

Profile Bender PBH-45



The PBH-45 Profile bender has 45 mm shafts 3 driven rolls driven either by a or a 3-Phase motor and comes with a standard set of section rolls that are configurable and are suitable for most bending applications of square or angular profiles. If you wish to bend round tubes or pipe, we have tools ready to go off the shelf for all common sizes such as 42.2 mm and 48.3 mm outside diameters along with many other sizes being readily available. If you are wanting to bend custom profiles all we need

from you is either a drawing or a piece of the profile and we can quote your custom rolls.

The top roll is a driven roll and its position is adjusted with a hydraulic cylinder. The top roll position is controlled by up and down buttons and its position is displayed on a DRO allowing for the top roll to be accurately positioned thus producing accurate bends. The Profile Bender Machine can be flipped 90 degrees backwards onto its back pads to make larger and longer bending applications easier in the horizontal plane and the roll speed is controlled with a potentiometer. Direction of the rolls are controlled with an easy to use foot pedal pendant.

Technical Specifications

Driven Rolls	3
Top Roll Adjustment	Hydraulic
Rotational Speed of Rollers (rpm)	---
Shaft Diameter (mm)	45
Driving Motor (Hp)	5
Power (50 Hz, 1-Phase & 3-Phase)	220/400V
Shipping Weight (Kg)	480
Total Length (mm)	1200
Total Width (mm)	770
Total Height (mm)	1400



Profile	Capacity (mm)
	60 x 10 to Ø800
	80 x 15 to Ø600
	35 x 35 to Ø800
	Ø35 to Ø700
	Ø60 x 2 to Ø100
	Ø60.3 x 2.9 to Ø1000
	60 x 30 x 3
	45 X 45 X 3
	50 X 50 X 5 to Ø600
	50 X 50 X 5 to Ø700
	60 X 5 to Ø700
	60 X 5 to Ø900
	60 X 5 to Ø900
	60 to Ø800
	60 to Ø1200