

Product Catalogue>>Crimping Tools

Class 1 -- Battery powered crimping tool --

/03/	Mini battery crimper	4t	Max. 185mm ²
/03/	Mini battery crimper	5.5t	Max. 300mm ²
/03/	Mini battery crimper	5.5t	Max. 240mm ²
/04/	Battery crimping tool	6t	Max. 300mm ²
/04/	Battery crimping tool	12t	Max. 400mm ²
/05/	Battery crimping tool	12t	Max. 400mm ²
/05/	Battery crimping tool	15t	Max. 630mm ²
/05/	Dieless battery crimper	6t	Max. 300mm ²
/06/	Multifunctional crimper	6t	Max. 300mm ²
/06/	Multifunctional crimper	12t	Max. 400mm ²

Class 2 -- Hand hydraulic crimping tool --

/07/	Hand crimping tool	5t	Max. 185mm ²
/07/	Hand crimping tool	6t	Max. 300mm ²
/07/	Hand crimping tool	12t	Max. 400mm ²
/07/	Hand crimping tool	12t	Max. 300mm ²
/07/	Hand crimping tool	13t	Max. 400mm ²
/08/	Hand crimping tool	6t	Max. 70mm ²
/08/	Hand crimping tool	8t	Max. 120mm ²
/08/	Hand crimping tool	12t	Max. 240mm ²
/08/	Hand crimping tool	13t	Max. 300mm ²
/08/	Dieless hydraulic crimping tool	6t	Max. 300mm ²

Class 3 -- Crimping head --

/09/	Crimping head	6t	Max. 300mm ²
/09/	Crimping head	12t	Max. 400mm ²
/09/	Crimping head	15t	Max. 500mm ²
/09/	Dieless hydraulic Crimping head	6t	Max. 300mm ²
/09/	Dieless hydraulic Crimping head	18t	Max. 400mm ²
/09/	Multi-functional hydraulic crimping head	6t	Max. 300mm ²
/10/	Hydraulic crimping head	25t	Max. 630mm ²
/10/	Hydraulic crimping head	45t	Cu/Al: Max. 800mm ²
/10/	Hydraulic crimping head	60t	Cu/Al: 60mm S:26mm
/10/	Hydraulic crimping head	100t	Cu/Al: 70mm S:36mm
/10/	Hydraulic crimping head	200t	Cu/Al: 100mm S:50mm

Class 4 -- Mechanical crimping tool --

/11/	Mechanical crimping tool
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Battery crimping series

Two stage hydraulic ■ Computer chips ■ LCD ■ LED

Our strength can be seen



BETE MANUFACTURE

CRIMPING TOOLS

Battery powered mini crimping tool

Head 360° :
Flip top style, crimping head rotates 360°

Two stage hydraulics:
Two stage hydraulics, automatic pressure release

Lithium battery:
High-capacity 18V power display lithium battery ,
with fast charger

PP Plastic case:
PP plastic, molding in one, strong and anti-impact

Suitable for crimping in narrow working space

Quick crimping speed Light weight,easy operation



Pressure release button



LCD screen, display crimping times



18V power display lithium battery



PP Plastic case



Electrical construction tools

ECT-185



40kN
700bar

ECT-6022M



55kN
700bar

ECT-240



55kN
700bar

	ECT-185	ECT-6022M	ECT-240
Crimping Force	4t	5.5t	5.5t
Stroke	15mm	17mm	30mm
Reservoir Capacity	60ml	60ml	60ml
Crimping Capacity	Max. 185mm ²	Max. 300mm ²	Max. 240mm ²
Cutting Capacity	-	-	Φ25mm Cu/Al cable,ACSR
Net Weight	2.7kg	3kg	3.5kg
Standard Dies	Cu10-185mm ²	Cu50-300mm ²	Cu16-240mm ²
			Cutting blade: UCACSR and UC40
Dimensions	9*5*37cm	9*5*39cm	9*5*44cm
Packing Size	59*51*14cm	59*51*14cm	59*51*14cm

Battery powered crimping tool

Automatic pressure release Easy operation

ECT-6022



ECT-12042



Head 360° :
Flip top style, crimping head rotates 360°

Two stage hydraulics:
Two stage hydraulics, automatic pressure release

LCD:
LCD screen, display crimping times

LED light:
Equipped with LED work lights to make work easier

Lithium battery:
High-capacity 18V power-on display lithium battery
with fast charger

PP Plastic case:
PP plastic, molding in one, strong and anti-impact

	ECT-6022	ECT-12042
Crimping Force	6t	12t
Stroke	17mm	42mm
Rated Pressure	700bar	700bar
Crimping Capacity	Max. 300mm ²	Max. 400mm ²
Net Weight	4.2kg	6.8kg
Standard Dies	Cu50-300mm ²	Cu50-400mm ²
Dimensions	28*7*29cm	44*7*28cm
Packing Size	59*51*14cm	59*51*14cm



Battery level



Pressure release button



Working light



LCD



Rubber handle



Air grid



Strap buckle

Produnct Features:

- Head 360°** : Flip top style, crimping head rotates 360°
- Two stage hydraulics:** Two stage hydraulics, automatic retraction (ECT-6030 / ECT-120H)
- LCD:** LCD screen, display crimping times
- LED light:** Equipped with LED work lights to make work easier
- Lithium battery:** High-capacity 18V power-on display lithium battery, with fast charger
- PP Plastic case:** PP plastic, molding in one, strong and anti-impact

ECT-6030

Dieless battery powered crimping tool

1. Indent crimping, no need to change dies
2. Three movable indenting nibs push connectors against the top fixed nib. As a result, four indentations are made into the connector



ECT-120H

Battery powered crimping tool

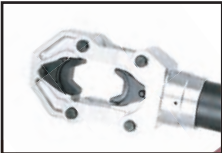
1. Uniform force, wider crimping width



ECT-15050

Battery powered crimping tool

1. Big jaw for larger crimping capacity
2. Use die adapter for 12T crimping dies
3. Manual retraction



	ECT-6030	ECT-120H	ECT-15050
Crimping Force	6t	12t	15t
Stroke	32mm	18mm	50mm
Rated Pressure	700bar	700bar	700bar
Crimping Capacity	Max. 300mm ²	Max. 400mm ²	Max. 630mm ²
Net Weight	5.2kg	7kg	9.5kg
Standard Dies	–	Die adapter, Cu70–400mm ²	Die adapter, (12T) Cu50–400mm ²
Dimensions	40*8*28cm	44*7*28cm	51*8*28cm
Packing	Plastic case	Plastic case	Plastic case
Packing Size	59*51*14cm	59*51*14cm	66*49*14cm



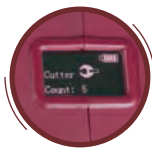
Battery level



Pressure release button



Working light



LCD



Rubber handle



Air grid



Strap buckle

Multi-functional battery powered tool

Automatic pressure release

Easy operation

One tool for multifunction

- Head 360°** : Flip top style, crimping head rotates 360°
- Two stage hydraulics:** Two stage hydraulics, automatic pressure release
- LCD:** LCD screen, display crimping times
- LED light:** Equipped with LED work lights to make work easier
- Lithium battery:** High-capacity 18V power-on display lithium battery, with fast charger
- PP Plastic case:** PP plastic, molding in one, strong and anti-impact

ECT-60UNV

- 1.One tool for multifunction, crimping, cutting and sheet steel punching



ECT-120UNV

- 1.One tool for multifunction, crimping, cutting and punching and nut splitting



	ECT-60UNV	ECT-120UNV
Crimping Force	6t	12t
Rated Pressure	700bar	700bar
Crimping Capacity	Max. 300mm ²	Max. 400mm ²
Punching Capacity	Plain Steel: 3.5mm thick, Φ64mm / Stainless Steel: 2.5mm thick, Φ64mm	Angle Steel: 6mm thickness / Basbar Cu/Al: Max.6.5mm thickness
Cutting Capacity	Max. 40mm Cu/Al/ACSR	Max.44mm ACSR
Nut Splitting Capacity	–	Max. 36mm Nut
Net Weight	4.5kg	4.6kg (Excluding the head)
Standard Dies	Die adapter, Cu50–300mm ² Cutting blade: UCACSR/UC40	Crimping dies Cu50–400mm ² , punching dies 10.5 13.5 17.5, nut splitting blade, blade holder, cutting head
Dimensions	43*8*28cm	34*8*28cm
Packing	Plastic case	Plastic case
Packing Size	59*51*14cm	59*51*14cm



Battery level



Pressure release button



Working light



LCD



Rubber handle



Air grid



Strap buckle

Hand hydraulic crimping tool

HCT-185

- 1. Crimping head rotates 360°
- 2. Two stage hydraulic, automatic pressure release
- 3. Super quick, light, durable
- 4. Flip top style for easy access to the fitting



HCT-6022

- 1. Crimping head rotates 360°
- 2. Two stage hydraulic, automatic pressure release
- 3. Super quick, light, durable
- 4. Flip top style for easy access to the fitting



HCT-12042

- 1. Crimping head rotates 360°
- 2. Two stage hydraulic, automatic oressure release
- 3. C-head with 42mm opening width for easy access to the fitting
- 4. Suitable for crimping cable terminal, C-clamp, connector and overhead line



EP-431

- 1. Crimping head rotates 180° , suitable for various working angles
- 2. Two stage hydraulics, automatic pressure release
- 3. C-shaped opening jaw design



EP-510C

- 1. Crimping head rotates 180° , suitable for various working angles
- 2. Two stage hydraulics, automatic pressure release
- 3. C-shaped opening jaw design



	HCT-185	HCT-6022	HCT-12042	EP-431	EP-510C
Crimping Force	5t	6t	12t	12t	13t
Stroke	15mm	17mm	42mm	31mm	38mm
Rated Pressure	700bar	700bar	700bar	700bar	700bar
Crimping Capacity	Max. 185mm²	Max. 300mm²	Max. 400mm²	Max. 300mm²	Max. 400mm²
Net Weight	2kg	3.8kg	6.1kg	6.2kg	7.8kg
Standard Dies	Cu10-185mm²	Cu50-300mm²	Cu70-400mm²	Cu50-300 mm²	Cu70-400 mm²
Dimensions	37*13*6cm	50*17*7cm	56*17*7cm	67*17*9cm	67*17*9cm
PP Plastic case	51*22*11cm	67*30*12cm	67*30*12cm	73*36*13cm	73*36*13cm

Hand hydraulic crimping tool

BQK-70

- 1. Crimping head rotates 180°
- 2. High-density clamp head, stronger pressure
- 3. Two-speed oil inlet design, leak-proof and durable, stable operation, Safe and firm
- 4. C-shaped opening jaw design



BQK-120

- 1. Crimping head rotates 180°
- 2. High-density clamp head, stronger pressure
- 3. Two-speed oil inlet design, leak-proof and durable, stable operation, Safe and firm



BQK-240

- 1. Crimping head rotates 180°
- 2. High-density clamp head, stronger pressure
- 3. Two-speed oil inlet design, leak-proof and durable, stable operation, Safe and firm



BQK-300

- 1. Crimping head rotates 180°
- 2. High-density clamp head, stronger pressure
- 3. Two-speed oil inlet design, leak-proof and durable, stable operation, Safe and firm



HCT-6030

Dieless hand hydraulic crimping tools

- 1. Crimping head rotates 180° , suitable for all working angles
- 2. Two stage hydraulics, automatic pressure release
- 3. C-shaped opening jaw design



	BQK-70	BQK-120	BQK-240	BQK-300	HCT-6030
Crimping Force	6t	8t	12t	13t	6t
Stroke	12mm	16mm	20mm	20mm	32mm
Rated Pressure	700bar	700bar	700bar	700bar	700bar
Crimping Capacity	Max. 70mm²	Max.120mm²	Max.240mm²	Max.300mm²	Max. 300mm²
Net Weight	3kg	4.5kg	6.8kg	6.6kg	4.8kg
Standard Dies	Cu4-70mm²	Cu10-120mm²	Cu16-240mm²	Cu16-300 mm²	-

Hydraulic crimping head

Head rotate 360 degrees, suitable for narrow space operation

Equipped with quick coupler, easy to disassemble

Powered by single acting hydraulic pump

PCS-12042

- 1. C-head with 42mm opening iaw width, connector easy pick & place
- 2. Suitable for crimping cable terminal , C-clamp, connector and overhead line



PCS-22

- 1. Filp top style for easy access to the fitting



PCS-610

- 1. C-shaped opening jaw, easy connector pick& place
- 2. C-head with 50mm opening jaw for easy access to the fitting



Dieless hydraulic crimping head

PCS-6030

- 1. 1.Four point indent crimping, firmly connects the lugs and conductors
- 2. No need to change crimping dies, easy operation
- 3. Suitable for crimping special lugs



Powered by single acting hydraulic pump

Equipped with quick coupler, easy to disassemble

PCS-400

- 1. 1.Four point indent crimping, open-mouth design, easy operation
- 2. Suitable for crimping special lugs



	PCS-22	PCS-12042	PCS-610	PCS-6030	PCS-400
Crimping Force	6t	12t	15t	6t	18t
Stroke	17mm	42mm	50mm	32mm	—
Rated Pressure	700bar	700bar	700bar	700bar	700bar
Crimping Capacity	Max. 300mm ²	Max. 400mm ²	Max. 500mm ²	Max. 300mm ²	Max. 400mm ²
Net Weight	2.5kg	5.5kg	6.8kg	3kg	11.2kg
Standard Dies	Cu50-300mm ²	Cu70-400mm ²	Die adapter	—	—
Dimensions	38*20*17cm	36*13*9cm	40*13*7cm	54*17*8cm	/
Packing	Canvas Bag	Canvas Bag	Canvas Bag/Steel Case	Canvas Bag	Canvas Bag

Multi-functional hydraulic crimping head 6T

PCS-60UNV



PCS-60UNV	
Crimping Force	6t
Rated Pressure	700bar
Crimping Capacity	Max. 300mm ²
Punching Capacity	Plain Steel: 3.5mm thick, Φ64mm / Stainless Steel: 2.5mm thick, Φ64mm
Cutting Capacity	Max.40mm Cu/Al/ACSR
Net Weight	4.5kg
Standard Dies	Die adapter, Cu50-300mm ² Cutting Capacity: UCACSR/UC40

Hydraulic crimping head

- 1. U-type crimping head, sturdy and durable
- 2.Pin-type crimping head for easy access to the fitting
- 3. Quick coupler for easy disassembly
- 4. Powered by single acting hydraulic

PCS-25

- 1. Light weight, suitable for overhead line wok
- 2. Suitable for switch factories, electrical appliance manufacturers, cable factories, elevator manufacturing, shipbuilding, railways, substations, power installation companies, etc.



