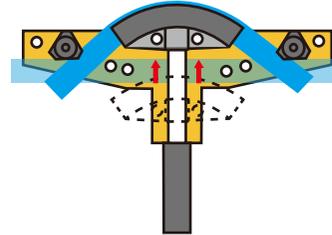


The Manual Hydraulic Pipe Benders are designed for precision cold bending of thick-walled pipes (gas, water and steam pipes, non-heated black iron pipes, galvanized pipes, schedule 40 & 80) up to 90° following GB/T 3091, DIN 2440, EN 10255, BS1387 standards.

These benders are ideal for plumbing, sanitary and heating installation on construction sites, for apparatus and boiler making and for industrial applications.

one shot bending operation



Do not run the bender without insertion of a pipe between the bending shoe and pivot shoes.

HHW-2J, HHW-3J, HHW-4J



Characteristics:

- Capable of bending angles from 0° to 90° on pipes ranging from 1/2" to 4".
- Cold bending, no pre-warming of pipe is required.
- Works quicker with the two-speed, heavy-duty hydraulic pumping system.
- Comfortable working position with the tripod stand.
- Longer piston stroke per pumping and optimized hand force minimizes operator fatigue.
- Supplied in a wooden case with a set of bending shoes and service pack.

Model	Hydraulic Ram Output (Ton)	Ram stroke (mm)	Bending range(O.D.) (mm)	Bending shoes (inch)	G.W. (Kg)	Packing size (cm)
HHW-2J	13	250	Ø21.3-Ø60	1/2" 3/4" 1" 1¼" 1½" 2"	48.2	73×32×20
HHW-3J	20	290	Ø21.3-Ø88.5	1/2" 3/4" 1" 1¼" 1½" 2" 2½" 3"	100.5	94×40×21
HHW-4J	20	370	Ø21.3-Ø108	1/2" 3/4" 1" 1¼" 1½" 2" 2½" 3" 4"	156.8	118×46×25

HHW-1, HHW-2, HHW-3, HHW-4



Characteristics:

- Capable of bending angles from 0° to 90° on pipes ranging from 1/2" to 4".
- Cold bending, no pre-warming of pipe is required.
- Works quicker with the two-speed, heavy-duty hydraulic pumping system.
- Longer piston stroke per pumping and optimized hand force minimizes operator fatigue.
- Heavy duty casters provide mobility on jobsites.
- Supplied in a wooden case with a set of bending shoes and service pack.

Model	Hydraulic Ram Output (Ton)	Ram stroke (mm)	Bending range(O.D.) (mm)	Bending shoes (inch)	G.W. (Kg)	Packing size (cm)
HHW-1	6	150	Ø13-Ø33	1/4" 5/16" 3/8" 1/2" 3/4" 1"	19	50×25×15
HHW-2	13	250	Ø21.3-Ø60	1/2" 3/4" 1" 1¼" 1½" 2"	53	73×32×20
HHW-3	20	290	Ø21.3-Ø88.5	1/2" 3/4" 1" 1¼" 1½" 2" 2½" 3"	117	93×40×21
HHW-4	20	370	Ø21.3-Ø108	1/2" 3/4" 1" 1¼" 1½" 2" 2½" 3" 4"	155	118×46×25

HHW-1A



Characteristics:

- Capable of bending angles from 0° to 90° on pipes ranging from 3/8" to 1".
- Cold bending, no pre-warming of pipe is required.
- Fast and easy setup on the jobsite.
- Simple to use.
- Steel storage box for easy carry from site to site.

Model	Hydraulic Ram Output (Ton)	Ram stroke (mm)	Bending range(O.D.) (mm)	Bending shoes (inch)	G.W. (Kg)	Packing size (cm)
HHW-1A	6	150	Ø16-Ø33	3/8" 1/2" 3/4" 1"	17	43×38×13