



powerjac
EMPOWERING SINCE 25 YEARS



HYDRAULIC TOOLS FOR ELECTRICAL CONSTRUCTION



Hydraulic Crimping Tools

Wire Cutters

Bus Bar Cutting, Bending, Pushing Tools

Inbuilt Hand Pump Hydraulic Crimping Tool



ICT - 120



ICT - 240



Salient Features:

- Crimping head rotates 180°
- High-density clamp head, stronger pressure
- Two-speed oil inlet design, leak-proof & durable, stable operation, safe & firm

Working pressure 700 bar (max)

MODEL	CRIMPING FORCE	CRIMPING RANGE	STROKE	NET WEIGHT
ICT-70	6t	Cu-4-70 mm ²	12 mm	3 kg
ICT-120	8t	Cu-10-120 mm ²	16 mm	4.5 kg
ICT-240	12t	Cu-16-240 mm ²	20 mm	5.6 kg
ICT-300	13t	Cu-10-300 mm ²	20 mm	5.8 kg

Portable Hydraulic Crimping Tool

PCT- 6



Salient Features :

- Flip-open head for easy access to the fitting
- Head rotate 350°, suitable for narrow space operation
- Equipped with quick coupler, easy to disassemble
- Powered by single acting hydraulic pump
- Crimping capacity: Max 300mm²
- Standard dies Cu50-300mm²

PCT- 6 (Dieless)



Salient Features :

- Four point indent crimping, firmly connects the lugs & conductors
- No need to change crimping dies, easy operation
- Suitable for crimping special lugs
- Head rotate 350°, suitable for narrow space operation.
- Equipped with quick coupler, easy to disassemble.
- Powered by single acting hydraulic pump

PCT- 25



Salient Features :

- To crimp the indoor & outdoor splicing fittings. clamp terminals for power transmission & distribution.
- Open U-crimping head, sturdy and durable
- Pin-type crimping head easy to take out dies & finished part
- Quick coupler for easy disassembly.
- With neat base, keep horizontal status
- Powered by a single acting hydraulic pump

PCT- 35



Salient Features :

- Flat base, keep horizontal level
- Open U-crimping head, sturdy & durable
- Pin-type crimping head, easy to take out dies & finished part
- Quick coupler for easy disassembly
- With neat base, keep horizontal status
- Powered by a single acting hydraulic pump

Portable Hydraulic Crimping Tool

PCT- 45



Salient Features :

- Flat base, keep horizontal level
- Open U-crimping head, sturdy & durable
- Pin-type crimping head, easy to take out dies Bt finished part
- Quick coupler for easy disassembly
- With neat base, keep horizontal status
- Powered by a single acting hydraulic pump

PCT- 60



Salient Features :

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

PCT- 100



Salient Features :

- Crimp overhead line ACSR, strain clamps for 110kV & underground cable sleeves for 200kV
- Double-acting hydraulic cylinder can shorten piston reset time
- Double action cylinder makes piston fast retraction
- Quick coupler for easy disassembly
- Powered by double acting hydraulic pump

PCT- 200



Salient Features :

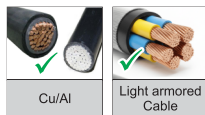
- Crimp overhead line strain clamps & splicing sleeves for 500kV & underground cable sleeves for 220kV
- Double-acting hydraulic cylinder can shorten piston reset time
- Double action cylinder makes piston fast retraction
- Quick coupler for easy disassembly
- Powered by double acting hydraulic pump

Working pressure 700 bar (max)

