

HYDRAULIC CRIMPING TOOL

HZ-60UNV SAFETY SYSTEM INSIDE



TECHNICAL DATA

Working force:	60KN
Stroke:	42mm
Crimping range:	Cu 16–300mm ² Al 10–240mm ²
Cutting range:	Φ40mm for Cu/Al cable and armoured Cu/Al cable.
Punching range:	Φ22.5–61.5mm in the 3.5mm mild steel
Length:	540mm
Weight:	3.5kg
Package:	Steel case

ACCESSORIES:

Crimping dies: 16, 25, 35, 50, 70, 95, 120, 150, 185, 240, 300mm ²	
Punches & die(Type C): 22.5, 28.3, 34.6, 43.2, 49.6, 61.5mm	
Blade:	1 SET
Adapter for crimping:	1 PC
Adapter for punching:	1 PC
3/4", 16UN Draw stud:	1 PC
3/8", 24UN Draw stud:	1 PC
Spacer:	1 PC
Sealing ring of cylinder:	1 SET
Sealing ring of safety valve:	1 SET

HZ-400 SAFETY SYSTEM INSIDE



TECHNICAL DATA

Crimping range:	Cu 16–400mm ²
Crimping force:	120KN
Stroke:	42mm
Length:	540mm
Weight:	6.3kg
Package:	Steel case
Crimping type:	hexagon crimping
Weight of box:	3.3kg

ACCESSORIES:

Crimping dies:	16, 25, 35, 50, 70, 95, 120, 150, 185, 240, 300, 400mm ²
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HZ-300 SAFETY SYSTEM INSIDE



TECHNICAL DATA

Crimping range:	Cu 16–300mm ²
Crimping force:	60KN
Crimping type:	hexagon crimping
Stroke:	17mm
Length:	approx.460mm
Weight:	approx.3.30kg
Package:	Steel case

ACCESSORIES:

Crimping die:	16,25,35,50,70,95,120,150,185,240,300mm ²
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HZ-400U SAFETY SYSTEM INSIDE



TECHNICAL DATA

Crimping range:	Cu 16–400mm ²
Crimping force:	120KN
Stroke:	20mm
Length:	520mm
Weight:	5.3kg
Package:	Steel case
Crimping type:	Hexagon crimping

ACCESSORIES:

Crimping dies:	16, 25, 35, 50, 70, 95, 120, 150, 185, 240, 300, 400mm ²
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HT-150 SAFETY SYSTEM INSIDE



TECHNICAL DATA

Crimping range:	Cu 4–150mm ²
Crimping force:	35KN
Stroke:	9mm
Material:	aluminum alloy
Length:	215mm
Weight:	1.36kg
Crimping type:	hexagon crimping
Package:	plastic box

ACCESSORIES:

Crimping dies:	4,6,8,10,16,25,35,50,70,95,120,150mm ²
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HYDRAULIC CRIMPING TOOL

CYO-6B HYDRAULIC CRIMPING TOOL 10-240MM²



TECHNICAL DATA

Crimping force:	60KN
Crimping range:	Cu 10–240mm ²
Stroke:	35mm
Weight:	approx. 5kg
Package:	plastic box
Length:	approx.585mm

CYO-410 SAFETY SYSTEM INSIDE



TECHNICAL DATA

Crimping force:	116KN
Crimping range:	Cu 50–400mm ²
Stroke:	30mm
Oil capacity:	145cc
Weight:	approx. 6.4kg
Package:	plastic box
Weight of box:	1.70kg

ACCESSORIES:

Crimping dies:50, 70, 95, 120, 150, 185, 240, 300,400mm²

CYO-430 SAFETY SYSTEM INSIDE



TECHNICAL DATA

Crimping force:	116KN
Crimping range:	Cu 50–400mm ²
Stroke:	30mm
Oil capacity:	145cc
Weight:	approx. 7kg
Package:	plastic box
Weight of box:	1.70kg

ACCESSORIES:

Crimping dies:50, 70, 95, 120, 150, 185, 240, 300,400mm²

CYO-510B SAFETY SYSTEM INSIDE



TECHNICAL DATA

Crimping force:	126KN
Crimping range:	Cu 50–400mm ²
Stroke:	38mm
Oil capacity:	145cc
Weight:	approx. 7.4kg
Package:	plastic box
Weight of box:	1.7kg

ACCESSORIES:

