



Ring and profile bending machine

PBH 100 • 120

Machine for circular bending of metal profiles

Optional configuration

- Special dies
- Infinitely adjustable bending speed
- Oil/air cooling
- NC EasyView control

Semi-automatic control NC EasyView (option)

- All movements, processes and commands of the operator during the bending process can be recorded in the teach-in mode and then recalled and played back automatically at any time
- To achieve the required bending results, all stored data can be edited
- Memory for 48 bending programs with 1000 steps each
- Digital display for the side roller positions
- Horizontal or vertical machine orientation
- Hydraulic adjustable bottom rolls
- 3 rollers are driven by hydraulic motors and planetary gears
- Hardened shafts



Standard configuration

- ✓ Standard bending rolls
- ✓ Sturdy welded steel construction
- ✓ Mobile control panel
- ✓ 2 bending speeds
- ✓ Tool kit
- ✓ Digital display (2 axes)
- ✓ Hydraulic guide rollers adjustable in 3 axes (PBH 120)
- ✓ Mechanical adjustment (PBH 100)
- ✓ Operation manual

Specifications	PBH 100		PBH 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	1465x2000x1700 (58x79x67")		1400x1400x1700 (56x56x67")
Weight	kg	3650 (8,000 lbs)		4770 (10,400 lbs)
Item No.		9312005		9312006

Model			PBH 100		PBH 120		Scope of supply
No	Profile type	Unit	Dimensions	Min. bending diameter	Dimensions	Min. bending diameter	
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 (4x0.75") 30x10 (1.2x0.4")	Ø1000 (40") Ø400 (16")	125x20 (5x0.75") 30x10 (1.2x0.4")	Ø1200 (48") Ø500 (20")	+
3		mm	160x35 (6.3x1.3") 80x5 (3.1x0.2")	Ø800 (32") Ø400 (16")	180x40 (7x1.5") 100x10 (4x0.4")	Ø1000 (40") Ø500 (20")	+
4		mm	UPN 160 (6.3") UPN 30 (1.2")	Ø800 (32") Ø400 (16")	UPN 180 (7") UPN 40 (1.5")	Ø800 (32") Ø500 (20")	+
5		mm	UPN 160 (6.3") UPN 30 (1.2")	Ø800 (32") 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")	+
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 (32") Ø450 (18")	Ø80 (3.1") Ø20 (0.75")	Ø850 (34") Ø500 (20")	⊕
12		mm	Ø125x2.5 (5x0.1") Ø15x1 (0.6x0.04")	Ø1400 (56") Ø450 (18")	Ø140x3 (5.5x0.12") Ø20x1 (0.75x0.04")	Ø1500 (60") Ø500 (20")	⊕
13		mm	Ø4x0.25" Ø0.5x0.1"	Ø1000 (40") Ø450 (18")	Ø5x0.25" Ø0.75x0.1"	Ø1500 (60") Ø500 (20")	⊕
14		mm	100x100x12 (4x4x0.5") 40x40x4 (1.5x1.5x0.15")	Ø1000 (40") Ø700 (28")	120x120x12 (4.7x4.7x0.5") 40x40x4 (1.5x1.5x0.15")	Ø1200 (48") Ø600 (24")	⊕
15		mm	100x100x12 (4x4x0.5") 40x40x4 (1.5x1.5x0.15")	Ø1000 (40") Ø550 (22")	100x100x10 (4x4x0.4") 40x40x4 (1.5x1.5x0.15")	Ø1500 (60") Ø600 (24")	⊕
16		mm	IPN 180 (7") IPN 80 (3.1")	Ø1000 (40") Ø400 (16")	IPN 200 (8") IPN 80 (3.1")	Ø1200 (48") Ø500 (20")	⊕
17		mm	HEB 100 (4") HEA 100 (4")	Ø1200 (48") Ø2000 (78")	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.