

Profile Bender PBM-50



The PBM-50 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 is adjusted with a ratchet mechanism and the distance is controlled with a scale on the side of the top roll which can produce accurate bends. The machine flips backwards 90 degrees 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. All Workshoppres.co.uk machines are CE Certified and manufactured according to the most recent directives and come with a CE Certificate.

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 x 5 to Ø950
	50 x 5 to Ø700
	50 x 5 to Ø900
	50 x 5 to Ø900
	60 to Ø900
	60 to Ø1300

Technical Specifications

Driven Rolls	2
Top Roll Adjustment	Manual
Rotational Speed of Rollers (rpm)	---
Shaft Diameter (mm)	50
Driving Motor (Hp)	1.5
Power (50 Hz, 1-Phase & 3-Phase)	220/400V
Shipping Weight (Kg)	290
Total Length (mm)	940
Total Width (mm)	750
Total Height (mm)	1400

