PBH 80 • 3"
Profile Bending Machine

These machines are specifically designed for circular bending of metal profiles, angles, rings and tubes and can be operated either vertically or horizontally. The standard set of bending rolls are suitable for bending square, flat, angle and shaped profiles. The PBH ring roller can also be fitted with custom rolls for bending tubes and other round profiles.

- 3 roll drive standard
- 2 hydraulically adjustable bottom rollers

Specifications

Upper roll shaft diameter	Ø80 (3.1")
Lower roll shaft diameter	Ø70 (2.75")
Upper roll diameter	Ø245 (9.6")
Side rolls diameter	Ø245 (9.6")
Main drive motor	4 (5 Hp)
Bending speed	6m/min (235"/min)
Dimensions (LxWxH)	950x1400x1300 (38x56x52")
Weight	1700 (3,700 lbs)

No	Profile Type	Unit	Dimensions	Min bending Diameter
1		mm	45x45 (1.75x1.75") 15x15 (0.6x0.6")	Ø500 (20") Ø380 (15")
2		mm	80x15 (3.1x0.6") 30x10 (1.2x0.4")	Ø700 (28") Ø300 (12")
3		mm	125x25 (5x1") 60x5 (2.4x0.2")	Ø600 (24") Ø300 (12")
4		mm	UPN 100 (4") UPN 30 (1.2")	Ø600 (24") Ø300 (12")
5		mm	UPN 100 (4") UPN 30 (1.2")	Ø500 (20") Ø300 (12")
6		mm	80x9 (3.1x0.35") 30x4 (1.2x0.15")	Ø800 (32") Ø300 (12")
7		mm	80x9 (3.1x0.35") 25x3.5 (1x0.14")	Ø800 (32") Ø280 (11")
8		mm	70x8 (2.75x0.3") 25x3.5 (1x0.14")	Ø800 (32") Ø280 (11")
9		mm	70x3 (2.75x0.1") 25x2 (1x0.08")	Ø1300 (51") Ø400 (16")
10		mm	80x25x3 (3.1x1x0.1") 25x15x2 (1x1x0.08")	Ø800 (32") Ø350 (14")
11		mm	Ø50 (2") Ø15 (0.6")	Ø500 (20") Ø380 (14")
12		mm	Ø100x2.5 (4x0.1") Ø15x1 (0.6x0.04")	Ø1200 (48") Ø380 (14")
13		mm	Ø76x5 (3x0.2") Ø12.7x2.5 (0.5x0.1")	Ø800 (32") Ø380 (14")
14		mm	80x80x8 (3x3x0.3") 30x30x3 (1.2x1.2x0.12")	Ø800 (32") Ø450 (18")
15		mm	70x70x7 (2.75x2.75x0.27") 30x30x3 (1.2x1.2x0.12")	Ø700 (28") Ø450 (18")
16		mm	IPN 120 (4.75") IPN 80 (3.1")	Ø600 (24") Ø400 (16")

Standard Configuration

- Digital read out of roll positions
- Hardened modular bending dies
- Sturdy welded steel construction
- Mechanical guide rollers
- Rolling control panel

From $508*/month!

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