PCS-45

- 1. Flat base, keep horizontal level



Hydraulic crimping head

- 1. Crimp overhead line ACSR, splicing sleeves and strain clamp for 110kV to 220kV power transmission line
- 2. The head is the upper die fixed seat, which can be rotated and quickly opened for middle and end crimping operations
- 3. Quick coupler for easy disassembly
- 4. Powered by single acting hydraulic

PCS-60



PCS-60A



Double action hydraulic crimping head

- 1. Double-acting hydraulic cylinder can shorten piston reset time
- 2. Double action cylinder makes piston fast retraction
- 3. Quick coupler for easy disassembly
- 4. Powered by douoble acting hydraulic

PCS-100

- 1. Crimp overhead line ACSR, strain clamps for 110kV and underground cable sleeves for 200kV



PCS-200

- 1. Crimp overhead line strain clamps and splicing sleeves for 500kV and underground cable sleeve for 220kV



	PCS-25	PCS-45	PCS-60	PCS-60A	PCS-100	PCS-200
Crimping Force	25t	45t	60t	60t	100t	200t
Stroke	20mm	20mm	38.5mm	38.5mm	22mm	40mm
Rated Pressure	700bar	700bar	700bar	700bar	700bar	700bar
Crimping Capacity	Max. 630mm ²	Max. 800mm ²	Cu/Al Max. 60mm Steel Max. 26mm	Cu/Al Max. 60 mm Steel Max. 26mm	Cu/Al Max. 76 mm Steel Max. 36 mm	Cu/Al Max. 100 mm Steel Max. 50 mm
Weight	5.5kg	11kg	25kg	20kg	31kg	85kg
Packing	Canvas Bag	Canvas Bag	Steel Case	Steel Case	Steel Case	Steel Case
Dimensions	36*13*13cm	22*13*27cm	27*16*32cm	24*22*45cm	28*18*36.5cm	40*23*45cm
Packing Size	—	—	32*25*37cm	50*25*31cm	37.5*27*45.5cm	50*32*46cm

HT-50

HT-120

HT-150

Mechanical crimping tool

Mechanical crimping tool

Mechanical crimping tool



TC-6

TH-10

T-S10L

Sleeve terminal crimping tool

Insulated and non-insulated sleeve crimping tool

Bare terminal crimping tool



	HT-50	HT-120	HT-150	TC-6	TH-10	T-S10L
Crimping Capacity	6-50mm ²	10-120mm ²	25-150mm ²	0.25-6mm ²	0.75-10mm ²	0.5-1/1.5-2.5/4-6/10mm ²
Length	395mm	625mm	625mm	175mm	225mm	227mm

T-S6L

T-J6

T-S6

Non-preinsulated terminal crimper

Pre-insulated terminal crimper

Bare terminal crimper (Japan type)



T-S10

T-S16

T-S16L

Bare terminal crimper (Japan type)

Bare terminal crimper (Japan type)

Bare terminal crimper (Japan type)



	T-S6L	T-J6	T-S6	T-S10	T-S16	T-S16L
Crimping Capacity	1.5-6mm ²	0.5-1/1.1-2.5/2.6-6mm ²	1-6mm ²	1.25-10mm ²	1.25-16mm ²	1.25-16mm ²
Length	227mm	327mm	247mm	277mm	278mm	275mm

Product Catalogue>>Cutting Tools

Class 1 -- Battery powered cutting tool --

/14/	Battery powered ratchet cable cutter	/	Max. φ 54mm
/14/	Battery powered ratchet cable cutter	/	Max. φ 54mm
/14/	Battery powered mini cutting tool	4.5t	Max.300mm ²
/15/	Battery powered cutting tool	6t	Max. φ 45mm
/15/	Battery powered cutting tool	12t	Max. φ 55mm
/16/	Battery powered cutting tool	6t	Max. φ 50mm
/16/	Battery powered cutting tool	6t	Max. φ 85mm
/16/	Battery powered cutting tool	12t	Max. φ 105mm

Class 2 -- Hand hydraulic cutting tool --

/17/	Hand hydraulic cutting tool	6t	Max. φ 45mm
/17/	Hand hydraulic cutting tool	12t	Max. φ 55mm
/17/	Hand hydraulic cutting tool	6t	Max. φ 50mm
/17/	Hand hydraulic cutting tool	6t	Max. φ 85mm

Class 3 -- Hydraulic cutting head --

/18/	Hydraulic cutting head	4.5t / Max.300mm ²	/19/	Hydraulic cutting head	6t / Max. φ 50mm
/18/	Hydraulic cutting head	6t / Max. φ 45mm	/19/	Hydraulic cutting head	6t / Max. φ 85mm
/18/	Hydraulic cutting head	12t / Max. φ 55mm	/19/	Hydraulic cutting head	12t / Max. φ 105mm
/18/	Hydraulic cutting head	6t / Max.40mm	/19/	Hydraulic cutting head	10t / Max. φ 120mm
			/19/	Hydraulic cutting head	12t / Max. φ 120mm
			/19/	Hydraulic cutting head	10t / Max. φ 132mm
			/19/	Hydraulic cutting head	30t / Max. φ 160mm
			/19/	Hydraulic cutting head	20t / Max. φ 150mm

Class 4 -- Insulating protective knife --

/20/	Insulated hydraulic cutting tool with hand & foot pump	10t	Max. φ 132mm
/20/	Insulated hydraulic cutting tool with electric pump	10t	Max. φ 132mm
/20/	Insulated hydraulic cutting tool with electric pump	10t	Max. φ 132mm
/21/	Wireless insulated hydraulic cutting tool	10t	Max. φ 120mm
/21/	Hand held insulated hydraulic cutting tool	12t	Max. φ 105mm

Class 5 -- Other --

/22/	Cable spiking tool	15t
/22/	Cable spiking tool with wireless remote control	3t
/22/	Ratchet cable cutter	/
/23/	Ratchet cable cutter	/

Battery cutter series

- ☒ High strength
- ☒ Cutting fast
- ☒ Easy to operate
- ☒ Automatic pressure release

Simple design perfect experience



Battery powered ratchet cable cutter

Suitable for narrow working space
Light weight, easy operation

RC-54

1. The tool is small and suitable for cutting in narrow working space
2. Filp top style, easy to pick & place cable
3. High-capacity 14.4V Li-ion battery with quick charger
4. It has built-in overload protection device to prevent overload operation
5. The exact cutting capacity depends on the type of cable or rope



RC-54AC

1. The tool is small and suitable for cutting in narrow working space
2. Filp top style, easy to pick & place cable
3. High-capacity 14.4V Li-ion battery with quick charger
4. It has built-in overload protection device to prevent overload operation
5. The exact cutting capacity depends on the type of cable or rope



Battery powered mini cutting tool

ECT-30MC

1. Filp top style, easy to pick & cable pipe, cutting head rotates 360°
2. Two stage hydraulic, automatic pressure-relief built-in microchip controller, easy to read and record information
3. High-capacity 14.4V Li-ion battery with quick charger



45kN

700bar

RC-54		RC-54AC		ECT-30MC	
Cutting Capacity	Max. : $\Phi 54\text{mm}$ Cu/Al	Max.: $\Phi 54\text{mm}$ Cu/Al , 100mm^2 copper strand wire Max.: 240mm^2 Steel-core ACSR		Max.: 300mm^2 Single-core cable Max.: 240mm^2 Steel-core ACSR	
Net weight	2.1kg	3kg		3kg	
Dimensions	190*110*340mm	210*110*290mm		90*50*390mm	
Packing	Plastic Case	Plastic Case		Plastic Case	
14.4V Li-ion battery (1pcs)		14.4V with fast charger (1pcs)	18V Li-ion battery (1pcs)	Fast charger (1pcs)	PP Plastic case
					
RC-54	✓	✓			✓
RC-54AC	✓	✓			✓
ECT-30MC			✓	✓	✓

Battery powered cutting tool

Head 360° : Filp to style, head rotates 360°

Two stage hydraulic: Two stage hydraulic, automatic pressure-release

LCD screen: External LCD screen, easy to read the cutting times

LED: With LED light for dark place

Lithium battery: High-capacity 18V Li-ion battery, with quick charger

PP Plastic case: PP plastic, molding in one, strong and anti-impact

Cutting capacity: The exact cutting capacity depends on the type of cable or rope

- Automatic pressure-release
- Easy operation
- Strong plastic case

ECT-45



ECT-55



ECT-45		ECT-55	
Outout Force	6t	12t	
Rated Pressure	700bar	700bar	
Cutting Capacity	Max.: Φ45mm Cu/Al/ACSR, Max.: Φ12mm steel bar	Max.: Φ55mm Cu/Al/ACSR, Max.: Φ22mm steel bar	
Net Weight	5.5kg	8.3kg	
Dimensions	450*70*260mm	510*70*280mm	
Packing	Plastic Case	Plastic Case	
Packing Size	59*51*14cm	59*51*14cm	



Battery powered cutting tool

Head 360° : Filp to style, head rotates 360°

Two stage hydraulic: Two stage hydraulic, automatic pressure-release

LCD screen: External LCD screen, easy to read the cutting times

LED: With LED light for dark place

Lithium battery: High-capacity 18V Li-ion battery, with quick charger

PP Plastic case: PP plastic, molding in one, strong and anti-impact

Cutting ability: For cutting copper and aluminum cables with light weight steel armored (depending on cable type)

- Automatic pressure-release
- Easy operation
- Strong plastic case

ECT-50



ECT-85



ECT-105



	ECT-50	ECT-85	ECT-105
Outout Force	6t	6t	12t
Rated Pressure	700bar	700bar	700bar
Cutting Capacity	Max.: Φ50mm Cu/Al 10kV single-core cable 400mm ²	Max.: Φ85mm Cu/Al Max.: (10kV)3x185mm ² armored cable	Max.: Φ105mm Cu/Al Max.: (10kV)3x300mm ² armored cable
Net Weight	4.2kg	6.7kg	10.7kg
Dimensions	440*70*280mm	550*70*280mm	640*90*280mm
Packing	Plastic Case	Plastic Case	Plastic Case
Packing Size	59*51*14cm	59*51*14cm	66*48*12.5cm



Hydraulic cutting tool

- 1. **Two stage hydraulic:** Two stage hydraulics, automatic pressure-release
- 2. **Easy operation:** Fast cutting, light weight, easier for cutting
- 3. **Head 360° :** Flip top, cutting head rotates 360°
- 4. **Quick hand release:** Hand release button, release during the operation with quick retraction
- 5. **Cutting ability:** The exact cutting capacity depends on the type of cable or rope

HC-45



60kN
700bar

HC-55



120kN
700bar

Hydraulic cutting tool

- 1. **Two stage hydraulic:** Two stage hydraulics, automatic pressure-release
- 2. **Easy operation:** Fast cutting, light weight, easier for cutting
- 3. **Head 360° :** Flip top, cutting head rotates 360°
- 4. **Quick hand release:** Hand release button, release during the operation with quick retraction
- 5. **Cutting ability:** The exact cutting capacity depends on the type of cable or rope

HC-50



60kN
700bar

HC-85



60kN
700bar

	HC-45	HC-55	HC-50	HC-85
Outout Force	6t	12t	6t	6t
Rated Pressure	700bar	700bar	700bar	700bar
Cutting Capacity	Max.: Φ45mm Cu/Al/ACSR	Max.: Φ55mm ACSR	Max.: Φ50mm Cu/Al	Max.: Φ85mm Cu/Al
	Max.: Φ12mm steel bar	Max.: Φ22mm steel bar	10kV 400mm²	Max.: (10kV)3x185mm² armored cable
Net Weight	5.5kg	7kg	3.9kg	6.4kg
Dimensions	58*17*8cm	61*17*8.5cm	56*17*8cm	69*19*8.5cm
Packing Size	51*22*11cm	51*22*11cm	51*22*11cm	73*36*13cm

Hydraulic cutting head

PC-30C

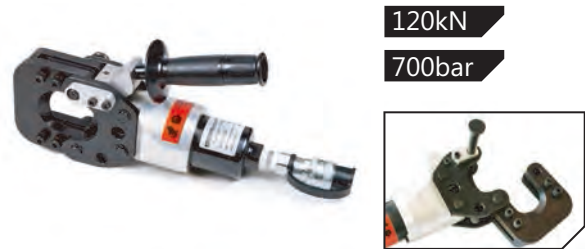
- 1. C-type opening for easy access to the fitting
- 2. Powered by single acting hydraulic pump
- 3. The exact cutting capacity depends on the type of cable or rope



45kN
700bar

PC-55

- 1. Flip top style for easy access to the fitting
- 2. Powered by single acting hydraulic pump
- 3. The exact cutting capacity depends on the type of cable or rope



120kN
700bar

PC-45

- 1. Flip top style for easy access to the fitting
- 2. Powered by single acting hydraulic pump
- 3. The exact cutting capacity depends on the type of cable or rope



60kN
700bar

PC-55A

- 1. Double circuit oil cylinder reset, efficient and fast, suitable for mass cutting
- 2. Suitable for cutting copper, aluminum cables and ACSR
- 3. Closed cutting head with bolt interlock



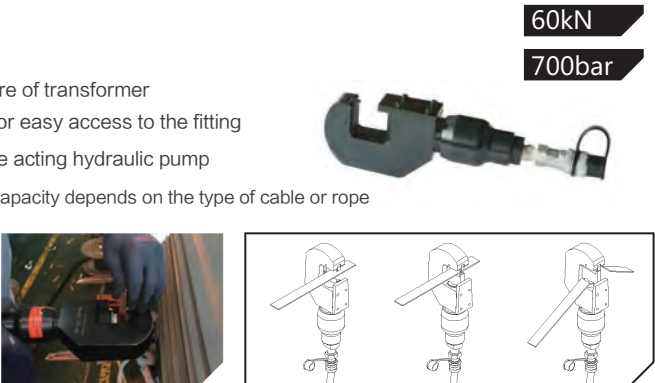
120kN
700bar

	PC-30C	PC-45	PC-55	PC-55A
Outout Force	4.5t	6t	12t	12t
Rated Pressure	700bar	700bar	700bar	700bar
Cutting Capacity	Max. 300mm² single core cable	Max.: Φ45mm Cu/Al/ACSR	Max.: Φ55mm ACSR	Max.: Φ55mm ACSR
	Max. 240mm² ACSR	Max.: Φ12mm steel bar	Max.: Φ22mm steel bar	Max.: Φ22mm steel bar
Net Weight	3kg	3.8kg	5.5kg	4.5kg
Packing	Canvas Bag	Canvas Bag	Canvas Bag	Canvas Bag
Dimensions	36*10*7cm	36*10*7cm	40*13*8cm	47*15*7cm

Hydraulic cutting head

PC-40

- 1. Cut copper flat wire of transformer
- 2. C-type opening for easy access to the fitting
- 3. Powered by single acting hydraulic pump
- 4. The exact cutting capacity depends on the type of cable or rope



60kN
700bar

PC-40	
Outout Force	6t
Rated Pressure	700bar
Cutting Capacity	Max. Φ40mm flat copper wire
New Weight	3kg
Packing	Canvas Bag
Dimensions	36*10*7cm

Hydraulic cutting head

Filp top With handle for easier operation Quick coupler for easy disassembil

Powered by single acting hydraulic pump For cutting copper and aluminum cables with light weight steel armored

