

Profile Bender PBH-50



The PBH-50-2 Profile bender has 50 mm shafts and 2 driven bottom rolls driven either by a 1-Phase 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 bearing 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	2
Top Roll Adjustment	Manual
Rotational Speed of Rollers (rpm)	---
Shaft Diameter (mm)	50
Driving Motor (Hp)	3.5
Power (50 Hz, 1-Phase & 3-Phase)	220/400V
Shipping Weight (Kg)	330
Total Length (mm)	940
Total Width (mm)	750
Total Height (mm)	1400



Profile	Capacity (mm)
	60 x 10 to Ø900
	80 x 15 to Ø700
	35 x 35 to Ø1000
	Ø35 to Ø900
	Ø60 x 2 to Ø1100
	Ø48.3 x 2.9 to Ø1000
	50 x 40 x 3
	40 x 40 x 3
	50 x 50 x 5 to Ø800
	50 x 50 Xx5 to Ø950
	50 x 5 to Ø700
	50 x 5 to Ø900
	50 x 5 to Ø900
	60 to Ø900
	60 to Ø1300

