

PBM 50 · 2" Angle Ring and Profile Bending Machine



PBM 50 2" Ring and Profile Bending Machine

Bending metal tubes, pipes, channels or beams is fast and easy with a KAAST PBM machine. We have the right machine for your structural steel fabrication application.

The robust machine frame is constructed of rugged steel, machined after welding for rigidity, and all welds are stress relieved prior to machining. Precision bearings and large shaft diameters minimize deflection for precise bending.

Machines are ensured a long life due to their strong frame and world-class hydraulic and electrical components. The short cycle times are achieved by high torque drive system and machine speed. Flat spots are minimized by close roll stance, powerful guide rolls and hydraulic adjustments. This series also boasts low energy and maintenance costs by friction-free planetary swing guides.



Standard Configuration:

- Modular hardened bending rolls
- Foot pedal
- Tool kit

From \$124/month!

Specifications

Shaft Ø	Ø50 mm (2")
Upper roll Ø	Ø155 mm (6")
Lower roll Ø	Ø155 mm (6")
Motor power	1.5 kW (2 Hp)
Bending speed	4.5 m/min (180"/min)
Dimensions (L/W/H)	750x900x1355 mm (30x36x54")
Weight	390 kg (850 lbs)

Model		PBM 50		
No	Profile Type	Unit	Dimensions	Min. bending diameter
1		mm	35x35 (1.4x1.4"), 40x10 (1.5x0.4")	900 (36"), 300 (12")
2		mm	60x10 (2.4x0.4"), 40x10 (1.5x0.4")	500 (20"), 400 (16")
3		mm	100x15 (4x0.5"), 60x10 (2.4x0.4")	450 (18"), 350 (14")
4		mm	UPN 80 (3.1"), UPN 60 (2.4")	1000 (40"), 700
5		mm	UPN 80 (3.1"), UPN 30 (1.2")	1200 (48"), 800 (32")
6		mm	60x7 (2.4x0.27"), 50x6 (2x0.25")	700 (28"), 500 (20")
7		mm	60x7 (2.4x0.27"), 50x6 (2x0.25")	700 (28"), 500 (20")
8		mm	50x3 (2x0.1"), 40x3 (1.5x0.1")	1700 (67"), 600
9		mm	70x30x2 (2.7x1.2x0.08") 50x40x3 (2x1.5x0.1")	1200 (48"), 1200 (48")
10		mm	Ø35 (1.4"), Ø30 (1.2")	600 (24"), 400 (16")
11		mm	Ø70x2 (2.75x0.08") Ø30x2 (1.2x0.08")	1000 (40"), 500 (20")
12		mm	Ø2" x 0.11", Ø1" x 0.09"	1000 (40"), 350
13		mm	50x50x6 (2x2x0.25") 30x30x3 (1.2x1.2x0.1")	1000 (40"), 500 (20")
14		mm	50x50x5 (2x2x0.2") 40x40x5 (1.5x1.5x0.2")	1000 (40"), 600

*Based on 60 month lease. Rates subject to change without notice.



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