KAAST

PBH

100 | 120

Angle and Ring Roller, Circular Profile Bending Machine

STANDARD CONFIGURATION

- 2-Axes Digital Readout (DRO)
- Mobile Control Panel
- Standard Bending Rolls
- Sturdy Welded Steel Construction
- 2 Bending Speeds
- 3-Axis Hydraulic Guide Rollers (PBH 120)
- Mechanical Adjustment (PBH 100)
- Tool Kit

OPTIONAL CONFIGURATION

- NC EasyView Control
- Special Dies
- Infinitely Adjustable Bending Speed
- Oil/Air Cooling

The PBH's **teach-in mode** allows all operator movements and commands during bending to be recorded and replayed automatically. **Stored programs**—up to 48 with **1000 steps each**—can be edited for precise bend results. It includes **digital displays** for side rollers and **horizontal or vertical orientation**.

PBH		100	120
		3.9" Shaft Ø	4.75" Shaft Ø
Shaft Diameter	mm	Ø100 (3.9")	Ø120 (4.75")
Roll Diameter	mm	Ø315 (12.5")	Ø390 (15.4")
Main Drive Motor	kW	7.5 (10 Hp)	15 (20 Hp)
Bending Speed	m/min	7 (275"/min)	2–7.5 (78-295"/min)
Dimensions (L/W/H)	mm	2000x1450x1700 (79x57x67")	2000x1650x1900 (79x65x75")
Weight	kg	3650 (8,000 lbs)	4770 (10,400 lbs)
Item No.		9312005	9312006

PBH			100		120	
No	Profile Type	Unit	Dimensions	Min Bend Dia	Dimensions	Min Bend Dia
1		mm	60 (2.4") 15 (0.6")	Ø750 (30") Ø400 (16")	65 (2.5") 20 (0.75")	Ø750 (30") Ø500 (20")
2		mm	100x20 (4x0.78") 30x10 (1.2x0.4")	Ø800 (31.5") Ø400 (16")	125x25 (5x1") 30x10 (1.2x0.4")	Ø1200 (47") Ø500 (20")
3		mm	160x35 (6.3x1.3") 80x5 (3.1x0.2")	Ø800 (31.5") Ø400 (16")	200x50 (8x2") 100x10 (4x0.4")	Ø1000 (40") Ø500 (20")
4		mm	UPN 180 (7") UPN 30 (1.2")	Ø900 (35.4") Ø400 (16")	UPN 180 (7") UPN 40 (1.5")	Ø800 (32") Ø500 (20")
5		mm	UPN 180 (7") UPN 30 (1.2")	Ø1000 (40") Ø400 (16")	UPN 180 (7") UPN 40 (1.5")	Ø800 (32") Ø500 (20")
6		mm	100x11 (4x0.4") 30x4 (1.2x0.15")	Ø1000 (40") Ø400 (16")	100x11 (4x0.4") 30x4 (1.2x0.15")	Ø800 (32") Ø500 (20")
7		mm	100x11 (4x0.4") 30x4 (1.2x0.15")	Ø1000 (40") Ø400 (16")	100x11 (4x0.4") 30x4 (1.2x0.15")	Ø800 (32") Ø500 (20")
8		mm	90x10 (3.5x0.4") 30x4 (1.2x0.15")	Ø1000 (40") Ø400 (16")	100x11 (4x0.4") 30x4 (1.2x0.15")	Ø1000 (40") Ø500 (20")
Special Design Bending Rolls						
9		mm	80x5 (3.1x0.2") 25x2 (1x0.08")	Ø1500 (60") Ø450 (18")	90x5 (3.5x0.2") 30x3 (1.2x0.12")	Ø1800 (71") Ø500 (20")
10		mm	100x40x4 (4x1.5x0.15") 25x15x2 (1x0.6x0.08")	Ø1300 (52") Ø450 (18")	120x40x4 (4.75x1.5x0.15") 30x20x3 (1.2x0.75x0.12")	Ø1800 (71") Ø500 (20")
11		mm	Ø75 (3") Ø15 (0.6")	Ø800 (31.5") Ø450 (18")	Ø80 (3.1") Ø20 (0.75")	Ø850 (34") Ø500 (20")
12		mm	Ø125x2.5 (5x0.1") Ø15x1 (0.6x0.04")	Ø1400 (55") Ø450 (18")	Ø140x3 (5.5x0.12") Ø50x2 (2x0.08")	Ø1500 (60") Ø500 (20")
13		mm	Ø4x4.5 (0.15x0.18") Ø0.5x2.77 (0.02x0.1")	Ø2500 (98") Ø450 (18")	Ø5x6.35 (0.2x0.25") Ø0.75x2.87 (0.03x0.1")	Ø1500 (60") Ø500 (20")
14		mm	100x100x12 (4x4x0.5") 40x40x4 (1.5x1.5x0.15")	Ø1000 (40") Ø700 (28")	120x120x12 (4.75x4.75x0.5") 40x40x4 (1.5x1.5x0.15")	Ø1200 (47") Ø600 (24")
15		mm	100x100x10 (4x4x0.4") 40x40x4 (1.5x1.5x0.15")	Ø1500 (60") Ø550 (22")	100x100x10 (4x4x0.4") 40x40x4 (1.5x1.5x0.15")	Ø1200 (47") Ø600 (24")
16		mm	IPN 180 (7") IPN 80 (3.1")	Ø1000 (40") Ø400 (16")	IPN 220 (8.5") IPN 80 (3.1")	Ø1000 (40") Ø500 (20")
17		mm	HEB 100 (4") HEA 120 (4.75")	Ø1000 (40") Ø1200 (47")	HEB 120 (4.75") HEA 140 (5.5")	Ø1200 (48") Ø1200 (48")

*The above specifications are subject to change without prior notice. No liability for printing mistakes. Machine may be shown with optional equipment.