Crimping dies:50, 70, 95, 120, 150, 185, 240, 300, 400mm²

YQK-70



TECHNICAL DATA

Crimping range:	Cu 4–70mm ²
Crimping force:	45KN
Crimping type:	hexagon crimping
Stroke:	11mm
Length:	approx.310mm
Weight:	approx.1.80kg
Package:	plastic box
Weight of box:	approx. 1.1 kg

ACCESSORIES:

Crimping dies:4, 6, 8, 10, 16, 25, 35, 50, 70mm²
Sealing O–ring: one set

YYQ-120



TECHNICAL DATA

Crimping range:	Cu 10–120mm ²
Crimping force:	60KN
Crimping type:	hexagon crimping
Stroke:	13mm
Length:	approx.415mm
Weight:	approx.2.8kg
Package:	plastic box
Weight of box:	approx.0.9kg

ACCESSORIES:

Crimping dies:10, 16, 25, 35, 50, 70, 95, 120mm²
Sealing O–ring: one set

HYDRAULIC CRIMPING TOOL

YYQ-120A



TECHNICAL DATA

Crimping range:	Cu 10–120mm ²
Crimping force:	60KN
Crimping type:	hexagon crimping
Stroke:	13mm
Length:	approx.415mm
Weight:	approx.3.2kg
Package:	plastic box
Weight of box:	approx.0.9kg

ACCESSORIES:

Crimping dies:10, 16, 25, 35, 50, 70, 95, 120mm²
Sealing O–ring: one set

YQK-240



TECHNICAL DATA

Crimping range:	Cu 16–240mm ²
Crimping force:	70KN
Crimping type:	hexagon crimping
Stroke:	18mm
Length:	approx.475mm
Weight:	approx.3.6kg
Package:	plastic box
Weight of box:	approx. 1.80kg

ACCESSORIES:

Crimping dies:16, 25, 35, 50, 70, 95, 120, 150, 185, 240mm²
Sealing O–ring: one set

YQK-300



TECHNICAL DATA

Crimping range:	Cu 10–300mm ²
Crimping force:	70KN
Crimping type:	hexagon crimping
Stroke:	18mm
Length:	approx.475mm
Weight:	approx.3.6kg
Package:	plastic box
Weight of box:	approx. 1.80kg

ACCESSORIES:

Crimping dies:10, 16, 25, 35, 50, 70, 95, 120, 150, 185, 240,300mm²
Sealing O–ring: one set

KYQ-300 SAFETY SYSTEM INSIDE



TECHNICAL DATA

Crimping range:	Cu 16–300mm ²
Crimping force:	100KN
Crimping type:	hexagon crimping
Stroke:	22mm
Length:	approx. 490mm
Weight:	approx. 4.6kg
Package:	plastic box
Weight of box:	approx. 1.4kg

ACCESSORIES:

Crimping dies:16, 25, 35, 50, 70, 95, 120, 150, 185, 240,300mm²
Sealing O–ring: one set

KYQ-400 SAFETY SYSTEM INSIDE



TECHNICAL DATA

Crimping range:	Cu 50–400mm ²
Crimping force:	105KN
Crimping type:	hexagon crimping
Stroke:	32mm
Length:	approx.530mm
Weight:	approx.6.2kg
Package:	plastic box
Weight of box:	approx. 1.4kg

ACCESSORIES:

Crimping dies:50, 70, 95, 120, 150, 185, 240, 300, 400mm²
Sealing O–ring: one set

KDG-150 SAFETY SYSTEM INSIDE

open crimping head, rotate the die to choose crimping size.



TECHNICAL DATA

Crimping range:	Cu16–150mm ²
Crimping force:	100KN
Crimping type:	indent crimping
Stroke:	20mm
Length:	approx.500mm
Weight:	approx.4.4kg
Package:	Plastic box
Weight of box:	approx. 1.4kg

ACCESSORIES:

Female dies: 16–25–35, 50–70, 95–120, 150mm²
Male dies: 16, 25, 35–50–70, 95–120–150mm²

HYDRAULIC CRIMPING TOOL

FYQ-300



TECHNICAL DATA

Crimping range:	Cu 16–300 mm ²
Crimping force:	100KN
Crimping type:	hexagon crimping
Stroke:	22mm
Weight :	approx. 11.00kg
Package:	steel case
Weight of case:	approx. 4.45kg

ACCESSORIES:

Crimping dies:16, 25, 35, 50, 70, 95, 120, 150,185, 240,300 mm²

FYQ-400



TECHNICAL DATA

Crimping range:	Cu 16–400 mm ²
Crimping force:	155KN
Crimping type:	hexagon crimping
Stroke:	22mm
Weight :	approx. 14.50kg
Package:	steel case
Weight of case:	approx. 4.00kg

ACCESSORIES:

Crimping dies:16, 25, 35, 50, 70, 95, 120, 150, 185,240, 300, 400 mm²

FYQ-500



TECHNICAL DATA

Crimping range:	Cu 16–500 mm ²
Crimping force:	155KN
Crimping type:	hexagon crimping
Stroke:	22mm
Weight :	approx. 15.50kg
Package:	steel case
Weight of case:	approx. 4.00kg

ACCESSORIES:

Crimping dies:16, 25, 35, 50, 70, 95, 120, 150, 185,240, 300, 400, 500 mm²

SHP-430H



TECHNICAL DATA

Crimping range:	Cu 50–400 mm ²
Crimping force:	116KN
Crimping type:	hexagon crimping
Stroke:	30mm
Length:	approx. 350mm
Weight :	approx. 4.7kg
Package:	steel case
Weight of box:	approx.3.5kg

ACCESSORIES:

Crimping dies:50, 70, 95, 120, 150, 185, 240, 300, 400mm²
Sealing O-ring: one set
Note: it can match hand pump CP-700

SHP-510H



TECHNICAL DATA

Crimping range:	Cu 50–400 mm ²
Crimping force:	126KN
Crimping type:	hexagon crimping
Stroke:	38mm
Length:	approx. 370mm
Weight :	approx.4.9kg
Package:	steel case
Weight of box:	approx.3.5kg

ACCESSORIES:

Crimping dies:50, 70, 95, 120, 150, 185, 240, 300, 400mm²
Sealing O-ring: one set
Note: it can match hand pump CP-700

CO-400B



TECHNICAL DATA

Crimping range:	16–400 mm ²
Crimping force:	155KN
Crimping type:	hexagon crimping
Stroke:	25mm
Height:	approx.216mm
Weight:	approx.6.50kg
Package:	plastic box
Weight of box:	approx.1.00kg

ACCESSORIES:

Crimping dies:16, 25, 35, 50, 70, 95, 120, 150, 185, 240, 300, 400mm²
Note: it can match hand pump CP-700

HYDRAULIC CRIMPING TOOL & PUMP

FYQ-630



TECHNICAL DATA

Crimping range:	150–630 mm ²
Crimping force:	316KN
Crimping type:	hexagon crimping
Stroke:	25mm
Height:	approx.222mm
Weight:	approx.10.8kg
Package:	steel case
Weight of box:	approx.2.80kg

ACCESSORIES:

Crimping dies: 150, 185, 240, 300, 400, 500, 630mm²
Note: it can match hand pump CP-700

FYQ-630A



TECHNICAL DATA

Crimping range:	150–630 mm ²
Crimping force:	316KN
Crimping type:	hexagon crimping
Stroke:	35mm
Height:	approx.340mm
Weight:	approx: 15.4kg
Package:	steel case
Weight of box:	approx.4.4kg

ACCESSORIES:

Crimping dies: 150,185,240,300,400,500,630mm²
Note: it can match hand pump CP-700 or electric pump

FYQ-1000



TECHNICAL DATA

Crimping range:	400–1000 mm ²
Crimping force:	495KN
Crimping type:	hexagon crimping
Stroke:	28mm
Height:	approx.390mm
Weight:	approx: 27.3kg
Package:	steel case
Weight of box:	approx.5.2kg

ACCESSORIES:

Crimping dies: 400, 500, 630, 800, 1000mm²
Note: it suggest to match electric pump

THS-150 SAFETY SYSTEM INSIDE



TECHNICAL DATA

Crimping range:	Cu 10–150mm ²
Crimping force:	60KN
Crimping type:	hexagon crimping
Stroke:	15mm
Length: approx.	approx.380mm
Weight: approx.	approx.2.2kg
Oil capacity:	60cc
Package:	plastic box
Weight of box:	approx. 1.2kg

ACCESSORIES:

