



Chapter 6

Bending and Forming

Manual Pipe Bender

HHW-25S

Product Description

- HHW-25S is a portable pipe bending tool set for cold bending.
- Clean, smooth bending arc for use. Quick bending for U type.
- Strong plastic carry case and dies are included as standard accessories.
- Suitable for mild steel and stainless steel pipes of 10-25mm.
- Mounts easily to your workbench. Simple operation and fast setup.
- It is widely used in factories and mines, village, construction, electrical circuit, pipe setting.

Specifications

- Model: HHW-25S
- Capacity: Dia. 10-25mm
- Pipe wall thickness: 0.8-2.0mm
- Bending dies: 3/8", 1/2", 9/16, 5/8", 3/4", 7/8", 1"
- For pipes: mild steel and stainless steel
- Dimension: 66×46×18cm
- Package: BMC inside, carton outside

Ordering Information

Catalog No.	Description	N.W(kg)
2511000	HHW-25S complete set with all dies	25



Product Description

- Designed to bend soft copper and coated soft copper of 6-22mm as well as multilayer pipes up to 26mm.
- For sanitary, heating, air conditioning, refrigerating and hydraulic field.
- Also for DIN EN 1057 and tubes of press fitting systems.
- No costs for fittings, storage, procurement. Savings in soldering joints, pressing joints and working hours.



Specifications

- Model: HHW-22
- Bending range: 6-22mm
- Bending dies: 1/4", 5/16", 3/8", 1/2", 5/8", 3/4", 7/8"
- Wall thickness of pipe: 1mm
- Dimension: 52×31×40cm



HHW-22

Specifications

- Model: HHW-22A
- Bending range: 6-22mm
- Bending dies: 1/4", 5/16", 3/8", 1/2", 5/8", 3/4", 7/8"
- Wall thickness of pipe: 1mm
- Dimension: 52×31×40cm



HHW-22A

Ordering Information

Catalog No.	Description	N.W(kg)
2511100	HHW-22 complete set with all dies	4.1
2511200	HHW-22A complete set with all dies	5.1

Manual Hydraulic Pipe Bender

Product Description

- Hydraulic pipe benders provide easier bending than manual mechanical benders.
- Bending range up to 4", portable design for construction.
- Cold bending pipes only in one turn. Up to 90 degree, hydraulic equipment makes more precise bending.
- Fast setup and disassembly, convenient removing with bottom wheels.
- Friendly use for European Environmental Standard with CE.



HHW-2/3/4 packing



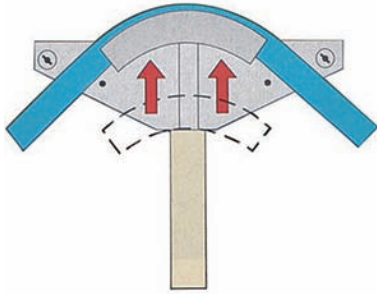
Standard dies

Ordering Information

Catalog No.	Description
2521000	HHW-1A complete set with all dies
2521100	HHW-2 complete set with all dies
2521200	HHW-3 complete set with all dies
2521300	HHW-4 complete set with all dies

Specifications

Model No.	Max pressure	Max stroke	Bending dies	Pipe wall thickness	G. W.	Dimension	Packing way
HHW-1A	6T	150mm	3/8", 1/2", 3/4", 1"	1.5-3.5mm	17kg	43×38×13cm	Metal case
HHW-2	13T	250mm	1/2", 3/4", 1", 1 1/4", 1 1/2", 2"	2.75-4.5mm	49kg	73×32×20cm	Plywood
HHW-3	20T	290mm	1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3"	2.75-5mm	98kg	93×40×21cm	
HHW-4	23T	370mm	1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3", 4"	2.75-6mm	149kg	118×46×23cm	



Bending illustration

HHW-4J



Product Description

- Simple manual hydraulic operation for easy use.
- Completely manual hydraulic operation so external power is not needed.
- Heavy-duty hydraulic cylinder capable of bending schedule 40 pipe.
- Cold bending pipes only in one turn. Up to 90 degree, hydraulic equipment makes more precise bending.
- Pipe stands are also included for better bending experience.