MODEL	CRIMPING FORCE	STROKE	CRIMPING CAPACITY	STANDARD DIES	NET WEIGHT	HAND PUMP MODEL
PCT-6	6t	17mm	300mm ²	Cu-50-300mm ²	2.6 kg	PHP-200/2
PCT-12	12t	38mm	50-400mm ²	50,70,95,120,150,185,240,300,400mm ²	3.5 kg	PHP-200/2
PCT-25	25t	20mm	150mm ² - 630mm ²	150,185,240,300,400,500,630mm ²	5.3 kg	PHP-200/2
PCT-35	35t	25mm	150-630mm ²	150,185,240,300,400,500,630mm ²	17.5 kg	PHP-400/2
PCT-45	45t	20mm	400-1000mm ²	400,500,630,800,1000mm ²	11 kg	PHP-400/2
PCT-100	100t	24mm	Max Cu/Al:76mm Max Steel 36mm	400,500,630,800,1000mm ²	31 kg	PHP-500/6DCV
PCT-200	200t	40mm	Max Cu/Al:100mm Max Steel:50mm	400,500,630,800,1000mm ²	85 kg	PHP-500/6DCV

Hydraulic Cutting Head

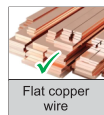
PWC - 30C



Salient Features :

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

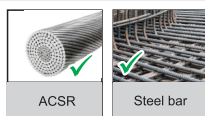
PWC - 40



Salient Features :

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

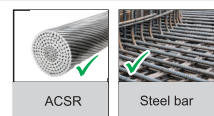
PWC - 45



Salient Features :

- Flip open head style for easy access to the fitting
- Powered by single acting hydraulic pump
- The exact cutting capacity depends on the type of cable

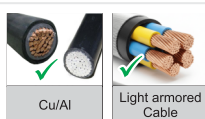
PWC - 55



Salient Features :

- Flip-open head easy access to the fitting
- Powered by single acting hydraulic pump
- The exact cutting capacity depends on the type of cable

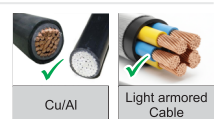
PWC - 85



Salient Features :

- For Cutting copper & aluminium cables with light weight steel armored
- Flip-open head easy access to the fitting
- The head can be rotated 360°
- With handle operation more convenient
- Connect single hydraulic pump
- Powered by single acting hydraulic pump
- The exact cutting capacity depends on the type of cable

PWC - 105C

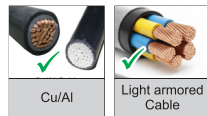


Salient Features :

- For Cutting copper & aluminium cables with light armored cable.
- C-type opening for easy access to the fitting
- Powered by single acting hydraulic pump
- The exact cutting capacity depends on the type of cable

Hydraulic Cutting Head

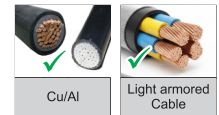
PWC - 120C



Salient Features :

- For Cutting copper & aluminium cables with light armored Cable
- C-type opening for easy access to the fitting
- Powered by single acting hydraulic pump
- The exact cutting capacity depends on the type of cable

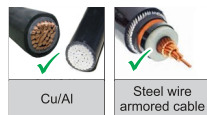
PWC - 132



Salient Features :

- For Cutting copper & aluminium cables with light armored Cable
- Flip top style for easy access to the fitting
- Powered by single acting hydraulic pump
- The exact cutting capacity depends on the type of cable

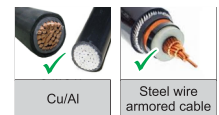
PWC - 160B



Salient Features :

- For steel wire armored cable
- Flip-open head design, easy to put in the cable
- Powered by single acting hydraulic pump
- The exact cutting capacity depends on the type of cable

PWC - 170



Salient Features :

- For steel wire armored cable
- Double acting cylinder, quick oil return
- Hardened blades, faster cutting speed

Working pressure 700 bar (max)