Crimping dies:10,16,25,35,50,70,95,120,150mm²

CP-700



TECHNICAL DATA

Type	Hand
Max output pressure	Low pressure: 2Mpa
	high pressure: 70Mpa
Output of the oil	Low pressure: 11cc
	high pressure: 1.4cc
Capacity of oil :	940cc
Direction of piston	double
Weight:	approx.9kg
Measurement (LxWxH):	510x140x150mm

CFP-800



TECHNICAL DATA

Type	Foot pump
Max output pressure	Low pressure: 2Mpa
	high pressure: 70Mpa
Output of the oil	Low pressure: 5.5cc
	high pressure: 1cc
Capacity of oil :	850cc
Direction of piston	double
Weight:	approx.8kg
Measurement (LxWxH):	450x150x200mm

HYDRAULIC PUMP & CABLE CUTTER

TEP-700



TECHNICAL DATA

Working Power:	AC220V 50HZ	Oil capacity:	1.8L
Power Rating:	0.4 kW	Weight:	8.5KG
Rated working pressure:	low pressure 2.5Mpa	External size:	230x155x306
	high pressure 70Mpa	In summer:	YB-N46 hydraulic oil
Max working pressure:	70Mpa	Winter:	+0°C: YB-N32 hydraulic oil
	low pressure 1.3L/min		-0°C: YC-N32 hydraulic oil
Nominal delivery capacity:	high pressure 0.23L/min		

ZCB6-5



TECHNICAL DATA

Rated output	0.75Kw		
Motor voltage:	220V/380V		
Rate of output:	High	63Mpa	
	low	2.5Mpa	
Capacity:	High	0.8L/min	
	low	5L/min	
Height	approx.470mm		
Weight:	approx.30.00kg		

CPC-50A



TECHNICAL DATA

Cutting force	60KN
Cutting range	Φ 50mm max(for telephone cable)
	Φ 45mm max(for armoured Cu/Alu cable)
Stroke	65mm
Length	approx.630mm
Weight	approx.7.10kg
Package	steel case
Weight of case	approx.3.5kg

CPC-85B



TECHNICAL DATA

Cutting force	60KN
Cutting range	Φ 85mm max(for telephone cable)
	Φ 50mm max(for armoured Cu/Alu cable)
Stroke	92mm
Oil capacity	92ml
Length	approx.465mm
Weight	approx.7.90kg
Package	steel case
Weight of case	3.5kg

CPC-100B



TECHNICAL DATA

Cutting force	60KN
Cutting range	Φ 100mm max(for telephone cable)
	Φ 75mm max(for armoured Cu/Alu cable)
Stroke	115mm
Oil capacity	115ml
Length	approx.505mm
Weight	approx.8.40kg
Package	steel case
Weight of case	3.5kg

CC-50B



TECHNICAL DATA

Cutting force	116KN
Cutting range	Φ 50mm max(for telephone cable)
	Φ 45mm max(for armoured Cu/Alu cable)
Stroke	24mm
Oil capacity	45ml
Length	approx.340mm
Weight	approx.6.20kg
Package	steel case
Weight of case	approx.2.10kg

NOTE: it can use with any hydraulic hand pump or electrical pump

HYDRAULIC CABLE CUTTER

YP-24A WITH SAFETY SYSTEM INSIDE



TECHNICAL DATA

Max cutting force	70KN
Stroke	20mm
Length	470mm
Weight	approx .3.50kg
Package	plastic box
Weight of box	approx.2.0kg
Size of nut:	M8-M16

YP-24 WITH SAFETY SYSTEM INSIDE



TECHNICAL DATA

Max cutting force	100KN
Stroke	20mm
Length	490mm
Weight approx	approx .4.00kg
Package	plastic box
Weight of box	approx.3.50kg
Size of nut:	M8-M24

FYP-24/41



TECHNICAL DATA

	FYP-24	FYP-41
Max cutting force	100KN	160KN
Stroke	20mm	20mm
Length	200mm	260mm
Weight	approx .1.60kg	approx .2.50kg
Package	steel case	steel case
Weight of box	approx.1.0kg	approx.1.0kg
Size of nut:	M8-M24	M16-M41

HZ-45 SAFETY SYSTEM INSIDE



TECHNICAL DATA

Cutting force:	60KN
Cutting range:	Φ 45mm Cu/Alu cable and Armoured Cu/Alu cable.
Stroke:	50mm
Length:	560mm
Weight:	4.80kg
Package:	steel case
Weight of case:	approx.3.30kg

