

## Profile Bender PBH-55



The PBH-55 Profile bender has 55 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)	55
Driving Motor (Hp)	7
Power (50 Hz, 1-Phase & 3-Phase)	220/400V
Shipping Weight (Kg)	600
Total Length (mm)	1300
Total Width (mm)	890
Total Height (mm)	1550



Profile	Capacity (mm)
	70 x 12 to Ø1800
	70 x 20 to Ø1000
	45 x 45 to Ø1000
	Ø45 to Ø1000
	Ø70 x 3 to Ø3000
	Ø76.1 x 3.2 to Ø2500
	70 x 30 x 3
	50 x 50 x 3
	50 x 50 x 5 to Ø700
	50 x 50 x 5 to Ø700
	70 x 5 to Ø700
	70 x 5 to Ø900
	70 x 5 to Ø900
	80 to Ø1200
	80 to Ø1200