PC-50

60kN
700bar



PC-85

60kN
700bar



PC-105

120kN
700bar



PC-120

100kN 700bar

1. Suitable for cutting armored copper and aluminum cables above 10kV
2. Flip-over head design, easy to put in the cable



	PC-50	PC-85	PC-105	PC-120
Output Force	6t	6t	12t	10t
Rated Pressure	700bar	700bar	700bar	700bar
Cutting Capacity	Max.: Φ50mm Cu/Al	Max.: Φ85mm Cu/Al	Max.: Φ105mm Cu/Al	Max.: Φ120mm armored Cu/AL
		Max.: 3x185mm ² armored cable	Max.: 3x300mm ² armored cable	
Net Weight	2.3kg	4.1kg	7.5kg	11kg
Dimensions	36*10*7cm	47*15*7cm	54*20*9cm	62*21*10cm
Packing	Canvas Bag	Canvas Bag	Plastic Case	Plastic Case
Packing Size	—	—	71*35*12cm	71*35*12cm

PC-120C

100kN 700bar

1. Cut large diameter Cu/Al cable or armored cable
2. C-type opening, suitable for narrow working space



PC-132

100kN
700bar



PC-170

300kN 700bar

1. Heavy duty double acting cylinder,quick oil return
2. Hardened blades, faster cutting speed
3. For cutting copper and aluminum cables with light weight steel armored (depending on cable type)



PC-185

200kN
700bar



	PC-120	PC-132	PC-170	PC-185
Output Force	12t	10t	30t	20t
Rated Pressure	700bar	700bar	700bar	700bar
Cutting Capacity	Max.: Φ120mm armored Cu/Al	Max.: Φ132mm armored Cu/Al	Max.: Φ160mm armored Cu/Al	Max.: Φ150mm armored Cu/Al
Net Weight	12kg	12kg	95kg	23kg
Dimensions	68*26*13cm	66*24*10cm	97*34*15cm	88*35*12cm
Packing	Steel Case	Plastic Case	Wooden Case	Steel Case
Packing Size	73*37*15cm	71*35*12cm	—	—

Insulated hydraulic cutting tool

Safe operation to avoid dangerous Qualified by an authoritative organization
Quick coupler for easy disassembil 10 meters imported original insulated oil hose

1. Used to cut Cu/Al or armored cable 35kV and below when it' s not sure live , prevent human injury from mis-operation
2. 10m imported insulated hydraulic hose ensure operator from cutting point, passed insulated test of third party
3. For cutting copper and aluminum cables with light weight steel armored (depending on cable type)



HICT-132-35kV

Insulated hydraulic cutting tool with hand & foot pump

Hand-foot pump made of Al alloy,

8.6kg only



ESIC-132-35kV

Insulated hydraulic cutting tool with electric pump (wireless remote control)

Insulated hydraulic cutting

tool with electric pump (wireless remote control)



EICT-132-35kV

Insulated hydraulic cutting tool with electric pump

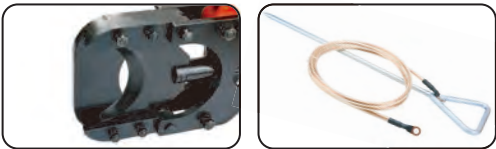


	HICT-132-35kV	ESIC-132-35kV	EICT-132-35kV
Output Force	10t	10t	10t
Rated Pressure	700bar	700bar	700bar
Cutting Capacity	Max.: Φ132mm armored Cu/Al	Max.: Φ132mm armored Cu/Al	Max.: Φ132mm armored Cu/Al
Weight	20.5kg	30.2 kg	30kg
Packing	Al alloy case	Al alloy case	Al alloy case

ESS-120-35kV

Wireless insulated hydraulic cutting tool

- 1. Equipped with two 14.4V batteries, 40 minutes quick charge, suitable for the environment without power supply
- 2. Pressure relief system makes relief at any time
- 3. Prevent accidents of casualties caused by improper operation in maintenance work, wireless remote control (15m distance) electric pump makes operator completely does not contact, ensure safety
- 5. Passed test by third party, for cutting copper and aluminum cables with light weight steel armored (depending on cable type)
- 6. 10m imported insulated hose ensure insulation and keep operator away from cutting parts
- 7. For cutting copper and aluminum cables with light weight steel armored (depending on cable type)



Hydraulic cutting head PC-120 Grounding device



Quick coupler 14.4V Li-ion battery

ESS-120-35kV		ESS-105-10kV
Output Force	10t	12t
Rated Pressure	700bar	700bar
Cutting Capacity	Max.: Φ120mm armored Cu/Al	Max.: Φ105mm armored Cu/Al
Battery	14.4V (2)	18V
Reservior Capacity	0.6L	0.2L
Oil Delivery at High/Low pressure	0.21 (1.65) L/min	—
Weight	15kg	10kg
Packing	Al alloy case	Al alloy case

ESS-105-10kV

Hand held insulated hydraulic cutting tool

- 1. High efficiency battery hydraulic pump, compact structure and light weight
- 2. For cutting copper and aluminum cables with light weight steel armored (depending on cable type)
- 3. Passed test by third party to ensure safety
- 4. 10m insulated hose
- 5. For cutting copper and aluminum cables with light weight steel armored (depending on cable type)



Hydraulic cutting head PC-105 Grounding device



Quick coupler Pressure gauge

CCST-220

Cable spiking tool

- 1. 15T hydraulic cylinder, strong spiking force
- 2. With alloy steel spiking head, can be used repeatedly
- 3. Powered by hand or electric insulated hydraulic pump
- 4. Easy operation and good effect
- 5. Can be used with insulated cutter



	CCST-220	ESCT-220
Output Force	15t	3t
Puncturing diameter	135mm	160mm
Puncturing depth	55mm	55mm
Weight	10kg	8kg
Dimensions	30*23*18cm	45*23*16cm
Packing	Steel Case	Al alloy case

ESCT-220

Cable spiking tool with wireless remote control

- 1. Light weight easy to carry
- 2. Powered by Li-ion battery, convenient to use
- 3. Remote control, ensure safety
- 4. Steel nail as spiking head, easy to replace
- 5. Maximum remote control distance 20m



CC-325

Ratchet cable cutter



CC-520

Ratchet cable cutter



	CC-325	CC-520
Cutting Capacity	Max.: Φ32mm Cu/Al	Max.: Φ52mm Cu/Al
Weight	0.5kg	1.1kg
Packing	Plastic Case	Plastic Case

Manual ratchet cable cutter Operated by one hand Ergonomic handles, skid resistance

J40



J52



	J40	J52
Cutting Capacity	Single core Max. 300mm ² armored Cu/Al	Max. 500mm ² or Φ52mm armored Cu/Al
Weight	1.2kg	3.1kg
Packing	Carton	Carton

J75



J100



J130



	J75	J100	J130
Cutting Capacity	Max.: Φ75mm armored Cu/Al	Max. 3x300mm ² or Φ100mm armored Cu/Al	Max. Φ130mm armored Cu/Al
Weight	4.5kg	6.5kg	9.5kg
Packing	Carton	Carton	Carton

Manual ratchet cable cutter Operated by one hand Ergonomic handles, skid resistance

J13



J25



J25A



J30



	J13	J25/25A	J30
Cutting Capacity	Max. 720mm ² ACSR Max. 50mm ² steel strand	Max. 800mm ² ACSR Max. 150mm ² steel strand	Max. 630mm ² ACSR Max. 100mm ² steel strand
Weight	1.2kg	1.2kg / 3.2kg	3.7kg
Packing	Carton	Carton	Carton

Product Catalogue

Class 1 -- Busbar cutting tool --

/26/	Busbar cutting tool	25	max.12x150mm
/26/	Busbar cutting tool	22t	max.12x160mm
/26/	Busbar cutting tool	30t	max.12x200mm
/26/	Busbar cutting tool	40t	max.16x200mm

Class 2 -- Busbar punching tool --

/27/	Busbar punching tool	31t	max.13mm
/27/	Double acting multifunctional punching machine	60t	max.20mm
/27/	Four-hole punching machine	100t	max.26mm
/28/	Battery powered punching tool	12t	max.6.5mm
/28/	Battery powered steel sheet punching tool	6t	max.3.5mm

Class 3 -- Busbar bending tool --

/29/	Busbar bending tool	15t	max.12x150mm
/29/	Busbar bending tool	20t	max.12x200mm
/29/	Busbar bending tool	25t	max.16x200mm

Class 4 -- Mini busbar bending tool --

/30/	Mini busbar bending tool	12t	/	max.40x8mm
/30/	Multifunctional busbar bending tool	25t	max.125x16mm	max.125x12mm
/30/	Aviation al multifunctional busbar bending tool	25t	max.125x16mm	max.125x12mm
/30/	Double acting multifunctional busbar bending tool	25t	max.125x16mm	max.125x12mm

Class 5 -- Multifunctional Busbar & Pipe Bending Tool --

/31/	Multifunctional Busbar & Pipe Bending Tool	25t	3"
/31/	Al alloy multifunctional busbar & pipe bending tool	25t	3"
/31/	Double acting multifunctional busbar & pipe bending tool	25t	3"

Class 6 -- Hydraulic pipe bending tool --

/32/	Hydraulic pipe bending tool	15t	3"
/32/	Hydraulic pipe bending tool	20t	4"

Class 7 -- Multifunctional busbar processing machine --

/33/	Multifunctional busbar processing machine	/	Cutting, Punching, Bending
/34/	Multifunctional busbar processing machine	/	Cutting, Punching, Horizontal Bending, Vertical Bending

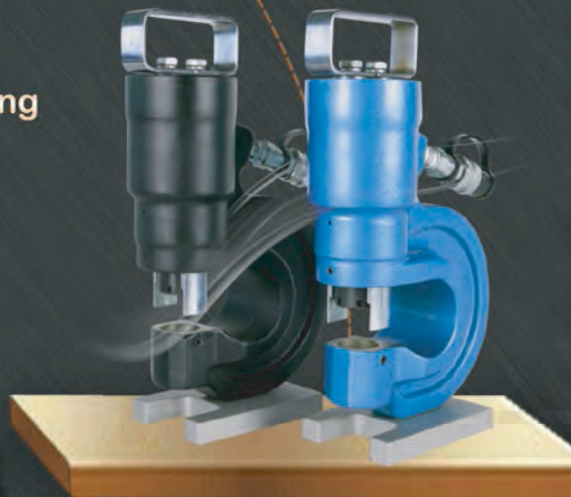
All in one Combined processing machine

The busbar processing combination machine is a matching equipment designed to improve work efficiency and ensure the safety of work. It is most suitable for making large electric control boxes and construction sites for power transmission and distribution construction projects.

Integration

Multifunction

- ▶ High flexibility
- ▶ Small size and strong function
- ▶ High working efficiency
- ▶ Beautiful finished products with accurate processing



Electrical construction tools

Busbar cutting tool

- Quick cutting:** Quick cut with smooth cut surface, chipping, cut waste easy to recycle
- V type blade:** V-type blade ensure cut surface not depressed, efficient contact area of busbar
- Scale plate:** Scale engraved helps the center adjustment easier
- Light weight body:** Quick coupler for easy disassembly
- Quick coupler:** Powered by single acting hydraulic pump

BC-150V

1. Used to cut Cu and Al busbar



25t
700bar



BC-160

1. Used to cut Cu and Al busbar
2. Thinner blade to make less waste



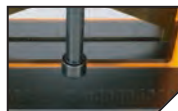
22t
700bar

BC-200V

1. Used to cut Cu and Al busbar



30t
700bar



BC-200/16

1. Used to cut Cu and Al busbar over 500kV
2. Integral hydraulic system structure, fast oil inlet and return speed



40t
700bar



	BC-150V	BC-160	BC-200V	BC-200/16
Output Force	25t	22t	30t	40t
Rated Pressure	700bar	700bar	700bar	700bar
Max Cutting Thickness	12mm	12mm	12mm	16mm
Max Cutting Width	150mm	160mm	200mm	200mm
Amount of oil required	237ml	130ml	275ml	500ml
Weight	28kg	16kg	35kg	46.5kg
Dimensions	27*19*42cm	23*18*46cm	31*20*42cm	33*20*45cm
Packing	Steel Case	Steel Case	Steel Case	Steel Case
Packing Size	38*27*46cm	/	38*27*46cm	50*32*46cm

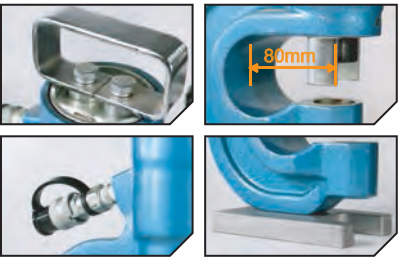
Busbar punching tool Quick punching No burrs and chips Precise positioning

SHAB-80B (blue)

- 1. Body is made of high strength steel
- 2. Quick speed,smooth punching withou burr; positing plate for percise location
- 3. Make punching safe and clean without punching chipping
- 4. Equipped with quick coupler for easy disassembly
- 5. Powered by single acting hydraulic pump



31t
700bar



SHAB-80C (black)

SHAB-80B / SHAB-80C	
Output Force	31t
Rated Pressure	700bar
Max Thickness	Cu/Al 13mm, Plain Steel10mm
Weight	13.5kg
Throat Depth	80mm
Standard accessories	Φ10.5, Φ13.5, Φ17.5, Φ20.5mm dies fixing wrench, hexagon wrench
Optimal punching die accessories	Φ8.5, Φ11.5, Φ15.5, Φ18.5mm
Dimensions	250*100*370mm
Packing	Steel case/Plastic case
Packing Size	44*38*16cm

Busbar punching tool Two stage hydraulic Faster punch

SH-100D

- 1. Two stage hydraulic, faster punch
- 2. Body forged from hign strengh steel
- 3. Throat depth 100mm, punching quicker and easier
- 4. Powered by double acting hydraulic pump



60t
700bar



SH-100D	
Output Force	60t
Rated Pressure	700bar
Max Thickness	Cu/Al 20mm, Plain Steel16mm
Weight	34kg
Throat Depth	100mm
Standard accessories	Φ16, Φ18, Φ22, Φ24mm dies fixing wrench, hexagon wrench
Optional punching die accessories	below Φ8.5-26mm die
Packing	Steel case

Four-hole punching machine

Quick speed No burrs and chips Precise positioning

SH-4D

100t
700bar



- 1. Suitable for punching L-shaped angle steel, H-shaped l-beam, flat steel, copper and aluminum
- 2. The body is made of high-strength forged steel
- 3. Quick punching with smooth punching surface without burr; positing plate design for precise location
- 4. Make punching safe and clean without punching chipping
- 5. Portable for mobile operation, also suitable to fix in workshop for batch punching work
- 6. It can punch one hole, two holes, four holes at the same time
- 7. Powered by double acting hydraulic pump

SH-4D	
Output Force	100t
Rated Pressure	700bar
Single punching number	One, Two, Four
Punching Thickness	Thickness 26mm, width 200mm or less
Distance of four holes	40mm-60mm
Weight	75kg
Packing	Wooden Case
Standard Accessories	Φ18mm punching die, Die fixing block
Optional Accessories	Punching dies customized