Note: If change knife can cut Φ 38 ACSR/ Φ 28 steel wire

HZ-85 SAFETY SYSTEM INSIDE



TECHNICAL DATA

Cutting force:	60KN
Cutting range:	Φ 85mm Cu/Al cable and armoured Cu/Al cable.
Stroke:	86mm
Length:	680mm
Weight:	7.60kg
Package:	steel case
Weight of case:	approx.3.80kg

Note: If change knife can cut Φ 38 ACSR/ Φ 28 steel wire

CPC-40A



TECHNICAL DATA

Cutting force	60KN
Cutting range	Φ 40mm max(for telephone cable)
	Φ 32mm max(for armoured Cu/Alu cable)
Stroke	48mm
Length	approx.580mm
Weight	approx.5.20kg
Package	steel case
Weight of case	approx.3.25kg



HYDRAULIC PULLER & CUTTING TOOL

CPS SPLIT-UNIT STYLE



Item No.	Output	Spread	Reach	Ares Travel
CPS-10L	10T	304mm max.	250mm max.	150mm
CPS-20L	20T	304mm max.	250mm max.	150mm

EP SPLIT-UNIT STYLE



Item No.	Output	Spread	Reach	Ares Travel
EP-5	5T	200mm max.	140mm max.	50mm
EP-10	10T	250mm max.	160mm max.	50mm
EP-20	20T	350mm max.	200mm max.	50mm
EP-30	30T	450mm max.	250mm max.	50mm

CK INTEGRAL-UNIT STYLE



Item No.	Output	Spread	Reach	Ares Travel
CK-5	5T	200mm max.	140mm max.	50mm
CK-10	10T	250mm max.	160mm max.	50mm
CK-20	20T	350mm max.	200mm max.	50mm

CWC-150/200

FOR CUTTING COPPER AND ALUMINUM SHEET ONE SIDE CUT, NO SCRAP



TECHNICAL DATA	CWC-150	CWC-200
Max thickness of sheet	10mm	12mm
Width of sheet	150mm	200mm
Cutting force	150KN	200KN
Height	approx.400mm	approx.420mm
Weight	approx.29kg	approx.32.5kg

Note: It can match hand pump CP-700 or electric pump

CWC-150V

FOR CUTTING COPPER AND ALUMINUM SHEET ONE SIDE CUT, NO SCRAP



TECHNICAL DATA	
Max thickness of sheet	10mm
Width of sheet	150mm
Cutting force	150KN
Height	approx.400mm
Weight	approx.25.9kg

Note: It can match hand pump CP-700 or electric pump

CWC-200V



TECHNICAL DATA	
Max thickness of sheet	12mm
Width of sheet	200mm
Cutting force	200KN
Height	approx.420mm
Weight	approx.29.3kg

Note: It can match hand pump CP-700 or electric pump

HYDRAULIC PUNCHING TOOL

TP-8C



TECHNICAL DATA

Punching range:	Φ22.5-61.5mm in the 3.5mm mild steel
Punching force:	66KN
Stroke:	22mm
Length:	approx. 320mm
Weight:	approx. 2.7kg
Package:	plastic box
Weight of box:	approx. 1.20kg

ACCESSORIES:

Round Knockout	22.5, 28.3, 34.6,
Punches Type D:	43.2, 49.6, 61.5mm
7/16" x 3/4" Draw Stud:	1pc
3/4" x 3/4" Draw Stud:	1pc
Spacer:	1pc
Sealing kit:	1set
Plastic box:	1pc

SYK-15



TECHNICAL DATA

Punching range:	Φ22.5-61.5mm in the 3.5mm mild steel
Punching force:	150KN
Stroke:	25mm
Package:	steel case

ACCESSORIES:

Round Knockout Punches Type D:	22.5, 28.3, 34.6, 43.2, 49.6, 61.5mm
Square knockout punches:32x32mm	1pc
7/16" x 3/4" Draw Stud:	1pc
3/4" x 3/4" Draw Stud:	1pc
Spacer:	1set
Sealing kit:	1pc
Plastic box:	

SYK-8A



TECHNICAL DATA

Punching range:	Φ22.5-61.5mm in the 3.5mm mild steel
Punching force:	100KN
Stroke:	25mm
Package:	steel case

ACCESSORIES:

Round Knockout Punches Type D:	22.5, 28.3, 34.6, 43.2, 49.6, 61.5mm
7/16" x 3/4" Draw Stud:	1pc
3/4" x 3/4" Draw Stud:	1pc
Spacer:	1pc
Sealing kit:	1set
Plastic box:	1pc

