

ELECTRIC POWER CONSTRUCTION

PRODUCT

CATALOG

2024



BEIJING CUTTER-LIU TECHNOLOGY CO., LTD.

www.cutter-liu.com



ABOUT US



*A family owned business,
full of Creativity and Passion.*

Founder & Chairman:

Mr. Liu

A handwritten signature in black ink, consisting of stylized Chinese characters.

Founded in 2008, Beijing Cutter-Liu Technology specializes in the development, production and sales of professional cutting tools and knives. Our products are widely used in electric power industry, emergency rescuing, agriculture and forestry, and recycling industry. As a pioneer manufacturer of cable cutting, stripping, and crimping tools in China, Cutter-Liu's competency lies in constant improvements and innovations in metal processing and heat-treatment technology. This has led to numbers of patents, and an indisputable position of leadership in our field.

For over a decade, we have been guided by the motto, "**A Brand Built on Quality.**" Cutter-Liu has grown stable, long-term cooperative relationships to world-renowned companies in Russia, Brazil, Australia and Europe. Such business links enable us to accumulate extensive ODM & OEM experience and to absorb up-to-date developing concepts. Aiming at nothing less than growing into a well-respected brand that is proudly "Made in China," Cutter-Liu fosters a spirit of craftsmanship, embraces creativity, and is always full of passion. We look forward to becoming a valued partner and friend that your business can trust and rely upon.

Leading Technology
in-house **Heat Treatments**
& a wide range of proven processes



Automated hardening shop
Strong production capacity



Uniform hardness
Lower risk of fracture



Less distortion with
thin components



Ideal Bainitizing or Martensitic
hardening processes



Reduce most stresses
in the material

J35S

All-round One-handed Ratcheting Cutter

Specifications:

Cutting Range: Low-voltage armored Cu / Al cable max. Φ 32 mm
 ACSR max. 240 mm²
 Steel Rod max. Φ 6 mm

Dimensions: 255 x 110 x 35 mm

Net Weight: 0.8 kg



<ul style="list-style-type: none"> • ACSR  <p>Single steel wire max. Φ 2 mm</p>	<ul style="list-style-type: none"> • Armored Cu / Al Cable  <p>Low-voltage cables (1kV) only</p>	<ul style="list-style-type: none"> • Steel Rod  <p>Mild steel only</p>
<ul style="list-style-type: none"> • Stainless Steel Pipe & Tube  <p>max. Wall thickness 2 mm</p>	<ul style="list-style-type: none"> • Chain  <p>max. Φ 4 mm</p>	<ul style="list-style-type: none"> • Wood Stick 

⚠ For cutting material not listed above, please confirm with us in advance.

J40S

All-round Compact Ratcheting Cutter

Specifications:

Cutting Range: Low-voltage armored Cu / Al cable max. Φ 38 mm
 ACSR max. 400 mm²
 Steel Rod max. Φ 10 mm

Dimensions: 360 x 110 x 40 mm

Net Weight: 1.3 kg





J40E Telescopic Handles

One-handed Ratcheting Cu / Al Cable Cutter

Specifications:

Cutting Range:	Armored Cu / Al cable max. Φ 45 mm (500 mm ²)
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Dimensions:	235/310 x 135 x 45 mm
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Net Weight:	1.2 kg
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J35

One-handed Ratcheting Cu / Al Cable Cutter

Specifications:

Cutting Range:	Armored Cu / Al cable max. Φ 32 mm (300 mm ²)
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Dimensions:	255 x 110 x 35 mm
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Net Weight:	0.7 kg
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J52

One-handed Ratcheting Cu / Al Cable Cutter

Specifications:

Cutting Range:	Armored Cu / Al cable max. Φ 52 mm (500 mm ²)
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Dimensions:	380 x 135 x 35 mm
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Net Weight:	1.1 kg
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J55

Telescopic Handles

Heavy-duty Ratcheting Cu / Al Cable Cutter

Specifications:

Cutting Range: Armored Cu / Al cable
max. Φ 55 mm (500 mm²)