Battery powered punching tool Automatic pressure release Punching the pole on the Cross arm

ESH-25



Two stage hydraulics:
Two stage hydraulics, automatic pressure release
LCD:
LCD screen, display punching times
LED:
LED working light for dark place
Lithium battery:
High capacity 18V lithium battery with power diaplay, with fast charger
PP Plastic:
PP plastic, molding in one, strong and anti-impact suitable for punching the pole on the cross arm

ESH-25	
Output Force	12t
Rated Pressure	700bar
Max. Thickness	Angle steel 6mm, Cu/Al 6.5m
Throat depth	25mm
Standard	Punching dies10.5 13.5 17.5mm
Weight	10kg
Packing	Plastic case
Optional punching dies	Punching dies below 17.5mm

Battery powered steel sheet punching tool

Automatic pressure release Punching the pole on the Cross arm

ECT-UA6P



Two stage hydraulics:
Two stage hydraulics, automatic pressure release
LCD:
LCD screen, display punching times
LED:
LED working light for dark place
Lithium battery:
High capacity 18V lithium battery with power diaplay with fast charger
PP Plastic:
PP plastic, molding in one, strong and anti-impact

ECT-UA6P	
Output Force	6t
Rated Pressure	700bar
Punching Capacity	Plain steel plate: 3.5mm thick, ½-3" Stainless steel: 2.5mm thick, ½-3"
Weight	3kg
Packing	Plastic case
Standard	Dies ½-2"

Mechanical punching tool Battery powered punching tool

CGK-1

- 1. Expand Hole, repair hole and punch hole for 10kV distribution network cross arm in power sector, tower; Punching for power plant, substation, copper and aluminum busbar, equipment clamp, flat steel, etc.
- 2. Railway, post and telecommunications, petroleum, geology, construction industry maintenance and reinforcement. The machine does not require electricity and is suitable for outdoor, high-altitude and underwater operations
- 3. Leverage principle, screw force, easy operation, high efficiency
- 4. Made of ultra-high strength alloy steel, light weight and easy to carry



CGK-1	
Punching Thickness	≤10mm
Weight	16kg
Throat Depth	65mm
Standard	13" 15" 17" 19" 21"
Packing	Plastic case

EH-20

- 1. Suitable for punching L-shaped angle steel, H-shaped l-beam, flat steel, copper and aluminum
- 2. Fast punching speed, small size, light weight, easy to operate
- 3. Hydraulic punching can eliminate the chips generated by drilling, and work more safer and Cleaner
- 4. Easy to carry to the work site or fixed in the factory for mass punching



EH-20	
Voltage	220V/110V
Max. Thickness	Cu/Al:8mm Steel/ Steel plate:6mm
Weight	12kg
Throat Depth	40mm
Packing	Steel case

Steel bar cutting tool

ECT-20B

- 1. Tubeless rescue tool, integrated with high hardness shear blade, ultra-high pressure hydraulic pump, micro motor and large capacity battery
- 2. Can quickly and efficiently cut steel bars, steel pipes, house anti-theft windows, etc. It is widely used in the consumption of leaks, emergency rescue, high-altitude operations, earthquake relief and rescue of complex terrain



ECT-20B	
Voltage	18V
Cutting Capacity	4-20mm
Cutting Speed	4-5s
Weight	7kg
Packing	Plastic case

Busbar bending tool

- 1. Used to bend Cu/Al busbar
- 2. With scale to shoe bending angle; Max. bending angle 90°
- 3. Finished bending surface smooth without wrinkle
- 4. Quick coupler for easy disassembly
- 5. Powered by single acting hydraulic pump

LB-150A

- 1. Open-type design, pick finished parts conveniently
- 2. Portable for outdoor work, also can be fixed in work shop for batch work



15t

700bar



LB-200C

- 1. Open-type design, pick finished parts conveniently
- 2. Portable for outdoor work, also can be fixed in work shop for batch work



20t

700bar



LB-200/16

- 1. Bend Cu and Al busbar over 500kV
- 2. Integral hydraulic system, oil inlet and return fast



25t

700bar



	LB-150A	LB-200C	LB-200/16
Output Force	15t	20t	25t
Rated Pressure	700bar	700bar	700bar
Bending Thickness	12mm	12mm	16mm
Bending Width	150mm	200mm	200mm
Oil volume	180ml	158ml	250ml
Weight	20kg	28kg	33kg
Dimensions	36*15*26cm	28*20*35cm	32*22*38cm
Packing	Steel case	Steel case	Steel case
Packing Size	44*22*32cm	32*25*37cm	50*32*46cm

Mini busbar bending tool

OK-101

- 1. Angle mark engraved for exact bending
- 2. Open type, easy to take out the workpiece
- 3. Alloy steel body with light weight, easy to carry
- 4. Quick coupler for easy disassembly



12kN

700bar

- 5. 2 in 1 for horizontal and vertical bending for Cu and Al busbar 40mm for transformer plant, industrial abd mining
- 6. Bending R angle is only 40mm, shortest bending can be 170mm length copper and aluminum busbar

OK-101	
Output Force	12t
Rated Pressure	700bar
Max Bending Capacity	Cu/Al 40mm × 8mm
Need to oil	120ml
Weight	12kg
Packing	Steel Case

Multifunctional busbar bending tool

Aviation al multifunctional busbar bending tool

Double acting multifunctional busbar bending tool

25ton cylinder makes bending powerful, fast and efficient

Quick coupler for easy disassembly

Angle mark engraved for exact bending

Bend Cu and Al busbar up to 125mm for power plant and substation

Open type, easy to take out the workpiece

One tool for horizontal and vertical bending

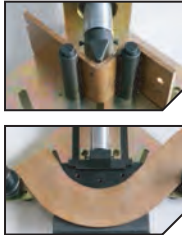
OK-205A

- 1. Alloy steel body with light weight, easy to carry
- 2. Powered by single acting electric hydraulic pump



250kN

700bar



OK-205L

- 1. Aviation aluminum body with light weight, easy to carry
- 2. Powered by single acting electric hydraulic pump



250kN

700bar

OK-205D

- 1. Alloy steel body with light weight, easy to carry
- 2. Powered by double acting electric hydraulic pump



250kN

700bar

	OK-205A	OK-205L	OK-205D
Outout Force	25t	25t	25t
Rated Pressure	700bar	700bar	700bar
Horizontal Bending Capacity	Max. 125mm × 16mm Cu/Al	Max. 125mm × 16mm Cu/Al	Max. 125mm × 16mm Cu/Al
Vertical Bending Capacity	Max. 125mm × 12mm Cu/Al	Max. 125mm × 12mm Cu/Al	Max. 125mm × 12mm Cu/Al
Oil volume	867ml	867ml	867ml
Weight	52.5kg	38kg	53kg
Standard Accessories	Double offest ring (19-inch), Allen wrench (5mm, 8mm, 10mm), Horizontal bending die, vertical bending die base, 8pcs vertical bending dies (40-80x4 40-80x5 40-80x6 40-80x8 40-80x10 100x10 120-125x10 120-125x12) 6pcs support blocks (4, 5, 6, 8, 10, 12), Oil cylinder screw		
Optional Accessories	Horizontal bending tripod		
Packing	Wooden case for main body, steel case for accessories		

BETE MANUFACTURE

BUSBAR PROCESSING TOOLS

Multifunctional
busbar & pipe
bending tool

Al alloy multifunctional
busbar&pipe
bending tool

Double acting
multifunctional busbar &
pipe bending tool

- 25ton cylinder makes bending powerful, fast and efficient
- Bend Cu and Al busbar up to 125mm for power plant and substation
- Clamshell design for easy access
- One machine with three functions: horizontal bending, vertical bending and pipe bending
- Equipped with quick connectors for easy disassembly
- Equipped with angle mark to ensure bending quality

OK-2510-PC

1. Alloy steel body with light weight, easy to carry
2. Powered by single acting electric hydraulic pump



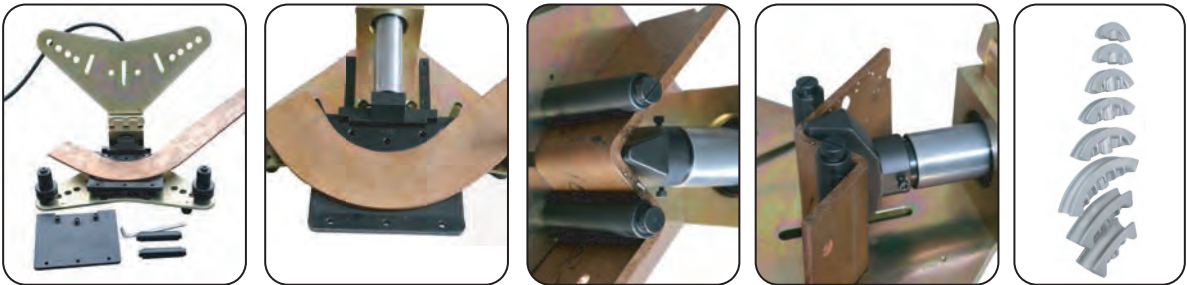
OK-2510-PCL

1. Aviation aluminum body with light weight, easy to carry
2. Powered by single acting electric hydraulic pump



OK-2510-PCD

1. Alloy steel body with light weight, easy to carry
2. Powered by double acting electric hydraulic pump



OK-2510-PC		OK-2510-PCL		OK-2510-PCD	
Output Force	25t	25t	25t	25t	25t
Rated Pressure	700bar	700bar	700bar	700bar	700bar
Horizontal Bending Capacity	Max. 125mm × 16mm Cu/Al	Max. 125mm × 16mm Cu/Al	Max. 125mm × 16mm Cu/Al	Max. 125mm × 16mm Cu/Al	Max. 125mm × 16mm Cu/Al
Vertical Bending Capacity	Max. 125mm × 12mm Cu/Al	Max. 125mm × 12mm Cu/Al	Max. 125mm × 12mm Cu/Al	Max. 125mm × 12mm Cu/Al	Max. 125mm × 12mm Cu/Al
Pipe Bending Capacity	3"	3"	3"	3"	3"
Weight	53.5kg	39kg	39kg	54kg	54kg
Standard Accessories	Double offset ring panner (19 ") Allen wrench (5mm, 8mm, 10mm) Horizontal bending die vertical die base, 8pcs vertical bending dies (40–80x4 40–80x5 40–80x6 40–80x8 40–80x10 100x10 120–125x10 120–125x12) 6pcs bending middle screw (4, 5, 6, 8, 10, 12) Oil cylinder screw, 7pcs bending dies (½ ¾ 1 1½ 2 2½ 3) 2pcs leaning dies				
Oil volume	867ml				
Optional Accessories	Horizontal Bending tripod				
Packing	Wooden case for main body, steel case for accessories and pipe bending dies				

Electrical construction tools

Hydraulic pipe bending tool

PB-3

1. Bend water pipe, conduit pipe, gas pipe and thick steel pipe to 90°
2. ½° ~ 2° , bending to 90° once , smooth bending without wrinkle
3. Quick coupler easy to disassembly
4. Using high–strength aluminum alloy, lighter and stronger, easy to carry



Hydraulic pipe bending tool

PB-4

1. Bend water pipe, conduit pipe, gas pipe and thick steel pipe to 90°
2. ½° ~ 2° , bending to 90° once , smooth bending without wrinkle
3. Quick coupler easy to disassembly
4. Using Aviation aluminum, lighter and stronger, easy to carry



PB-3		PB-4	
Output Force	15t	20t	20t
Rated Pressure	700bar	700bar	700bar
Application Range	Thin electric pipe 15mm(5/8")–75mm(3") Thick electric pipe 18mm(½")–82mm(3") Gas pipe 15 mm(½")–65mm(2½")	Thin electric pipe 15mm(5/8")–75mm(3") Thick electric pipe 18mm(½")–82mm(3") Gas pipe 15 mm(½")–80mm(2½")	Thin electric pipe 15mm(5/8")–75mm(3") Thick electric pipe 18mm(½")–82mm(3") Gas pipe 15 mm(½")–80mm(2½")
Max bending capacity	3"	4"	4"
Oil volume	516ml	516ml	516ml
Weight	22kg	35kg	35kg
Packing	Steel Case	Steel Case	Steel Case
Standard Accessories	½ " ¾ " 1 " 1½ " 2 " 2½ " 3 " (1¼ " optional)		½ " ¾ " 1 " 1½ " 2 " 2½ " 3 " (1¼ " optional)

Pipe bending dies and pipe diamrter comparsion table														
Bending dies for thin electic pipe					Bending dies for thick electric pipe					Bending dies for gas pipe				
Number of pipe ben- ding die (Pi pe number)	Applicable steel pipe specifications			Radius of bending	Number of pipe ben- ding die (Pi pe number)	Applicable steel pipe specifications			Radius of bending	Number of pipe ben- ding die (Pi pe number)	Applicable steel pipe specifications			Radius of bending
	Outer diameter of pipe	Inner diameter of pipe	Tube thick- ness			Outer diameter of pipe	Inner diameter of pipe	Tube thick- ness			Outer diameter of pipe	Inner diameter of pipe	Tube thick- ness	
A15(5/8)	15.9	13.5	1.2	80	B16(½)	21.0	16.4	2.3	75	SGP15(½)	21.7	16.1	2.8	60
A19(¾)	19.1	15.8	1.6	100	B22(¾)	26.5	21.9	2.3	90	SGP20(¾)	27.2	21.6	2.8	80
A25(1)	25.4	22.2	1.6	137	B28(1)	33.2	28.3	2.5	130	SGP25(1)	34	27.6	3.2	100
A31(1¼)	31.8	28.6	1.6	200	B36(1¼)	41.9	36.9	2.5	195	SGP32(1¼)	42.7	35.7	3.5	130
A39(1½)	38.1	34.9	1.6	220	B42(1½)	47.8	42.8	2.5	230	SGP40(1½)	48.6	41.6	3.5	160
A51(2)	50.8	47.6	1.6	365	B54(2)	59.6	54.0	2.8	270	SGP50(2)	60.5	52.9	3.8	220
A63(2½)	63.5	59.5	2.0	420	B70(2½)	75.2	69.6	2.8	450	SGP65(2½)	76.3	67.9	4.2	320
A75(3)	76.2	72.2	2.0	530	B82(3)	87.9	82.3	2.8	500	SGP80(3)	89.1	80.7	4.2	425
					B92(3½)	100.7	93.7	3.5	500	SGP90(3½)	101.6	93.2	4.2	550
					B104(4)	113.4	106.4	3.5	680	SGP100(4)	114.3	105.3	4.5	600

Multifunctional busbar processing machine

OK-SERIES

Multifunctional busbar processing machine with cutting, punching, and bending of copper and aluminum busbar. It includes electro-hydraulic pump, hydraulic busbar cutting tool, punching tool,busbar and pipe bending tool and dies. With all these tools installed on a portable working bench, this multifunctional machine is widely praised for its efficiency, and convenience