TPA-8



TECHNICAL DATA

Punching range:	Φ22.5-61.5mm in the 3.5mm mild steel
Punching force:	69KN
Stroke:	22mm
Length:	approx. 310mm
Weight:	approx. 2.2kg
Package:	plastic box
Weight of box:	approx. 1.20kg

ACCESSORIES:

Round Knockout	22.5, 28.3, 34.6,
Punches Type D:	43.2, 49.6, 61.5mm
7/16" x 3/4" Draw Stud:	1pc
3/4" x 3/4" Draw Stud:	1pc
Spacer:	1pc
Sealing kit:	1set
Plastic box:	1pc

WK-8



TECHNICAL DATA

Punching range:	Φ22.5-61.5mm in the 3.5mm mild steel
Punching force:	70KN
Stroke:	25mm
Weight:	approx. 3.30kg
Package:	plastic box
Weight of box:	approx. 1.20kg

ACCESSORIES:

Round Knockout	22.5, 28.3, 34.6,
Punches Type D:	43.2, 49.6, 61.5mm
7/16" x 3/4" Draw Stud:	1pc
3/4" x 3/4" Draw Stud:	1pc
Spacer:	1pc
Sealing kit:	1set
Plastic box:	1pc

SYK-8B



TECHNICAL DATA

Punching range:	Φ22.5-61.5mm in the 3.5mm mild steel
Punching force:	100KN
Stroke:	25mm
Package:	steel case

ACCESSORIES:

Round Knockout Punches Type D:	22.5, 28.3, 34.6, 43.2, 49.6, 61.5mm
7/16" x 3/4" Draw Stud:	1pc
3/4" x 3/4" Draw Stud:	1pc
Spacer:	1pc
Sealing kit:	1set
Plastic box:	1pc



HYDRAULIC PUNCHING TOOL & MULTIFUNCTIONAL MACHINE

CH-80



TECHNICAL DATA

Thickness of the plate:	16mm
Depth of throat:	120mm
Punching force:	500KN
Weight:	45kg

ACCESSORIES:

16, 18, 22, 25mm

Note: it used for Cu/Al plate

CH-60



TECHNICAL DATA

Max thickness of sheet	10mm
Punching force	300KN
Stroke	25mm
Depth of throat	70mm
Height	approx. 350mm
Weight	approx. 16.9kg

ACCESSORIES:

3/8" (φ 10.5), 1/2" (φ 13.8), 5/8" (φ 17), 3/4" (φ 20.5)

Note: it used for Cu/Al plate

THP-120 INTEGRAL-UNIT STYLE



Punching force	150KN
Max thickness of sheet	8mm
Width of sheet	120mm
Weight	approx. 50Kg

Accessories:

3/8" (φ 10.5), 1/2" (φ 13.8), 5/8" (φ 17), 3/4" (φ 20.5)

SYD-35



TECHNICAL DATA

Max thickness of sheet	1.5mm
Punching force	120KN
Depth of throat	100mm
Height	approx. 405mm
Weight	approx. 12.5kg

ACCESSORIES:

φ 26- φ 35

Note: it used for stainless steel sink

CH-70



TECHNICAL DATA

Max thickness of sheet	12mm
Punching force	350KN
Stroke	42mm
Depth of throat	100mm
Height	approx. 390mm
Weight	approx. 33.3kg

ACCESSORIES:

3/8" (φ 10.5), 1/2" (φ 13.8), 5/8" (φ 17), 3/4" (φ 20.5)

Note: it used for Cu/Al plate

VHB-150 PUNCHING BENDING CUTTING IN ONE MACHINE



TECHNICAL DATA

Functions	With three functions, cutting, punching and bending.
Dimension of work table:	600mm(L) x 600mm (W) x 770mm(H)
Voltage: single phase	single phase 50Hz, 220V
Rating oil pressure:	700kg/cm ²
Cutting force:	250KN
Cutting range:	150mm(Width) x 10mm(thickness)
Punching force:	300KN
Distance from hole to sheet side:	80mm
Punching range:	Hole Die: φ 10.5, φ 13.8, φ 17, φ 20.5mm