Ordering Information

Catalog No.	Description
2521400	HHW-2J complete set with all dies
2521500	HHW-3J complete set with all dies
2521600	HHW-4J complete set with all dies



operation display

Specifications

Model No.	Max	Max stroke	Bending dies	Pipe wall thickness	G. W.	Dimension	Packing way
HHW-2J	13T	250mm	1/2", 3/4", 1", 1 1/4", 1 1/2", 2"	2.75-4.5mm	53kg	73×32×20cm	Plywood
HHW-3J	20T	290mm	1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3"	2.75-5mm	105kg	94×40×21cm	
HHW-4J	23T	370mm	1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3", 4"	2.75-6mm	155kg	118×46×23cm	

Electric Hydraulic Pipe Bender



Product Description

- Electric hydraulic bender up to 4" pipe.
- Using range: applicable to general pipe, conductor pipe, gas pipe, the thick steel pipe, etc. , bending angle up to 90 degree.
- All bending dies are made of cast iron than ordinary grey cast iron. With high strength, good toughness and plasticity, more resistant to use, not easy to break.
- Fast setup and disassembly, convenient removing with bottom wheels.
- Stands are optional instead of bottom wheels.

Ordering Information

Catalog No.	Description
2531010	HHW-2D complete set with all dies, wheels, 110V/60Hz
2531110	HHW-3D complete set with all dies, wheels , 110V/60Hz
2531210	HHW-4D complete set with all dies, wheels , 110V/60Hz
2531020	HHW-2D complete set with all dies, wheels, 220V/50Hz
2531120	HHW-3D complete set with all dies, wheels, 220V/50Hz
2531220	HHW-4D complete set with all dies, wheels, 220V/50Hz



optional tripod stand

Specifications

Model No.	Max pressure	Max stroke	Bending dies	Pipe wall thickness	G. W.	Dimension	Packing way
HHW-2D	13T	250mm	1/2", 3/4", 1", 1 1/4", 1 1/2", 2"	2.75-4.5mm	74kg	96×35×27cm	Plywood
HHW-3D	20T	290mm	1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3"	2.75-5mm	126kg	118×46×27cm	
HHW-4D	23T	370mm	1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3", 4"	2.75-6mm	174kg	118×46×32cm	

Separable Hydraulic Pipe Bender



Product Description

- Can precisely bend diameter 1/2"-4" pipes.
- Includes standard bending dies, tripod stands and 1.8m high pressure oil hose hand pump.
- Separable type, more flexible to operate.
- All parts and machine will be put in a plywood case.

Ordering Information

Catalog No.	Description
2541000	HHW-2F complete set with all dies
2541100	HHW-3F complete set with all dies
2541200	HHW-4F complete set with all dies

Specifications

Model No.	Max	Max stroke	Bending dies	Pipe wall thickness	G. W.	Dimension	Packing way
HHW-2F	13T	250mm	1/2", 3/4", 1", 1 1/4", 1 1/2", 2"	2.75-4.5mm	50kg	73×32×20cm	Plywood
HHW-3F	20T	320mm	1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3"	2.75-5mm	112kg	94×40×21cm	
HHW-4F	23T	370mm	1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3", 4"	2.75-6mm	157kg	118×46×23cm	

Rolling Pipe Bender

Product Description

- If you want to bend pipes into a circular or arc shape, the diameter of the circle or arc should be more than twenty times of the pipe diameter.
- We can supply bending dies in other Specifications according to your requirements.

Specifications

- Model: HHW-G76
- Standard round dies: 16, 19, 22, 25, 32, 38, 51, 63, 76mm
- Standard square dies: 16, 19, 22, 25, 30, 38, 40, 50mm
- Pipe wall thickness: 0.5-2mm
- Motor: 1500W, 220V/380V
- G. W: 250kg
- Dimension: 73×63×103cm



HHW-G76

Specifications

- Model: HHW-76B
- Standard round dies: 16, 19, 22, 25, 32, 38, 51, 63, 76mm
- Standard square dies: 16, 19, 22, 25, 30, 38, 40, 50mm
- Pipe wall thickness: 0.5-2mm
- Motor: 1500W, 220V/380V
- G. W: 260kg
- Dimension: 73×63×103cm



HHW-76B

Ordering Information

Catalog No.	Description
2551020	HHW-G76 complete set with all dies, 220V-50Hz
2551120	HHW-76B complete set with all dies, 220V-50Hz
2551030	HHW-G76 complete set with all dies, 380V-50Hz
2551130	HHW-76B complete set with all dies, 380V-50Hz
2551021	HHW-G76 complete set with all dies, 240V-50Hz
2551121	HHW-76B complete set with all dies, 240V-50Hz