- 1. Bending capacity from 1° to 120 °
- 2. With positioning scale for punching, cutting and bending
- 3. Open working platform enable work piece not oblique after bending
- 4. Punch holes with burr. Cutting surface smooth and cutting angle accurately. It is good for quick and repeat batch procession
- 5. Four-way valve control switch accurately guide to the position of punching, cutting and bending
- 6.Safe and frim pedal switch could control oil inlet and oil inlet and oil return

OK-301		OK-401		OK-501	
Function	Cutting, Punching, Horizontal Bending	Cutting, Punching, Horizontal Bending, Vertical Bending	Cutting, Punching, Horizontal Bending, Vertical Bending, Pipe Bending		
Input Power	220V 50Hz	220V 50Hz	220V 50Hz		
Rated Pressure	700bar	700bar	700bar		
Cutting Force	25t	25t	25t		
Punching Force	31t	31t	31t		
Bending Force	25t	25t	25t		
Cutting Capacity	Cu/Al: 150mm × 12mm	Cu/Al: 150mm × 12mm	Cu/Al: 150mm × 12mm		
Horizontal Bending Capacity	Cu/Al: 150mm × 12mm	Cu/Al: 125mm × 16mm	Cu/Al: 125mm × 16mm		
Vertical Bending Capacity	--	Cu/Al: 125mm × 12mm	Cu/Al: 125mm × 12mm		
Pipe Bending Capacity	--	--	3"		
Punching Capacity	4-13 mm	4-13 mm	4-13 mm		
Standard Punching Dies		Φ10.5, Φ13.5, Φ17.5, Φ20.5mm			
Standard Bending Dies	--	Horizontal bending die, Vertical bending die base, 8pcs vertical bending dies (40-80x4, 40-80x5 40-80x6, 40-80x8, 40-80x10, 100x10, 100-125x10, 120-125x12); 6pcs support blocks (4, 5, 6, 8, 10, 12)			
		Remark; OK-501 have extra pipe bending dies 7 pairs (½ ¾ 1 1½ 2 2½ 3)			
Work Bench Size	910mm×600mm×1000mm	910mm×660mm×1160mm	910mm×760mm×1160mm		
Weigh	115 kg	153 kg	160 kg		
Optional Accessories	Φ 8.5, 11.5, 15.5, 18.5mm punching dies (pipe bending dies 1-1/4" is optional)				

Multifunctional busbar processing machine

OK-401D

Multifunctional busbar processing machine with cutting, punching, and bending of copper and aluminum busbar. It includes electro-hydraulic pump, hydraulic busbar cutting tool, punching tool, busbar and pipe bending tool and dies. With all these tools installed on a portable working bench, this multifunctional machine is widely praised for its efficiency, and convenience.



- 1. Bending capacity from 1° to 120 °
- 2. With positioning scale for punching, cutting and bending
- 3. Open working platform enable work piece not oblique after bending
- 4. Punch holes with burr. Cutting surface smooth and cutting angle accurately. It is good for quick and repeat batch procession
- 5. Four-way valve control switch accurately guide to the position of punching, cutting and bending
- 6.Safe and frim pedal switch could control oil inlet and oil inlet and oil return

OK-401D	
Function	Cutting, Punching, Horizontal Bending, Vertical Bending
Input Power	220V 50Hz
Rated Pressure	700bar
Cutting Force	25t
Punching Force	100t
Bending Force	25t
Cutting Capacity	Cu/Al: 150mm × 12mm
Horizontal Bending Capacity	Cu/Al: 125mm × 16mm
Vertica lBending Capacity	Cu/Al: 125mm × 12mm
Single punching number	Single hole, two holes, four holes
Punching Capacity	Thickness 26mm, width 200mm or less
Distance of four holes	40mm-60mm
Standard Bending Dies	Horizontal bending die, Vertical bending die base, 8pcs vertical bending dies (40-80x4, 40-80x5 40-80x6, 40-80x8, 40-80x10, 100x10, 100-125x10, 120-125x12); 6pcs support blocks (4, 5, 6, 8, 10, 12)
Work Bench Size	1100mm × 800mm × 1200mm
Weight	240kg
Optional Accessories	Punching dies customized

Product Catalogue>>Hydrualic pump

Class 1 -- Hydraulic hand pump --

/37/	Hydraulic hand pump	1.6L
/37/	Hydraulic hand pump	1L
/37/	Hydraulic hand pump	0.72L
/37/	Hydraulic hand pump	7.5L
/37/	Al alloy hydraulic hand pump	1.5L
/37/	Hydraulic foot and hand pump	1L

Class 2 -- Hydraulic electric pump --

/38/	Hydraulic electric pump	5L
/38/	Hydraulic electric pump	2.4L
/38/	Double action hydraulic electric pump	5L

Class 3 -- Other --

/39/	Battery powered hydraulic pump	200mL
/39/	Pneumatic hydraulic pump	1.6L

Class 4 -- Gasoline engine pump --

/39/	Double action gasoline engine pump	10L
/39/	Remote control double action gasoline engine pump	10L

Hydraulic pump series

Less pollution • Low noise • Strong power

A small figure Big power

Electric
hydraulic pump

Solenoid valve control

Pressure maintaing

Light weight

Easy to carry



Double hydraulic gasoline engine pump

High and low two speed automatic switch
Design of pressure protection system

10_L

Large amount of storage

70_{Mpa}

Rated working pressure

Hydraulic hand pump HP-70

1. Made of aluminum–titanium alloy, light weight, high strength, corrosion resistance, impact resistance, suitable for various harsh environments
2. Two–speed action, built–in precision high and low pressure free switching valve, provide larger flow at low pressure, save operation time and improve work efficiency



Hydraulic hand pump HP-700

1. Two–speed action, built–in precision high and low pressure free switching valve, provide larger flow at low pressure, save operation time and improve work efficiency
2. IThe pressure can be adjusted and set according to the needs, with built–in high and low pressure safety valve, with high safety performance
3. When working, screw the filler cap to the "venting" position, screw to the "locked" position after work
- 4.The pump body is composed of high–strength and light–weight metal and reinforced engineering plastics, with light weight and high strength



Hydraulic hand pump HP-700A

1. Two stage of high and low speed for quick oil output
2. Internal safety valve makes auto–relief when reaches set value
3. Vacuum oil receptacle can work at any angle
- 4.Longer handle makes labor saving and quick oil output
- 5.The sturdy metal structure increases the strength and durability, and will not burn when used in a welding environment



Hydraulic hand pump HP-700D

1. Built–in high and low pressure safety valve to prevent overload operation
2. Two–speed design, reducing the number of pumping, improving work efficiency
3. The overflow valve in the check valve prevents load from falling freely.
4. Suitable for large tonnage hydraulic cylinders and other hydraulic equipment
5. All–metal structure, suitable for use in various harsh environments



Hydraulic foot and hand pump FHP-700

1. Two stage of high and low speed for quick oil output
2. Internal safety valve, auto pressure relief when reaches rated pressure
3. Retract oil in need by the handle
4. Made of Al alloy, light weight and high strength



	HP-70	HP-700	HP-700A	HP-700D	FHP-700
Reservoir Capacity	1.6L	1L	0.72L	7.5L	1L
Rated Pressure	700bar	700bar	700bar	700bar	700bar
Oil Delivery at High Pressure	2.5cc/stroke	2.5cc/stroke	2.26cc/stroke	5.75cc/stroke	2.26cc/stroke
Oil Delivery at Low Pressure	32cc/stroke	11.5cc/stroke	12.26cc/stroke	125cc/stroke	12.26cc/stroke
Weight	6.3kg	5kg	9.6kg	30kg	8.6kg
Packing	Carton case	Carton case	Carton case	Carton case	Carton case
Standard Accessories	2m hydraulic hose	2m hydraulic hose	2m hydraulic hose	2m hydraulic hose	2m hydraulic hose
Dimensions	64*12*18cm	61*13*17cm	66*13*18cm	–	58*18*21cm

Hydraulic electric pump

Electromagnetic valve control the hydraulic pump

REP-1

2m wired remote control:

Controlled oil output and oil return

Controllable inching output:

The oil output, stop, oil return and other actions can be controlled at any time to ensure the correct working position

Visual hydraulic oil window:

Pressure can be retained in case of need (pressure maintaining)

Visable oil window shows the hydraulic oil level



Double action hydraulic electric pump

REP-2D

3m wired remote control:

Oil output and return are controllable

Equipped with pressure gauge:

Equipped with a pressure gauge, required pressure can be read clearly

Visable hydraulic oil window:

Can see whether the hydraulic oil in the normal range, protect the normal use of the hydraulic pump

High and low pressure dual-speed automatic switching:

Can easily drive 60T, 100T, 200T single action or double action tools

*Hydraulic hose sold separately



REP-2

2m wired remote control:

2–meter remote control cable provides safety and convenience

Controllable inching output:

The oil output, stop, oil return and other actions can be controlled at any time to ensure the correct working position

Visual hydraulic oil window:

Pressure can be retained in case of need (pressure maintaining)

Oil window shows the hydraulic oil level



	REP-1	REP-2	REP-2D
Reservoir Capacity	5L	2.4L	5L
Rated Pressure	700bar	700bar	700bar
Voltage power	AC220V/750W	AC220V/340W	AC220V/370W
Oil Delivery at High Pressure	0.7L/min	0.32L/min	0.3L/min
Oil Delivery at Low Pressure	6L/min	2.6L/min	4L/min
Weight	25kg	16kg	25kg
Standard Accessories	2m hydraulic hose	2m hydraulic hose	Carton/Wooden case
Dimensions	46*26*46cm	23*17*37cm	38*22*48cm

Easy-operation Design of portable Need less oil, easy to work at height

Battery powered hydraulic pump

ECT-700



Two stage hydraulic:
Two stage hydraulic, automatic pressure-release

LCD:
External LCD screen, easy to read the number of times used

LED:
With LED light for dark place

Lithium battery:
High-capacity 18V Li-ion battery with power indicator, with fast charger

PP plastic:
The shell and case are made of environmentally friendly engineering PP plastic, which is molding in one, strong and fall-resistant

- 1. It can be equipped with split nut crusher and press joint pliers, cutter and other single – acting tools
- 2. Pressure gauge is equipped for easy observation of operation



ECT-700	
Reservoir Capacity	200mL
Rated Pressure	700bar
Voltage power	DC18V
Weight	4kg
Standard	0.6m hydraulic
Accessories	hose
Dimensions	38*7*29cm
Packing	Platic Case
Packing Size	59*51*14cm

Double action gasoline engine pump

HPG-700



Large oil capacity, suitable for large capacity crimping tools and longtime operation without engine overheating

High and low double-speed automatic switch, well fit for single and double action tools such as 60t, 100t, 200t and 300t

Retract pressure protection system & overflow protection valve, safe and reliable

Low noise, environment friendly

Equipped with pressure gauge for pressure reading

	HPG-700	HPG-700MX
Reservoir Capacity	10L	10L
Rated Output Pressure	700bar	700bar
Oil Delivery at High (Low)Pressure	1.2(7.5)L/min	1.2(7.5)L/min
Engine Speed	3600rpm	3600rpm
Size	650x370x500mm	650x370x500mm
Weight	50kg (Oil not included)	52kg(Oil not included))
Packing	Carton/ Wooden case	Carton/ Wooden case

Pneumatic hydraulic pump

PG-2



- 1. Excellent pressure holding performance
- 2. Suitable for non-sparking work environment
- 4. Built-in silencer significantly reduces noise and reduces personnel fatigue
- 5. Air and oil filters reduce pollutant damage to the pump
- 6. Aluminum alloy body and outer casing, durable and light
- 7. Built-in relief valve prevents overload operation
- 8. Unique needle valve guides pressure relief

PG-2	
Reservoir Capacity	1.6L
Output Pressure	700bar
Oil Delivery at	0.12(0.8)L/min
High(Low) Pressure	
Weight	8.6kg
Packing	Carton

Remote control double action gasoline engine pump

HPG-700MX



Product Catalogue>>Angle Steel

Class 1		-- Nut breaker --	
/41/	Battery powered nut splitter	10t	M8-M24
/41/	Battery powered nut splitte	10t	M8-M24
/41/	Hydraulic nut splitter	12t	M8-M24
/41/	Mechanical nut splitter	/	4-17mm
/41/	Mechanical nut splitter	/	8-24mm
/41/	Mechanical nut splitter	/	19-36mm

Class 2		-- Hydraulic nut splitter --	
/42/	Hydraulic nut splitter	M6-M12	10-19mm
/42/	Hydraulic nut splitter	M12-M16	19-24mm
/42/	Hydraulic nut splitter	M16-M22	24-32mm
/42/	Hydraulic nut splitter	M22-M27	32-41mm
/42/	Hydraulic nut splitter	M27-M33	41-50mm

Class 3		-- Hydraulic angle steel cutting tool --	
/42/	Hydraulic angle steel cutting tool	23t	75*75*8mm
/42/	Hydraulic angle steel cutting tool	45t	110*110*10mm

Tilting the head to break most of the dense nuts

Hexagon holder and C type holder can be used under different working conditions

Just need to change the blade, convenient use

Battery powered nut splitter

Hand nut splitter

Hydraulic nut splitter

ECT-MM36

Two stage hydraulic: Two stage hydraulic, automatic pressure-release

LCD: LCD screen, display Display the number of times used

LED: With LED light for dark place

Lithium battery: High-capacity 18V Li-ion battery with power indicator with fast charger

PP Plastic case: PP plastic, molding in one, strong and fall-resistant



- 1. The operatin time for one nut crushing is about 10 seconds
- 2. It is suitable for working at the height of poles and towers



Remarks:

1.The nut material is ordinary nut

2.Cannot be used for stainless steel nuts

3.Please do not break the spring washer when cutting, so as not to damage the cutter head

4.The largest breakable nut grade is 8.8

	ECT-MM36	HC-MM36	HSC-MM36
utting Force	10t	10t	12t
Destruction ability	Long blade: M8-M14 nut, Medium blade: M14-M20 nut, Short blade: M18-M24 nut		
Standard dies	1pc of each	1pc of each	1pc of each
	Medium and short blade, 1pc blade holder	Medium and short blade, 1pc blade holder	Medium and short blade, 1pc blade holder
Weight	6kg	5.3kg	4kg
Packing	Plastic Case	Plastic Case	Canvas bag
Dimensions	45*7*26cm	46*17*8cm	25*8*8cm

Mechanical nut splitter

KSC417 KSC824 KSC1936

- 1. Easy to operate, use with a wrench
- 2. Small size design, can be used in narrow spaces

Remarks: Optional ratchet wrench to increase breaking speed



	KSC417	KSC824	KSC1936
Hex nut range	4 – 17mm	8 – 24mm	19 – 36mm
Weight	240g	260g	530g
Wrench size	17	24	27
Dimensions	11*3.5*2cm	12.5*4.5*3cm	15*6.5*3cm

Hydraulic nut splitter

Small size, easy use

With quick coupler for easy removal

HSC series

- 1. A screw cutter is an effective tool when screws are rusty
- 2. Unique angled head allows direct contact with targets
- 3. One – way spring return oil cylinder
- 4. Uses include: service trucks, pipeline industry, gasification engineering, steel engineering and mining, etc
- 5. All types of splitters have a reinforced one-piece tool holder connected to a heavy-duty oil cylinder
- 6. Simply cut from one side of the nut then rotate the tool 1/2 circle, cut the other side, and the nut split into two halves, easily take it out.