Dimensions: 390/550 x 150 x 60 mm

Net Weight: 3.3 kg



J75

Telescopic Handles

Heavy-duty Ratcheting Cu / Al Cable Cutter

Specifications:

Cutting Range: Armored Cu / Al cable
max. Φ 70 mm (4x120 mm²)

Dimensions: 415/575 x 205 x 55 mm

Net Weight: 3.7 kg



J95

Telescopic Handles

Heavy-duty Ratcheting Cu / Al Cable Cutter

Specifications:

Cutting Range: Armored Cu / Al cable
max. Φ 90 mm (4x185 mm²)

Dimensions: 440/605 x 250 x 60 mm

Net Weight: 5.1 kg



J100 Telescopic Handles

Heavy-duty Ratcheting Cu / Al Cable Cutter

Specifications:

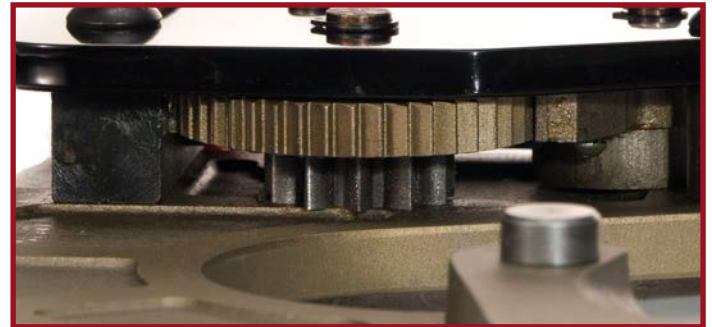
Cutting Range: Armored Cu / Al cable
max. Φ 100 mm (3x300 mm²)

Dimensions: 465/625 x 270 x 65 mm

Net Weight: 6.7 kg



- Single edge chop-cutting concept. Minimizes distortion on cross section of big size cables.



- Die-forged driving gears can bear stronger cutting resistance while saving labor.



J130 Telescopic Handles

Heavy-duty Ratcheting Cu / Al Cable Cutter

Specifications:

Cutting Range: Armored Cu / Al cable
max. Φ 120 mm (4x300 mm²)

Dimensions: 510/670 x 330 x 65 mm

Net Weight: 8.7 kg

J13 Heavy-duty Ratcheting Steel Cable Cutter

Telescopic Handles



J25 Heavy-duty Ratcheting Steel Cable Cutter

Telescopic Handles



Specifications:

Cutting Range: ACSR max. 720 mm²
EHS guy wire and ground rod max. Φ 13 mm
Mild steel rebar max. Φ 10 mm
Stainless steel tube max. 32 mm

Dimensions: 345/505 x 125 x 45 mm

Net Weight: 2.1 kg

ACSR max. 800 mm²
EHS guy wire and ground rod max. Φ 20 mm
Mild steel rebar max. Φ 16 mm
Stainless steel tube max. 38 mm

Dimensions: 385/550 x 135 x 60 mm

Net Weight: 3.2 kg

J30 Heavy-duty Ratcheting Steel Cable Cutter

Telescopic Handles



J50 Heavy-duty Ratcheting Steel Cable Cutter

Telescopic Handles



Specifications:

Cutting Range: ACSR max. 720 mm²
EHS guy wire and ground rod max. Φ 16 mm
Mild steel rebar max. Φ 12 mm
Stainless steel tube max. 34 mm

Dimensions: 400/570 x 160 x 60 mm

Net Weight: 3.7 kg

ACSR max. 1440 mm²
EHS guy wire and ground rod max. Φ 18 mm
Mild steel rebar max. Φ 14 mm
Stainless steel tube max. 48 mm

Dimensions: 395/555 x 150 x 60 mm

Net Weight: 3.3 kg

J14 Heavy-duty Ratcheting Wire Rope Cutter

Telescopic Handles



J20 Heavy-duty Ratcheting Wire Rope Cutter

Telescopic Handles



Specifications:

Cutting Range: Steel wire rope and aircraft cable
max. Φ 20 mm
Low-voltage armored Cu / Al cable
max. Φ 30 mm