MODEL	CUTTING FORCE	CUTTING CAPACITY	NET WEIGHT	HAND PUMP MODEL
PWC-30C	6t	Max Ø30mm Cu/Al/ACSR	3.5 kg	PHP-200/2
PWC-40	6t	Max Ø40mm flat copper wire	4.5 kg	PHP-200/2
PWC-45	6t	Max Ø45mm Cu/Al/ACSR, Max12mm steel bar	3.8 kg	PHP-200/2
PWC-55	12t	Max Ø55mm Cu/Al/ACSR, Max22mm steel bar	5.6 kg	PHP-200/2
PWC-85	6t	Max Ø85mm Cu/Al, Max(10kV)3x185mm ² light armored cable	4.1 kg	PHP-200/2
PWC-105C	20t	Max Ø105mm Cu/Al, Max3x400mm ² light armored cable	9.7 kg	PHP-400/2
PWC-120C	20t	Max Ø120mm light armored Cu/Al	9.9 kg	PHP-500/3
PWC-132	10t	Max Ø132mm light armored Cu/Al	12.1 kg	PHP-500/3
PWC-160B	18t	Max Ø160mm steel wire armored Cu/Al	24 kg	PHP-500/3
PWC-170	30t	Max Ø160mm steel wire armored Cu/Al	95 kg	PHP-500/6DCV

Battery Operated Crimping Tool

BCT-6/12

With Dies



Salient Features:

- Flip-open head, crimping head rotates 350°
- Two stage hydraulics, automatic pressure release
- Built-in intelligent computer chip, OLED display is easy to read information
- Equipped with LED work light to make work easier
- High-capacity 18V power-on display lithium battery with fast charger
- PP plastic, molding in one, strong & anti-impact

BCT-6DL

Dieless



Salient Features:

- Indent crimping, no need to change dies.
- Three movable indenting nibs push connectors against the top fixed nib. as a result, four indentations are made into the connector
- Crimping head rotates 350°
- Two stage hydraulics, automatic pressure release Built-in intelligent computer chip, OLED display is easy to read information
- Equipped with LED work light to make work easier
- High-capacity 18V power-on display lithium battery with fast charger
- PP plastic, molding in one, strong and anti-impact

MODEL	CRIMPING FORCE	STROKE	CRIMPING CAPACITY	STANDARD DIES	NET WEIGHT
BCT-6	6t	22mm	Max 300mm ²	Cu50-300mm ²	4.1 kg
BCT-12	12t	42mm	Max 400mm ²	Cu50-400mm ²	7.2 kg
BCT-6DL DIELESS	6t	32mm	Max 300mm ²	----	11.6 kg

Battery Operated Cutting Tool

BWC-120

Battery operated wire cutter



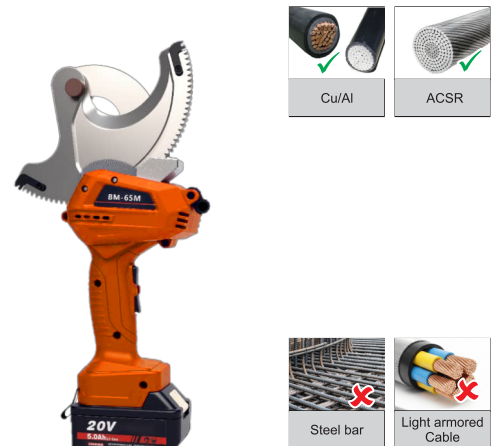
Salient Features:

- Scissors type open head, head rotates 350°
- Two stage hydraulic, automatic pressure-release
- Built-in intelligent computer chip, OLED display is easy to read information
- With LED light for dark place
- High-capacity 18V Li-ion battery, with quick charger
- PP plastic, moulding in one, strong and anti-impact
- For cutting copper and aluminum cables with light armored (depending on cable type)

Cutting Capacity	Net Weight
Max Ø120mm Cu/Al, max(35kV) 3 x 400mm ² light armored cable	12.5kg

BRWC-54

Ratchet Cable wire cutter



Salient Features:

- Suitable for narrow working space
- Light Weight, easy operation
- The tool is small and suitable for cutting in narrow working space
- Flip-open head, easy to pick & place cable
- High-capacity 20V Li-ion battery with quick charger
- It has built-in overload protection device to prevent overload operation
- The exact cutting capacity depends on the type of cable