Remarks:

1.The nut material is ordinary nut

2.Cannot be used for stainless steel nuts

3.Please do not break the spring washer when cutting, so as not to damage the cutter head

4.The maximum crushable nut grade is 8.8

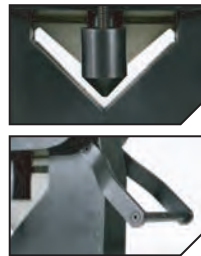
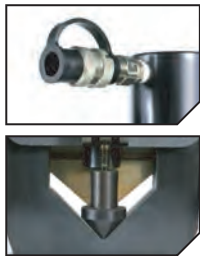


	HSC-1319	HSC-1924	HSC-2342	HSC-3241	HSC-3241A double blades	HSC-4150
Nut range	M6-M12	M12-M16	M16-M22	M22-M27	M22-M27	M27-M33
Hex nut range	10-19mm	19-24mm	24-32mm	32-41mm	32-41mm	41-50mm
Output force	5t	9t	9t	15t	15t	25t
Weight	1.7kg	1.7kg	2.5kg	3.4kg	3.8kg	4.5kg
Dimensions	24*5*5cm	26*5*8cm	28*6*8cm	32*9*8cm	32*8*8cm	35*9*9cm

Hydraulic angle steel cutting tool

SAC-75

- 1. Professionally cut off the angle steel of power transmission and distribution high-voltage towers and bridges
- 2. Fast cut with smooth cutting surface; without noise
- It also solves the problem of spark caused by other cutting methods
- 3. Easy to take to outdoor job site, Equipped with quick coupler for easy disassembly
- 4. Connecting single-action hydraulic pump



	SAC-75	SAC-110
Cutting Force	23t	45t
Rated Pressure	700bar	700bar
Cutting Capacity	75x75x8mm	110x110x10mm
Weight	19kg	41kg
Packing	Steel case	Steel case
Dimensions	22*17*30cm	32*20*34cm

Product Catalogue>>Cable laying

Class 1

/45/	Cable straightening tool	5t	max. ϕ 130mm
/45/	Cable straightening tool	5t	max. ϕ 160mm
/45/	Fiber glass duct rodder	/	100-200m
/45/	Wire straightening tool	20t	max.16x200mm
/46/	Engine powered winch	15/30kN	/
/46/	Engine powered winch	25/50kN	/
/46/	Cable feeder	5	ϕ 30mm- ϕ 180mm
/47/	Aluminum conductor cutter for ACSR	/	LGJ120-400
/47/	Aluminum conductor cutter for ACSR	/	LGJ1250、LGJ1440
/47/	Electric cable polisher	/	/
/47/	Battery armored jacket stripping tool	/	/

Class 2

-- Cable preparation tool --

/48/	Strippable semi-con stripper	10kV
/48/	Strippable semi-con stripper	10kV
/48/	Non-Strippable Semi-con Stripper	35kV
/48/	Main insulation stripper	10kV 20kV 35kV
/48/	Cable jacket stripper	3-core cable
/48/	Series bellows stripping tool	110kV 220kV
/49/	Insulation chamfer tool	10kV
/49/	Insulation chamfer tool	35kV
/49/	Insulation chamfer tool	Below 35 kV
/49/	Cable end sharpener set tool	10kV
/50/	Main insulation and outer semi-con stripping tool	110kV
/50/	Main insulation and outer semi-con stripping tool	220kV
/50/	High voltage cable stripper	110-220kV
/50/	Overhead insulation cable stripper	10kV
/50/	Cable preparation set	10-35kV

Class 3

-- Wire grip/Ratchet puller/Chain lever hoist serial --

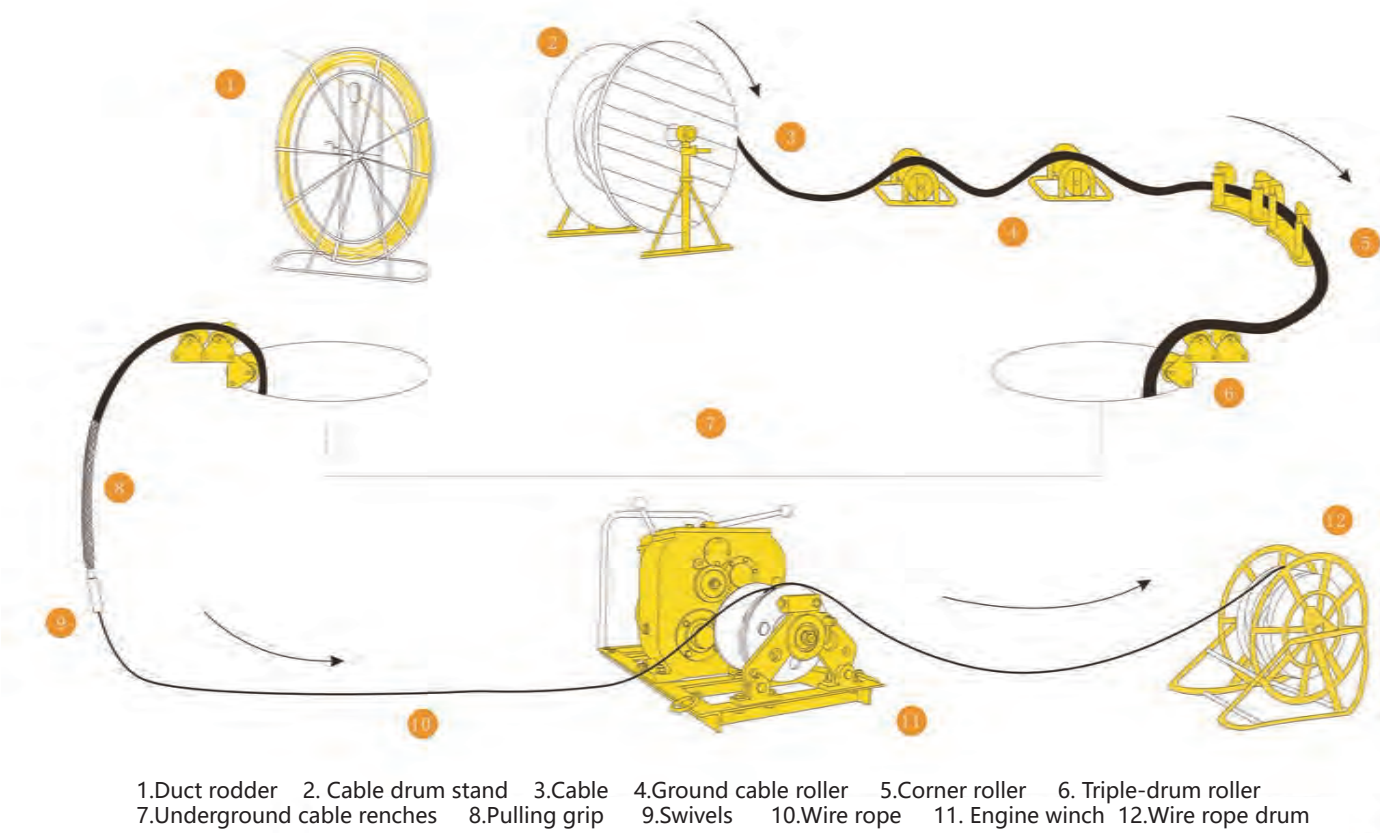
/51/	Power cable wire grip	2t/3t
/51/	Power cable wire grip	2t/3t
/51/	Ratchet puller	1t/1.5t/2t
/51/	Aluminum alloy wire grip	10kN-30kN
/51/	Aluminum alloy wire grip	7kN-80kN
/52/	Aluminum alloy chain lever hoist	7.5kN-90kN

Class 4

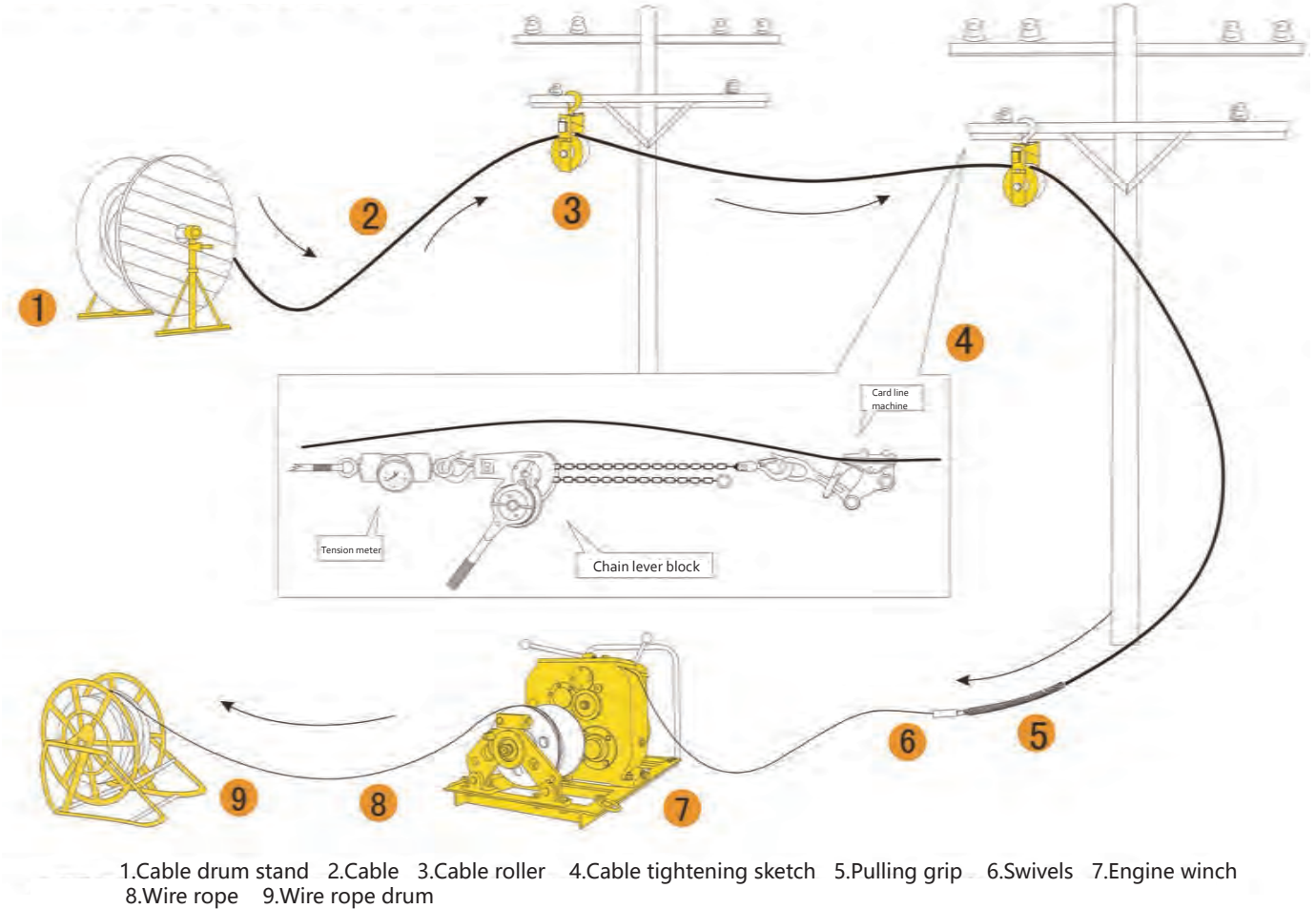
-- Cable roller/Cable drum stand --

/53/	Large diameter cable roller	/
/58/	Adjustable hydraulic cable drum stand	30kN/50kN/200kN
/58/	Mechanical cable drum stand	50kN/100kN
/58/	Horizontal type hydraulic cable drum stand	30kN
/58/	Adjustable cable drum stand	20kN

Economical Cable Laying Sketch



10kV Overhead Cable Laying Sketch



Cable straightening tool

- 1. Preferred tool for straightening cables during cable laying and installation
- 2. With the features of labor-saving, quick and convenient, suitable for large section cable laying and cable installation.
- 3. Quick connecting coupler, easy to disassembly

CS-130B For straightening cable below 110kV



	CS-130B	CS-160B
Output force	50kN	50kN
Cable diameter	≤ Φ 130mm	≤ Φ 160mm
Min. bending curvature	500mm	--
Weight	14kg	30kg
Packing	Steel case	Steel case
Size	95*22*21cm	110*40*32cm

CS-160B

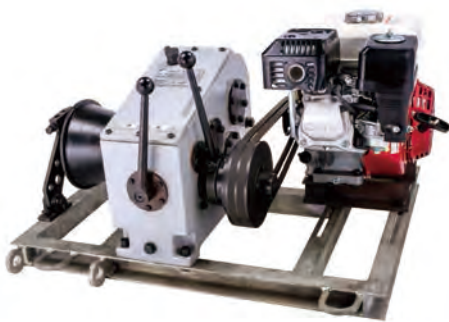
For straightening cable over 35kV



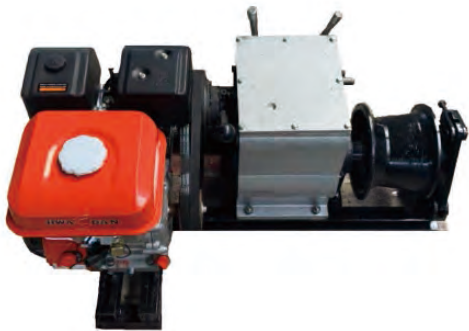
3T/5T Engine powered winch

- 1. Suitable for towing and hoisting machinery equipment, set up poles and towers, draw wires and lay cables for power posts and telecommunications lines in field construction
- 2. Use Japanese Yamaha or Honda engine, strong and durable
- 3. Light weight, big traction, especially suitable for complex construction area where large vehicles cannot enter.