Dimensions: 345/505 x 125 x 45 mm

Net Weight: 2.1 kg

Steel wire rope and aircraft cable
max. Φ 22 mm
Low-voltage armored Cu / Al cable
max. Φ 34 mm

Dimensions: 400/570 x 160 x 60 mm

Net Weight: 3.7 kg

J26 Heavy-duty Ratcheting Wire Rope Cutter

Telescopic Handles



J26C Industrial Ratcheting Wire Rope Cutter



Specifications:

Cutting Range: Steel wire rope and aircraft cable
max. Φ 26 mm
Low-voltage armored Cu / Al cable
max. Φ 38 mm

Dimensions: 385/550 x 135 x 60 mm

Net Weight: 3.2 kg

Steel wire rope and aircraft cable
max. Φ 26 mm
Low-voltage armored Cu / Al cable
max. Φ 38 mm

Dimensions: 740 x 140 x 50 mm

Net Weight: 4.1 kg

KBX45 Cable Outer Sheath Stripper



Specifications:

Applied For:	LV and MV cable, Φ 22 - 45 mm (0.87" - 1.77")
Cutting Depth:	2.5 mm
Dimensions:	245 x 72 x 75 mm
Net Weight:	0.6 kg
Packing:	Plastic case

CST235 Non-peelable Semi-con Layer Stripper for 35kV Cables

Specifications:

Applied For:	Cables with dia. 30 - 54 mm
Cutting Depth:	max. 1.5 mm
Net Weight:	0.6 kg



- One-direction stripping. Cutting depth can be adjusted at any time during working.
- Chamfering at the same time.
- Replaceable blades. Plastic case packing.

CST531 Main Insultation Layer Stripper for 10 - 35 kV Cables



Specifications:

Applied For:	Cables with dia. 15 - 55 mm
Cutting Depth:	max. 15 mm
Net Weight:	0.7 kg

- Helical and circular cutting. Replaceable blade with adjustable angles.
- Ideal for narrow working area. Plastic case packing.

BX40

Semi-con and Main Insulation Layer Stripper for XLPE Cables



Specifications:

Applied For:	MV cables with dia. 22 - 38 mm
Cutting Depth:	max. 10 mm
Dimensions:	240 x 85 x 60 mm
Net Weight:	0.6 kg
Packing:	Plastic case



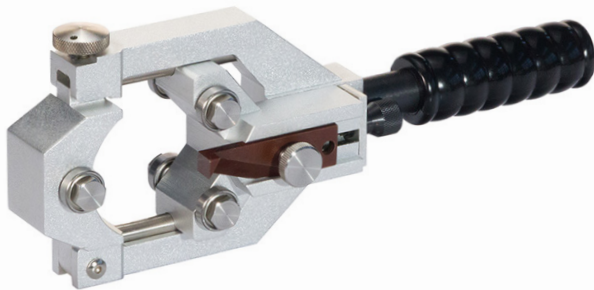
- Knife "A" for stripping main insulation layer.



- Knife "B" for stripping non-peelable semiconductor layer.

KBX65

Semi-con and Main Insulation Layer Stripper for XLPE Cables



Specifications:

Applied For:	MV and HV cables with dia. 35 - 65 mm
Cutting Depth:	max. 20 mm
Dimensions:	300 x 117 x 66 mm
Net Weight:	1.4 kg
Packing:	Plastic case

BX50

Semi-con and Main Insultation Layer Stripper for XLPE Cables



Specifications:

Applied For:	MV cables with dia. 22 - 45 mm
Cutting Depth:	max. 8 mm
Dimensions:	240 x 100 x 55 mm
Net Weight:	0.9 kg
Packing:	Plastic case



- A single blade can strip both semi-con and main insulation layer of the cable. Chamfering at the same time.