HYDRAULIC BENDING TOOL

CB-200A

FOR BENDING COPPER AND ALUMINUM SHEET

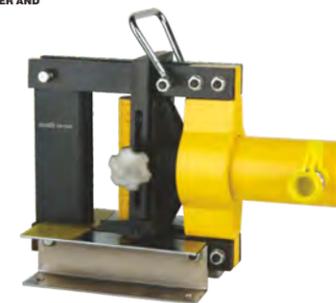


TECHNICAL DATA

Bending Force	200KN
Max thickness of sheet	12mm
Width of sheet	200mm
Height	approx 370mm
Weight	approx 27.4kg

CB-150D

FOR BENDING COPPER AND ALUMINUM SHEET



TECHNICAL DATA

Bending Force	160KN
Max thickness of sheet	10mm
Width of sheet	150mm
Height	approx 360mm
Weight	approx 19.2kg

PLW-125



TECHNICAL DATA

Copper bending range (Max.)	Thickness: 10mm	Width: 125mm
Aluminum bending (Max.)	Thickness: 12.5mm	Width: 125mm
Working pressure:	70Mpa	
Voltage:	380v/220v, 0.75kw	
Bending angle:	0°-90°	
Oil supply:	900ml	
Weight:	79kgs	
Bending Range (Thickness*Width range):	4x(40-80)mm 5x(40-80)mm 6x(40x80)mm 8x(40-80)mm 10x(100-125)mm 12.5x(120-125)mm	

ACCESSORIES:

Backform:	1pc
Shaft:	2pcs
Die:	6pcs

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PIPE BENDER

CPB SPLIT-UNIT STYLE



TECHNICAL DATA

Item No.	Output (T)	Bending range (mm)			Stroke (mm)	Oil reseaves (cc)	Weight (kg)
		Thin-wall conduit tube	Thick-wall conduit tube	Carbon steel pipe (Gas pipe)			
CPB-1	10	13mm-36mm	13mm-30mm	13mm-30mm	170	600	approx.20
CPB-2	16	15mm-75mm	16mm-52mm	16mm-52mm	250	580	approx.58
		(5/8") (2")	(1/2") (2")	(1/2") (2")			
CPB-3	18	15mm-75mm	16mm-82mm	15mm-65mm	270	640	approx.108
		(5/8") (3")	(1/2") (3")	(1/2") (3")			
CPB-4	20	15mm-75mm	16mm-104mm	15mm-100mm	270	760	approx.190
		(5/8") (4")	(1/2") (4")	(1/2") (4")			

SWG INTEGRAL-UNIT STYLE



TECHNICAL DATA

Item No.	Output (T)	Stroke (mm)	Bending range (mm)	Thickness of pipe (mm)	Weight: approx(kg)	Package	Weight of box	Pipe moulds
SWG-1	10	170	1/4"-1"	1-3.5	17	vener box	2	1/4", 5/16", 3/8", 1/2", 3/4", 1"
SWG-2	16	250	1/2"-2"	2.75-4.5	60	vener box	6	1/2"-3/4", 1", 1 1/4", 1 1/2", 2"
SWG-3	18	320	1/2"-3"	2.75-4.5	125	vener box	8	1/2"-3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3"
SWG-4	20	415	1/2"-4"	2.75-6	200	vener box	13.5	1/2"-3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3", 4"

TB-22



TECHNICAL DATA

Former In inch		Former In metric	
Size	Weight	Size	Weight
1/4"	0.09kg	10mm	0.09kg
5/16"	0.09kg	12mm	0.11kg
3/8"	0.08kg	14mm	0.14kg
1/2"	0.13kg	15mm	0.14kg
5/8"	0.145kg	16mm	0.14kg
3/4"	0.09kg	18mm	0.20kg
7/8"	0.22kg	20mm	0.17kg
		22mm	0.20kg

TB-22N



TECHNICAL DATA

Former In inch		Former In metric	
Size	Weight	Size	Weight
1/4"	0.03kg	10mm	0.04kg
5/16"	0.03kg	12mm	0.04kg
3/8"	0.03kg	14mm	0.06kg
1/2"	0.05kg	15mm	0.06kg
5/8"	0.05kg	16mm	0.06kg
3/4"	0.07kg	18mm	0.08kg
7/8"	0.08kg	20mm	0.08kg
		22mm	0.09kg