BTJM-3



BTJM-5



		BTJM-3	BTJM-5
Pull Force	high gear	15kN	25kN
	low gear	30kN	50kN
Speed	CW high gear	12m/min	12m/min
	CW low gear	5m/min	6m/min
	CCW	4m/min	8/3.5m/min
Weight		80kg	140kg

Cable feeder

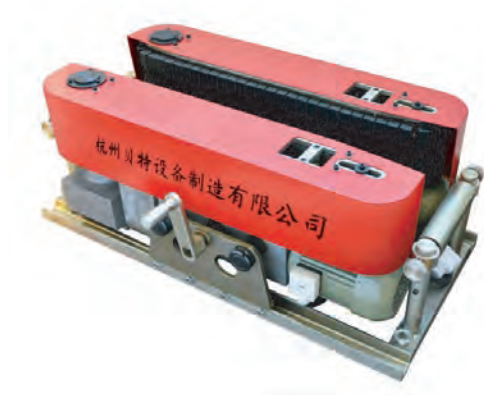
Big Power

Double vertical shaft drive

Easy-operation

- 1. Suitable for large-scale urban power grid reconstruction, large section, long distance cable laying, reduce labor intensity and improve construction quality
- 2. Big power, small size, light weight, and easy to operate. Low height, can be used at different condition
- 3. Double vertical shaft drive makes transmission force and gravity respectively upon two direction of the cable helps protect the insulation layer of cable
- 4. When multiple sets of conveyors are used at the same time, electrical control system (general control box and sub-control box) can be provided according to customer requirements

DS-180



DS-180A



	DS-180	DS-180A
Feeding Range	Φ 30-Φ 180mm	Φ 30-Φ 180mm
Speed	7m/min	6m/min
Rated Force	5kN	5kN
Power	0.75kW*2	0.75kW*2
Overall Dimension	94*36*48mm	102*59*43cm
Weight	180kg	200kg

Electric cable polisher

CPEM-9031C

- 1. Imported main engine, apply to polish main insulation layer of HV cable, the design of the supporting arm can be most suitable for the shape of the cable arc grinding

	CPEM-9031C
Grinding Strap Size	30x533mm
Grinding Speed	200-1000m/min
Motor power	200V/ AC 550W
Length	380mm
Weight	2.1kg
Accessories	2 sets of grinding strap AA40, 60, 80, 100, 120



Cable jacket stripper

CST622

- 1. Application: Strip jacket of 3-core cable
- 2. Applicable cable Dia.: ≥25mm
- 3. Cutting thickNess: 5mm



Strippable semi-con stripper

CST640

- 1. Application: To strip 10kV strippable semi-conductor
- 2. Adjustable cutting depth, max. 2mm, adjustable range of rotary kNob is 0-0.9mm, each adjustable depth is 0.1mm
- 1. The blade can adjust its depth in advance at any time
- 2. Applicable cable Dia.: 16 - 41 mm
- 3. Minimum hardness of blade: 52 HRC
- 4. Replaceable blade



Aluminum conductor cutter for ACSR

- 1. Smooth cutting surface, no damage to steel wire. Make the wire insert into aluminum sleeve easier
- 2. Equipped with wire holder, easy to use

ACSR-87

- 1. Used to cut aluminum conductor of ACSR bleow 800mm²



ACSR-1250

- 2. Used to cut aluminum conductor of ACSR 1140 to 1250mm²

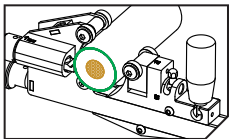


ACSR-87		ACSR-1250
Standard accessories	ACSR120-400 holder dies: 6 sets	ACSR1250 and ACSR1440 holder dies: 2 sets
	Other size sold separately	Other size sold separately
Weight	About 1.5 kg	About 2.5kg
Packing	Plastic case	Plastic case
Packing Size	41*32*9cm	41*32*9cm

Non-Strippable Semi-con Stripper

CST235

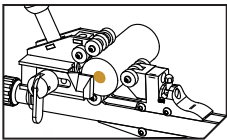
- 1. Applied to 35kV non-strippable semi-conductor
- 2. With Chamfer on blade, leaving chamfer on semi-conductor
- 3. One-way stripping
- 4. Replaceable blade
- 5. Stripping depth: 0-1.5mm
- 6. Can be fixed tightly on cable
- 7. Weight: 0.6kg



Main insulation stripper

CST531

- 1. Applied to strip main insulation of 10kV, 20kV, 35kV
- 2. Slice & rotary cutting function, blade angle adjustable
- 3. Replaceable blade
- 4. Stripping depth: 0-15mm adjustable
- 5. Stripping Dia.: Max. rotary dia. 220mm
- 6. Weight: 0.7kg



10kV Main insulation stripper

CST20/40A

- 1. Economical cable stripper and cost-effective
- 2. Stripping range: 20-40mm
- 3. Stripping depth: 0-10mm



Semi-ion stripper

CST20/40B

- 1. Economical cable stripper, high cost performance
- 2.Stripping range: 20-40mm
- 3.Stripping depth: 0-3mm



35kV Main insulation stripper

CST15/65A

- 1. Economical cable stripper and cost-effective
- 2. Applied to strip 35kV main insulation layer
- 3. Stripping range: 32- 65 mm
- 4. Stripping depth: 0 - 15 mm



Semi-con stripper

CST15/65B

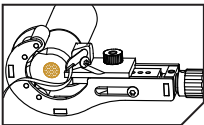
- 1. Economical cable stripper, high cost performance
- 2. Suitable for 35kV cable semi-conductor
- 3. Stripping range: 32- 65 mm
- 4. Stripping depth: 0-3 mm



10kV Insulation chamfer tool

CST310

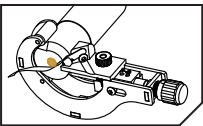
- 1. Compact and light weight, high efficiency
- 2. Applied to XLPE dia. 18-32 insulation layer
- 3. Chamfer size: 3*45°
- 4. Weight: 0.2kg



35kV Insulation chamfer tool

CST335

- 1. Strong structure, high efficiency
- 2. Applied to XLPE dia. 32-54 insulation layer
- 3. Chamfer size: 3*45°
- 4. Weight: 0.2kg



10kV Cable sharpening set

CST320

- 1. Aiming at the construction technology of thermal shrinkable head, the newly designed cable taper can fully meet the requirement of 10kV power cable, for power cable diameter from 18 mm to 32 mm
- 2. Sizes: 50, 70, 95, 120, 150, 185, 240, 300mm²
- 3. Each sharpening head is for a certain cable size. Including 8 sizes from 50mm² to 300mm² of 10kV



Wire stripping plier

CST300

- 1. The rotary type wire stripper is mainly used for quick stripping of the terminal and middle part of insulated wires and cables
- 2. Easy to operate, intuitive and convenient, quick stripping without damaging the core, easy to carry
- 3. The blade is made of alloy steel, sharp and durableAfter heat treatment, can be disassembled, replaced and maintained
- 4. Stripping 35–300mm² cable insulation, cutting thickNess can be adjusted as required
- 5. The blade shall not touch the metal layer of the cable



110kV Main insulation and outer semi-con stripping tool

CST35/90

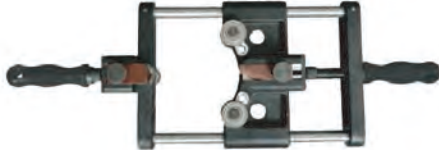
- 1. Excellent tool for the prepare 110kV cable outer semi-conductor, main insulation layer. Perfect result
- 2. Applicable cable diameter: 35 – 90mm
- 3. Strip 110kV cable main insulation and outer semi-conductor



220kV Main insulation and outer semi-con stripping tool

CST90/150

- 1. Excellent tool for the prepare 220kV cable outer semi-conductor, main insulation layer. Perfect result
- 2. Applicable cable diameter: 90 – 150 mm
- 3. Strip 220kV cable main insulation and outer semi-conductor.



High voltage cable stripper

CST126

- 1. Applied for 110–220kV cable jacket, main insulation and outer semi-con
- 2. Stripping dia. 60–128mm
- 3. Assembled with 8 bearings, width can be adjusted according to cable diameter, smooth stripping. The blade is freely adjustable according to the thickNess of the cable sheath
- 4. Weight: 3.7kg



10–35kV Cable preparation set

FL–135

- 1. Portable toolbox
- 2. Jacket Stripper, suitable for cable diameter: ≥25 mm, cutting thickNess: 5mm
- 3. Strippable Semi-Con Stripper, suitable for cable diameter: 16–41 mm
- 4. Flat Nose Pliers for Strippable Semi-Con
- 5. Non-Strippable Semi-Con Stripper, suitable for cable diameter: ≤220 mm, cutting depth: 0–1.5mm
- 6. Main Insulation Stripper, suitable for cable diameter: ≤220 mm
- 7. Insulation Chamfer Tool, rotation size: max. 200mm
- 8. Hook Type Electric kNife, material: steel 420, total length: 195mm, blade length: 60mm
- 9. High Class Anti-Cutting Gloves



10kV Economical cable preparation set

FL–210

- 1. Portable tool bag
- 2. Semi-Con Stripper
Cable diameter: 32–65 mm Stripping range: 0 – 3 mm
- 3. Main Insulation Layer Stripper
Cable diameter: 32–65 mm Stripping range: 0 – 10 mm
- 4. Auxiliary wrench, one piece
- 5. Roller accessories, six pieces
- 6. Spare blade: two pieces



35kV Economical cable preparation set

FL–235

- 1. Portable tool bag
- 2. Semi-Con Stripper
Cable diameter: 15–65 mm Stripping range: 0 – 3mm
- 3. Main Insulation Layer Stripper
Cable diameter: 15–65 mm Stripping range: 0 – 15mm
- 4. Spare blade: two pieces



Insulated Conductor Stripping kNife

Apply to stripping the insulating layer of insulated conductor



Model	Insulated Conductor Diameter(mm)	Insulating Layer(mm)	Weight(kg)	Remark
JJ-40	φ 14~32	≤4.5	0.83	Ending or Middle Stripping

High-Voltage Cable Stripping kNife

Apply to stripping the insulating layer of high-voltage cable



Model	Insulated Conductor Diameter(mm)	Insulating Layer(mm)	Weight(kg)	Remark
JG-10	φ 15~30	≤10	0.83	Ending Stripping
JG-12	φ 30~50	≤12	1.05	Ending Stripping

Overhead insulation cable stripper

NP-400

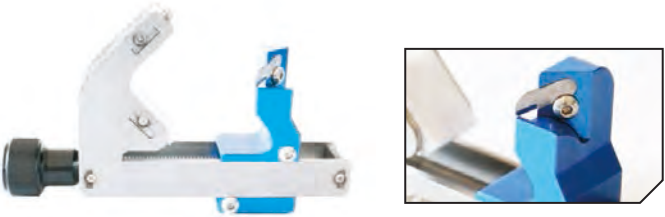


Cable Insulation cable diameter	Stripping thickNess	Weight
10 – 32mm	1.5 –3mm	0.64 kg

35kV Insulation chamfer tool

CST240

1. Max. size of rotation: 200 mm
2. Applied to XLPE cable diameter Φ 15 – 60mm insulation chamfer under 35kV
3. Chamfer size: 3*45°
4. Weight: 0.39kg



PG series bellows stripping tool

PG-110/220

1. Imported models, with rollers on both ends to make sure the crescent kNife does not turn on the bellows
2. Applied to strip 110kV and 220kV high-voltage cable outer bellows copper/aluminum sheath
3. Stripping dia: 50~110mm/110~160mm



Rotary Cable Stripper

SBX-30

1. Stripping range: Stripping the insulation layer of cable from 35~300mm²
2. Size: 24cm
3. Weight: 0.5kg



Ring Type Stripper

SH-50

1. Stripping range: Stripping the insulation layer of conductor and cable from φ 15~50mm
2. Size: 230*220*90mm
3. Weight: 1.8kg



Power cable wire grip

2TON/3TON

1. Forged by high strength alloy steel
2. Wide clamp range, light weight, non-skid and durable
3. Suitable for insulated cable of overhead power line, ACSR, and bare aluminum wire

2TON

3TON



2TON-G

3TON-G



	2TON	3TON	2TON-G	3TON-G
Applicable range	Φ4-22mm(16-185mm2)	Φ16-32mm(150-400mm2)	Φ5-18mm	Φ8-24mm
Rated load	2t	3t	2t	3t
Weight	1.5kg	2.6kg	1.6kg	3.0kg

Aluminum alloy insulated wire grip

1. Applied to clamp insulated cable, adjusting sag in erecting wire and sagging
2. Forged of high strength aluminum alloy, compact and light weight



Model	Rated load	Applicable conductor dia.	Max. opening	Weight
SKJL-1	10kN	Φ10-Φ14	15mm	1.4kg
SKJL-1.5	15kN	Φ14-Φ20	22mm	3.0kg
SKJL-2	20kN	Φ20-Φ25	27mm	4.0kg
SKJL-2.5	25kN	Φ25-Φ32	34mm	4.0kg
SKJL-3	30kN	Φ32-Φ37	39mm	4.0kg

Aluminum alloy wire grip

1. Applied to adjusting sag in erecting wire and sagging
2. Forged of high strength aluminum alloy, compact and light weight
3. Model number with “G” stands for clamp with protection hook device
4. Clamp with protection hook devices, strength test up to 3 times and no damage to conductor, especially suitable for power distribution and transmission companies



Model	Rated load	Applicable conductor	Max. opening	Weight
SKL-7	7kN	LGJ25-70	14mm	1kg
SKL-15	15kN	LGJ95-120	18mm	1.4kg
SKL-25	25kN	LGJ150-240	24mm	3kg
SKL-40	40kN	LGJ300-400	32mm	4kg
SKL-50	50kN	LGJ500-630	36mm	6.6kg
SKL-40G	40kN	LGJ400	32mm	4.3kg
SKL-50G	50kN	LGJ500	34mm	7kg
SKL-50GA	50kN	LGJ630	36mm	7.3kg
SKL-60G	60kN	LGJ720	38mm	9.2kg
SKL-70G	70kN	LGJ800	42mm	14kg
SKL-80G	80kN	LGJ1000	45mm	18kg
SKL-80GA	80kN	LGJ1200	48mm	18kg

Wire grip for underground cable

2TON-G/3TON-G

1. Forged by high strength alloy steel
2. Wide clamp range, light weight, non-skid and durable
3. Suitable for overhead power cable, steel strands, and wire rope

High Strength Optical Cable Grip For OPGW Overhead Line Construction

1. Apply to adjusting and tension on OPGW construction.
2. The main body is made of aluminum alloy and it can protect the OPGW effectively
3. OPGW diameter is need to indicated when customer place order item no.0133.



