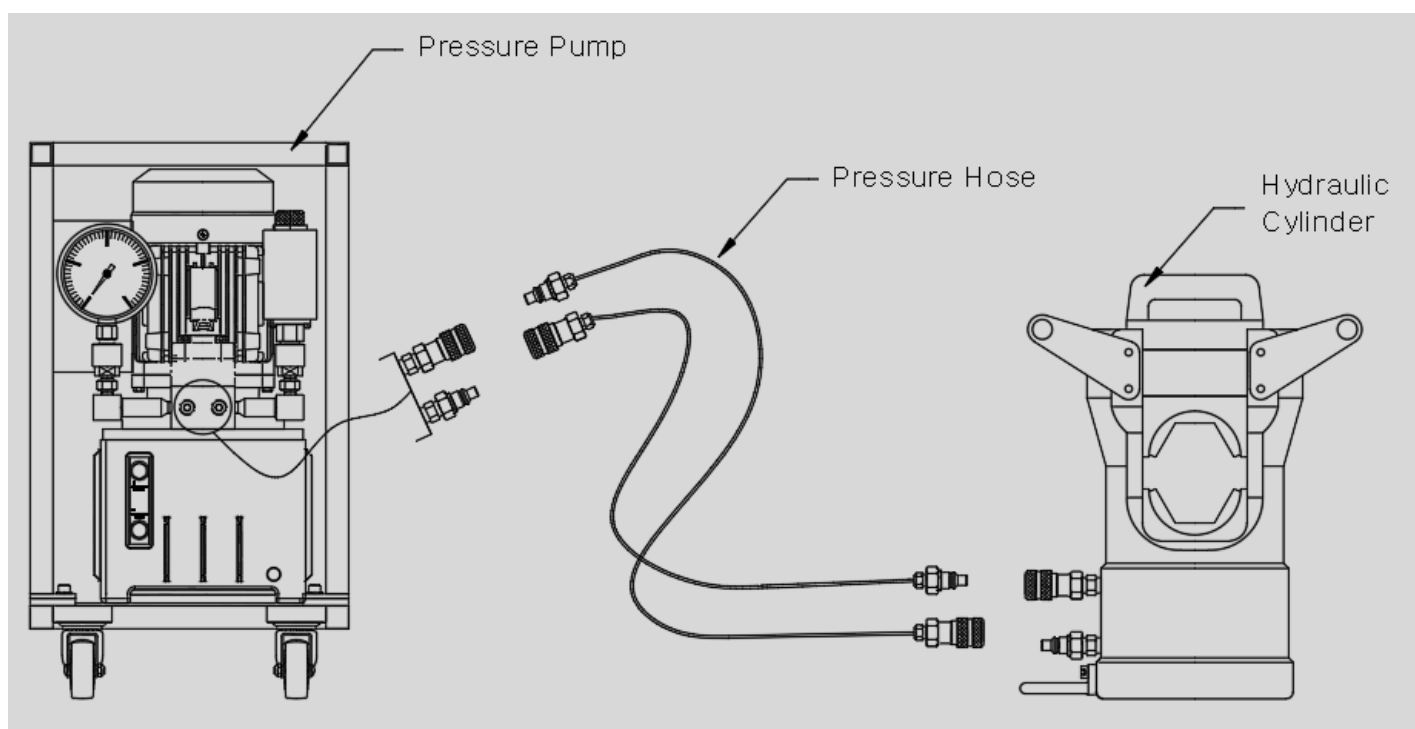


This product is a connecting hose for operating a compression pump and a hydraulic cylinder. The working pressure can be used up to 1000 bar.

Performance

Model	Capacity (bar)	Hose size (inch)	Connector Jack	Dimension	Weight (kg)
BCW45-H	1,000	¼	One-touch type	10m * 2 roll	9

Lay out



HIGH PRESSURE CLEANER



Features

- **POSCO ENROLLED – Q2211102**
- Highly durable with the use of an Italian pump
- Easy to move with rotatable casters / big wheels and handles
- Ball valve for venting air which is sucked together with water
- Various options available
 - Self Circulation – Without on-site water dumping
 - Thermal Sensor – Pump protection device to prevent pump temperature rise, automatically applied when self-circulation is selected
 - Frame can be changed to SUS (charged)
 - Hose reel – Powder or SUS, top attachment possible
 - Total stop – Auto stop when not in use, auto start when lever is pulled

Applications

- Laitance removal, construction equipment cleaning
- Removal of cement from ready-mix concrete plants, rust removal
- Facilities cleaning in metal / petrochemical / leather plants
- Cleaning of tanks, heat exchangers (tube cleaning), boilers, and pipes

Components

- Basic : HP pump, Motor, Pressure regulator, Pressure gauge, On/Off switch, HP Hose 30m, Spray gun+Lance 900mm+Fan jet nozzle, Suction hose and by-pass hose
- Charged : SUS Frame change, Total Stop, Rotating nozzle, Variable angle nozzle, Sewerage cleaning nozzle, Tube cleaning nozzle, Hose extension, Hose reel(Painted or stainless steel)

Equipment Specification

Model	Pressure	Flow	Motor	Spray gun	HP Hose	Dimension	Weight
MEGA-350/21P MEGA-350/21S MEGA-350/21P-TS MEGA-350/21S-TS	350bar	21lpm	AC220/380/440V, 15kw(20hp), 50/60hz	Max. 390bar 40lpm	3/8" 2W 10m (ID:9.5mm,OD:18.7mm) WP330bar, BP1320bar	L x W x H : 840 x 637 x 855 mm	100 kg

Charged Supplies

Total Stop	Hose reel	Rotation nozzle	Sewerage nozzle	Tube cleaning hose	Spin nozzle	HP hose
Auto stop when not in use (Self-circulation and Thermal sensor automatically applied)	Painted or stainless steel (anti-twisting swivel included)	400bar (ceramic, brass) 500bar (tungsten, sus)	1/4" R x 3 jets For under Ø100 pipes	Rigid hose T5/2, 1040bar G1/4-1/8M 12m	Ø12 Spin NZ G1/8" 1000bar 25L	For sewer pipes-1/4" 2W compact, Max. 50m, Hose extension -3/8" 2W, 10m unit Hose reel recommended over 30m hose

Consumables

Pressure sensor	Regulator	Spray gun	Gun nipple	Pressure gauge	Suction filter	Water seal kit	Valve kit	Piston
PR16, 3/8"	VHP39, 390bar 40L	RL56, 390bar 40lpm	3/8"-M22	Ø63, 1000bar A	1/2", 45mesh Brass + SUS element	Kit 2874	Kit 2871	Ø18, ceramic

HIGH PRESSURE CLEANER

Applications



***H-Beam Cleaning / Ship's Bark Removal / Drum Plate Cleaning**

Hydraulic Cleaner Types



- High Pressure Cleaner
- Ultra High Pressure Cleaner
- Engine-Driven Type Cleaner
- Pipe Cleaning System