Cutting Capacity	Net Weight
Max Ø54mm Cu/Al, 100mm ² copper strand wire, max 240mm ² steel-core ACSR	2.5kg

Busbar Cutting Tool

BCT-150V



BCT-200V



BCT-200/16



Salient Features :

- Used to cut Cu and Al bus bar
- Quick cut with smooth cut surface, chipping, cut waste easy to recycle
- V-type blade ensure cut surface not depressed, efficient contact area of bus bar

- Used to cut Cu and Al bus bar over 500kV on model no. PBCT-200/16 only
- Scale engraved helps the centre adjustment easier
- Quick coupler for easy disassembly
- Powered by single acting hydraulic pump

*PP-Powerpack

Working pressure 700 bar (max)

MODEL	OUTPUT FORCE	MAX CUTTING THICKNESS	MAX CUTTING WIDTH	NET WEIGHT	HAND PUMP MODEL
BCT-150V	25t	12mm	150mm	33.5 KG	PHP-500/3 (*PP)
BCT-200V	30t	12mm	200mm	40 KG	PHP-500/3 (*PP)
BCT-200/16	40t	16mm	200mm	51.7 KG	PHP-500/3 (*PP)

Busbar Punching Tool

BPT-80B



Salient Features :

- Body is made of high strength steel
- Quick speed, smooth punching without burr; positing plate for precise location
- Make punching safe and clean without punching chipping
- Equipped with quick coupler for easy disassembly
- Powered by single acting hydraulic pump
- Suitable Hand pump PHP-500/3 or Powerpack

BPT-100D



Salient Features :

- Two stage hydraulic, faster punch
- Body forged from high strength steel
- Throat depth 100mm, punching quicker and easier
- Powered by double acting hydraulic pump
- Suitable Hand pump PHP-500/3 DCV or Powerpack

Working pressure 700 bar (max)

MODEL	OUTPUT FORCE	MAX THICKNESS	THROAT DEPTH	STANDARD ACCESSORIES	OPTIONAL PUNCHING DIES	NET WEIGHT
BPT-80B	31t	Cu/Al 13mm, plain steel 10mm	80mm	Ø10.5, Ø13.5, Ø17.5, Ø20.5mm dies, fixing wrench, hexagon wrench	Ø8.5, Ø11.5, Ø15.5, Ø18.5mm	16.9kg
BPT-100D	60t	Cu/Al 20mm, plain steel 16mm	100mm	Ø16, Ø18, Ø22, Ø24mm dies, fixing wrench, hexagon wrench	Ø8.5, - Ø26mm	41.2kg

Busbar Bending Tool

BBT-150A



BBT-200C



BBT-200/16



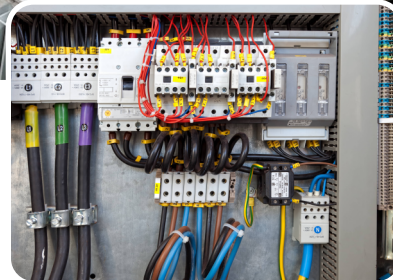
Salient Features:

- Flip-open design, pick finished parts conveniently
- Portable for outdoor work, also can be fixed in workshop for batch bending work.
- Used to bend Cu/Al bus bar
- With scale to shoe bending angle : Max bending angle 90°
- Finished bending surface smooth without wrinkle
- Quick coupler for easy disassembly
- Powered by single acting hydraulic pump

*PP-Powerpack

Working pressure 700 bar (max)

MODEL	OUTPUT FORCE	BENDING THICKNESS	BENDING WIDTH	NET WEIGHT	HAND PUMP MODEL
BBT-150A	15t	12mm	150mm	25kg	PHP-500/3 (*PP)
BBT-200C	20t	12mm	200mm	32.1kg	PHP-500/3 (*PP)
BBT-200/16	25t	16mm	200mm	56.7kg	PHP-500/3 (*PP)



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