Item No. 0131



Item No. 0132



Item No. 0133

Model	Rated Load (kN)	Cable Diameter (mm)	Max. Open (mm)	Weight (kg)
SKLG-25	25	φ8~20	19	4.35
SKLG-30	30	φ11~15 / φ16~18	26 / 30	5.40
SKLG-60	60	φ16~24	35	7.20

High Strength Steel Alloy Grounding Wire Grip For Overhead Line Construction

Apply to wire pulling adjustment and ground wire stringing on the guyed tower



Model	Rated Load (kN)	Applicable Steel Stranded Wire(mm²)	Applicable Steel Stranded Wire Diameter(mm)	Weight (kg)
SKDD-20	20	25~120	φ3~14	1.25

Dual Hinge Grounding Wire Grip

Apply to wire pulling adjustment and ground wire tightening



Model	Rated Load (kN)	Applicable Steel Stranded Wire(mm²)	Max. Open (mm)	Weight (kg)
SKST-10	10	25~50	11	2.6
SKST-20	20	50~70	13	3.1
SKST-30	30	70~120	15	4.1

Ground Wire Clamp

Apply to wire pulling adjustment and ground wire stringing on the guyed tower



Model	Rated Load (kN)	Applicable Conductor (mm)	Max. Open (mm)	Weight (kg)
SKDA-30	30	φ 11~14 / φ 15~18	23	7.1
SKDA-60	60	φ 16~24	30	9.6
SKDB-30	30	φ 11~14 / φ 15~18	22	7.7
SKDB-70	70	φ 16~22	26	14.2

Wire Grip For Anti-Twisting Steel Wire Rope

1. Apply to prepare anti-twisting steel wire rope
2. Single “V” type grip finger with symmetrical loading
3. Anti-twisting wire rope specification is need indicated when customer place order



Model	Rated Load (kN)	Applicable Section (□ –Steel Strand–mm)	Weight (kg)
Skg-40N	40	□ 7~9	6.4
Skg-50N	50	□ 11~15	8.7
Skg-70N	70	□ 16~18	9.0
Skg-120N	120	□ 19~21	14.7
Skg-120NG	120	□ 22~24	15.9
Skg-200N	200	□ 26~28	25.5
Skg-200NG	200	□ 30	25.5

Aluminum Alloy Wire Grip For Al-Clad Steel Stranded Wire

1. Apply to Al-clad stranded wire construction
2. Products is forged of high strength aluminum alloy with heat treated strengthening



Model	Rated Load (kN)	Applicable Al-Clad Steel Stranded Wire Scetion(mm)	Max. Open (mm)	Weight (kg)
SKLBGJ-30A	30	50~70	22	5.4
SKLBGJ-30B	30	80~120	22	5.4
SKLBGJ-30C	30	125~150	22	6.5
SKLBGJ-60A	60	125~150	28	7.2
SKLBGJ-60B	60	150~240	28	7.2

Multiple Segments Wire Grip For Large Cross Overhead Line Construction (High Strength Aluminum Alloy)

1. Apply to large cross conductor wire under high tension and long span construction situation
2. Wire diameter is need indicated when customer place order
3. Customization for client's special requirement of the rated load realized by different number of segments



Model	Rated Load (kN)	Applicable Conductor Diameter (mm)	Tightening Torque (mm)	Weight (kg)
SKDP-120	120	30~35	150	26

Skg Series Round Steel Wire Rope Clamp

1. Apply to round strand wire rope
2. Compression nuts must tighten again in order to reach the torque specification
3. Steel rope diameter is need indicated when customer place order



Model	Rated Load (kN)	Applicable Steel Wire Rope Section(mm)	Weight (kg)
SKG-40	40	φ 13~15.5	5.6
SKG-70	70	φ 16~18	18
SKG-100	100	φ 19~22	20



Aluminum alloy chain lever hoist

- 1. Suitable for tightening line, adjusting sag, drawing line and other work in line construction
- 2. Widely used in power, shipping, transportation, construction, cores, posts and telecommunications, telecommunications and other departments of installation equipment
- 3. Lifting small items, part drawing, etc., especially in small workplaces, wild, aerial work and different angles traction, etc., it has the unique superiority
- 4. Main body uses high strength magnesium alloy
- 5. The chain is made of high strength steel, convenient, safe and reliable; Reasonable structure, beautiful appearance, simple maintenance and durable
- 6. The hand force is small, high work efficiency
- 7. Small size, light weight, easy to carry



	P-750	P-150	P-3000	P-6000	P-9000
Working Capacity(kN)	7.5	15	30	60	90
Test load (kN)	9.4	19	38	75	112.5
Chain Diameter(mm)	5	5	5	5	6
Contraction Distance(mm)	300	350	350	650	820
Stretch Distance(mm)	1800	1850	1850	2150	2320
Standard Lift(mm)	1500	1500	1500	1500	1500
Handle Length (mm)	230	230	430	730	730
Net Weight(kg)	4.5	5.5	8	18	24
Kg/m(Extra height)	0.55	1.1	1.7	2.8	3.2
Packing	Carton	Carton	Carton	Carton	Carton

Ratchet puller

- 1. Forged by high strength alloy steel
- 2. Small in size and light in weight
- 3. Widely used in electric power, railway, oil and other industries



	1000	1500	2000
Max. Traction Force	1t	1.5t	2t
Min. working length	410mm	450mm	460mm
Max. working length	1210mm	1220mm	1870mm
Handle length	330mm	430mm	430mm
Weight	3.1kg	4.1kg	4.3kg

Aluminum Alloy Dual-Hook Turnbuckle

- 1. Apply to tightening steel wire rope and steel stranded wire
- 2. Ring-hook can be customized



Model	Rated Load (kN)	Max. Center Distance (mm)	Adjustable Distance(mm)	Weight (kg)
SXSL-10	10	798	290	2.0
SXSL-20	20	936	350	2.5
SXSL-30	30	1296	530	4.5
SXSL-50	50	1500	630	6.0

Steel Dual-Hook Turnbuckle

- Apply to tightening conductor, steel wire rope or steel stranded wire on installing stay wire and replacing insulator string



Model	Rated Load (kN)	Max. Center Distance (mm)	Adjustable Distance(mm)	Weight (kg)
SXSG-5	10	800	250	2.5
SXSG-10	20	860	300	3.5
SXSG-20	30	1050	340	4.0
SXSG-30	50	1350	470	6.0
SXSG-50	50	1440	510	8.0
SXSG-80	80	1670	560	8.5
SXSG-100	100	1740	600	10.0

Telescope-Feed Dual-Hook Turnbuckle

- 1. Apply to tightening steel wire rope and steel stranded wire
- 2. Sort product size with long adjustable distance



Model	Rated Load (kN)	Max. Center Distance (mm)	Adjustable Distance(mm)	Weight (kg)
SXTS-10	10	658	290	3.0
SXTS-20	20	865	370	3.2
SXTS-30	30	970	430	4.5
SXTS-50	50	1127	520	7.2

Insulated triangle telescopic hot stick

Unique design: Triangle pole. Each section can be quickly extended–retracted and fixed. No need to rotate the section to fix.

High visibility: The outer layer of the top rod section is fluorescent, which is convenient for night operation and identification. The top rod is filled with fire–proof and moisture–proof insulating foam to prevent the accumulation of water vapor.

Easy operation: With a locking button, easy to operate even if wearing insulated gloves.

Easy maintenance: Smooth surface section, easy daily cleaning.

Multifunctional: High strength aluminum alloy multi head, firmly connect with different tools.

Model	Extended	Retracted	Base dia.	Weight	Sections	Case
IR-212	3.8m	1.5m	37mm	1.6kg	3	C160
IR-216	5m	1.55m	40mm	2.6kg	4	C160
IR-220	6.43m	1.62m	45mm	3.2kg	5	C175
IR-225	7.8m	1.67m	48mm	4.3kg	6	C175
IR-230	9.21m	1.72m	52mm	5.2kg	7	C185
IR-235	10.06m	1.7m	56mm	5.9kg	8	C190
IR-240	12m	1.81m	60mm	7.2kg	9	C190



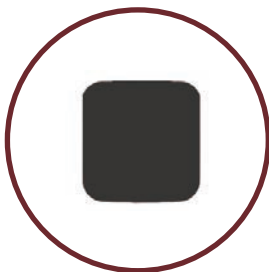
Note: Fluorescent green tip section, highly visible, and a foam core



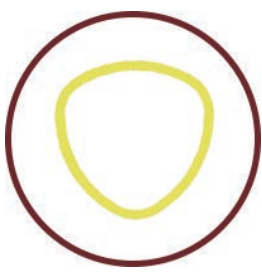
Rubber base



Rubber lock



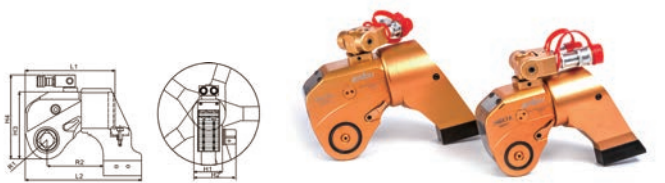
Top view
locking button



End view
triangular shape

MXTA Series of Driving Type Hydraulic Torque Wrench

- 1. Max. working pressure up to 70Mpa, accuracy up to ± 3%
- 2. A total of ten models from 112–72000Nm, the most complete models and widest coverage of bolts in the market
- 3. Hose connector rotates 360° *180° , not limited by use space
- 4. Square driver connects with high strength sockets, bolts used for a wide range of applications
- 5. The trigger type lock can place the 360° fine-tuning type reaction arm on any fixed fulcrum
- 6. Aluminum and titanium alloy forming body, high strength, high toughness



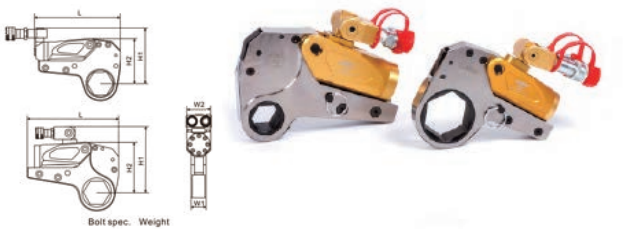
Model optional

Model	Torque range	Bolt spec.	Weight	L1	L2	H1	H2	H3	H4	R1	R2	Drive shaft
7MXTA	112–1120	14–30	1.8kg	110.8	139.3	42	65.8	76.2	108.1	20.5	68.3	3/4 ″
1MXTA	183–1837	16–36	2kg	130	182	50	72	99	144	26	99	3/4 ″
3MXTA	451–4512	22–48	4kg	166	241	68	95	130	176	34	134	1 ″
5MXTA	752–7528	27–56	7kg	198	281	80	123	155	198	39	152	1–1/2 ″
8MXTA	1078–10780	30–64	9.1kg	213	308	90	130	171	216	47	171	1–1/2 ″
10MXTA	1551–15516	36–72	13.1kg	231	336	100	141	187	230	51	174	1–1/2 ″
15MXTA	2062–20627	39–80	18kg	270	400	110	179	201	244	55	195	2–1/2 ″
20MXTA	2666–26664	42–90	25kg	295	443	120	182	228	268	59	250	2–1/2 ″
25MXTA	3472–34725	48–100	31kg	314	464	137	200	255	295	67	251	2–1/2 ″
35MXTA	4866–48666	64–120	45kg	355	489	153	217	290	330	69	271	2–1/2 ″

Notes: All kinds of special specifications of drive shafts, drive wheels and reaction arms can be customized.

LOW Series of Hollow Hydraulic Torque Wrench

- 1. Max. working pressure up to 70Mpa, accuracy up to ± 3% A total of six models from 232–44593Nm
- 2. 360° x180° and 360° x360° rotation hose connectors optional, used without limited space
- 3. Wrench directly acts on the nut, torque is more accurate and lighter
- 4. Integrated lengthen design, longer arm, reliability enhanced
- 5. Aluminum and titanium alloy forming body, high strength, hightoughness
- 6. New type anti – loose joints to ensure the oil flows smoothly
Anti-stop pawl design can prevent the wrench ratchet from reversing, higher work efficiency and torque accuracy
- 7. Hollow design, wrench directly acts on the nut, more accurate torque and lighter



Model optional

Model	Torque range (N.m)	Nut range mm	Power head weight(kg)	Working head wight	L	Structure size			
						H1	H2	W1	W2
2LOW	232–2328	19–55	0.9	1.5	196	126	102	32	51
	2410–241	60	0.9	1.5	196	129	105	32	51
4LOW	585–5858	34–65	1.7	3.4	258	163	136	42	66
	647–6474	70–80	1.7	3.4	263	173	146	42	66
8LOW	1094–10941	41–95	3.0	6.3	300	192	168	53	83
	1177–11774	100–105	3.1	6.3	311	201	177	53	83
14LOW	1852–18521	50–117	4.6	11.4	360	225	204	64	99
18LOW	2695–26958	65–130	6.5	14.3	388	264	231	71	109
30LOW	4188–41882	110–155	10.4	20.5	430	303	272	85	131
	4459–44593	160–175	10.4	20.5	431	315	285	85	131

Attention: All kinds of special specifications of drive shafts, drive wheels and reaction arms can be customized.

REW–700 Series Special Electric Pump for Torque Wrench

- 1. Three kinds of pressure, three kinds of flow output automatic switch, maximize efficiency
- 2. Standard configuration drives two hydraulic wrenches (Also can be configured to drive four wrenches at the same time)
- 3. Aluminum and titanium alloy manufacturing tank and pump, light weight, easy to carry
- 4. Φ 100 High density pressure gauge, ensuring higher torque accuracy
Adjust the output pressure freely in the range of 40–700 bar
- 5. With a radiator, can work continuously for 24 hours
- 6. A variety of voltage / frequency motors available upon request

Model		HEP–700
Power source		Power supply
Tank capacity (L)		8L
Oil flow (L/min)	Low pressure	7L/min
	Medium pressure	1.6L/min
	High pressure	0.8L/min
Output preesure (bar)		40–700bar
Input powersupply		220V/50Hz
Power (kw)		1.1kw
Weight (kg)		26.7kg



- 1. Al metal frame, easy to carry, protect machine body
- 2. System pressure release button, release pressure when pump stopped and power failure.
- 3. External pressure regulator, built-in relief valve protection
- 4. Lightweight design body, reducing weight, easy to carry

P-Series Hand Hydraulic Pump

- 1. Made by aerospace material Al–Ti Alloy, light weight, high strength, corrosion and impact resistant, adapt to various harsh environments
- 2. Double action, built-in precise high and low pressure auto-switch valve, more oil Flow at low pressure, time-saving and more efficient.



Model	Working Pressure		Oil Delivery		Reservoir	Oil Available	Handle Force	Measurements			Output	Pressure	Weight
	Mpa		(cm³)		capacity(cm³)	(cm³)	(N)	(mm)			interface	Gauge interface	(kg)
	Low	High	Low	High				A	B	C			
P392	2.5	70	32	2.5	1670	1440	300	577	120	170	3/8 ″ NPT	1/4 ″ NPT	6.3
P80	2.5	70	32	2.5	2259	1980	300	577	120	170	3/8 ″ NPT	1/4 ″ NPT	8
P160	2.5	70	32	2.5	3580	3240	300	577	140	190	3/8 ″ NPT	1/4 ″ NPT	10
P462	2.5	70	32	2.5	6480	5860	350	577	220	190	1/4 ″ BSP	1/4 ″ NPT	14.5
16P392	1.5	100	32	2.5	1670	1440	350	577	120	170	1/4 ″ BSP	1/2 ″ BSP	6.3
16P80	1.5	100	32	2.5	2259	1980	350	577	120	170	1/4 ″ BSP	1/2 ″ BSP	8
16P160	1.5	160	32	2.5	3580	3240	350	577	140	190	1/4 ″ BSP	1/2 ″ BSP	10
20P392	1.5	200	32	0.9	1670	1440	400	577	120	170	1/4 ″ BSP	1/2 ″ BSP	6.3
20P80	1.5	200	32	0.9	259	1980	400	577	120	170	1/4 ″ BSP	1/2 ″ BSP	8
20P160	1.5	200	32	0.9	3580	3240	400	577	140	190	1/4 ″ BSP	1/2 ″ BSP	10
28P80	2.0	280	32	0.9	1670	1980	450	577	120	170	3/4 ″ –16UNF	1/2 ″ BSP	6.3
40P80	2.0	400	32	0.9	1670	1980	450	577	120	170	14 ″ BSP	1/2 ″ BSP	6.3