BX70

Semi-con and Main Insultation Layer Stripper for XLPE Cables



Specifications:

Applied For:	MV and HV cables with dia. 38 - 68 mm
Cutting Depth:	max. 10 mm
Dimensions:	275 x 135 x 60 mm
Net Weight:	1.5 kg
Packing:	Carrying bag

BX90 Semi-con and Main Insulation Layer Stripper for XLPE Cables



Specifications:

Applied For:	MV and HV cables with dia. 35 - 90 mm
Cutting Depth:	max. 20 mm
Dimensions:	500 x 145 x 75 mm
Net Weight:	2.7 kg
Packing:	Plastic case

BX150 Semi-con and Main Insulation Layer Stripper for XLPE Cables

Specifications:

Applied For:	MV and HV cables with dia. 75 - 150 mm
Cutting Depth:	max. 30 mm
Dimensions:	585 x 205 x 90 mm
Net Weight:	3.7 kg
Packing:	Carrying bag

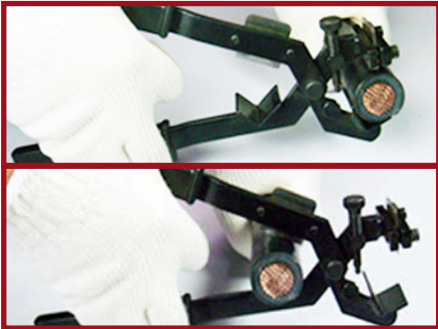


PG-6 Semi-con and Main Insulation Layer Stripper for XLPE Cables



Specifications:

Applied For:	MV and HV cables with dia. 60 - 128 mm
Cutting Depth:	max. 20 mm
Net Weight:	3.7 kg
Packing:	Carton



BX30

Insulation Layer Stripper for Overhead(ABC) Cables

Specifications:

Applied For:	ABC and MV cables with dia. 15 - 30 mm
Cutting Depth:	max. 6 mm
Dimensions:	275 x 75 x 50 mm
Net Weight:	0.7 kg
Packing:	Plastic case

Key features:

- Suitable for stripping from the end or center of cables.
- Cutting depth can be adjusted to avoid touching with conductor.
- Replaceable blades.



NP-400

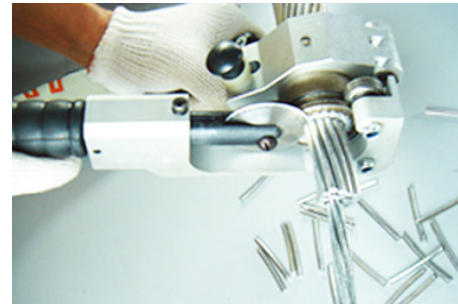
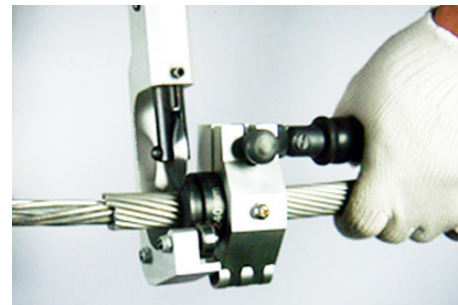
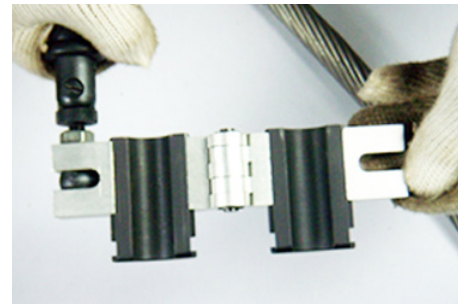
Insulation Layer Stripper for Overhead(ABC) Cables

Specifications:

Applied For:	ABC and MV cables with dia. 10 - 32 mm
Cutting Depth:	max. 3 mm
Dimensions:	200 x 80 x 50 mm
Net Weight:	0.6 kg
Packing:	Carrying bag

GBX720

Aluminum Conductor Wire Stripper for **ACSR**



Specifications:

Applied For: Stripping the aluminum wire of ACSR, max. 720 mm² (1272 MCM)

Standard Dies: 240 mm² / 300 mm² / 400 mm² / 630 mm² / 720 mm²

Additional Dies: 185 mm² / 500 mm² (not included in package by default)

Dimensions: 275 x 85 x 34 mm / 185 x 105 x 75 mm

Net Weight: 3.3 kg

Packing: Carrying bag

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