TBJ-22



TECHNICAL DATA

Former In inch		Former In metric	
Size	Weight	Size	Weight
1/4"	0.09kg	10mm	0.09kg
5/16"	0.09kg	12mm	0.11kg
3/8"	0.08kg	14mm	0.14kg
1/2"	0.13kg	15mm	0.14kg
5/8"	0.145kg	16mm	0.14kg
3/4"	0.09kg	18mm	0.20kg
7/8"	0.22kg	20mm	0.17kg
		22mm	0.20kg

Sets include basic tool, bending support with bending segments, in plastic box
 Note: The former used at optional

PIPE BENDER

TBJ-22N



TECHNICAL DATA

Former In inch		Former In metric	
Size	Weight	Size	Weight
1/4"	0.03kg	10mm	0.04kg
5/16"	0.03kg	12mm	0.04kg
3/8"	0.03kg	14mm	0.06kg
1/2"	0.05kg	15mm	0.06kg
5/8"	0.05kg	16mm	0.06kg
3/4"	0.07kg	18mm	0.08kg
7/8"	0.08kg	20mm	0.08kg
		22mm	0.09kg

Sets include basic tool, bending support with bending segments, in plastic box
 Note: The former used at optional

TBJ-22-REV



TECHNICAL DATA

Former In inch		Former In metric	
Size	Weight	Size	Weight
1/4"	0.09kg	10mm	0.09kg
5/16"	0.09kg	12mm	0.11kg
3/8"	0.08kg	14mm	0.14kg
1/2"	0.13kg	15mm	0.14kg
5/8"	0.145kg	16mm	0.14kg
3/4"	0.09kg	18mm	0.20kg
7/8"	0.22kg	20mm	0.17kg
		22mm	0.20kg

Sets include basic tool, bending support with bending segments, in plastic box
 Note: The former used at optional

TBJ-22N-REV



TECHNICAL DATA

Former In inch		Former In metric	
Size	Weight	Size	Weight
1/4"	0.03kg	10mm	0.04kg
5/16"	0.03kg	12mm	0.04kg
3/8"	0.03kg	14mm	0.06kg
1/2"	0.05kg	15mm	0.06kg
5/8"	0.05kg	16mm	0.06kg
3/4"	0.07kg	18mm	0.08kg
7/8"	0.08kg	20mm	0.08kg
		22mm	0.09kg

Sets include basic tool, bending support with bending segments, in plastic box
 Note: The former used at optional

TBJ-32



TECHNICAL DATA

Former In inch		Copper tube		XPAP, PEX tube	
Size	Weight	Size	Weight	Size	Weight
16mm	0.14kg	✓	✓		
20mm	0.18kg	✓	✓		
26mm	0.24kg	x	✓		
32mm	0.42kg	x	✓		

Sets include basic tool, bending support with bending segments, in plastic box
 Note: The former used at optional

Aluminum former 10-32mm



ALUMINUM FORMER

Former In inch		Former In metric	
Size	Weight	Size	Weight
1/4"	0.09kg	10mm	0.09kg
5/16"	0.09kg	12mm	0.11kg
3/8"	0.08kg	14mm	0.14kg
1/2"	0.13kg	15mm	0.14kg
5/8"	0.145kg	16mm	0.14kg
3/4"	0.19kg	18mm	0.20kg
7/8"	0.22kg	20mm	0.17kg
		22mm	0.20kg
		26mm	0.24kg
		32mm	0.42kg

ALUMINUM COUNTERFORMER

Size		Weight
1/4"-5/16"		0.35kg
3/8"-5/8"		0.30kg
3/4"-7/8"		0.42kg
10mm		0.31kg
12-16mm		0.30kg
18-22mm		0.34kg
26mm		0.45kg
32mm		0.73kg

Nylonformer 1/4"-7/8"



NYLON FORMER

Former In inch		Former In metric	
Size	Weight	Size	Weight
1/4"	0.03kg	10mm	0.04kg
5/16"	0.03kg	12mm	0.04kg
3/8"	0.03kg	14mm	0.06kg
1/2"	0.05kg	15mm	0.06kg
5/8"	0.05kg	16mm	0.06kg
3/4"	0.07kg	18mm	0.08kg
7/8"	0.08kg	20mm	0.08kg
		22mm	0.09kg

NYLON COUNTERFORMER

Size		Weight
1/4"-5/16"		0.25kg
3/8"-5/8"		0.29kg
3/4"-7/8"		0.36kg
10-12mm		0.25kg
14-16mm		0.28kg
18-22mm		0.37kg