



Profile bending machine

PBH

Machine for circular bending of metal profiles



Standard configuration

- Modular hardened 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
 - Operation manual
- Digital display for the side roller positions
 - Horizontal or vertical orientation of the machine
 - 2 hydraulically adjustable bottom rollers
 - 3 rollers are driven by hydraulic motors and planetary gear
 - Hardened shafts from special steel

Optional configuration

- Special dies
- Oil/air cooling
- Variable speed
- NC EasyView control

Specifications		PBH 160	PBH 180	PBH 300
		6.3" shaft Ø	7" shaft Ø	11.8" shaft Ø
Shaft diameter	mm	Ø160 (6.3")	Ø180 (7")	Ø300 (11.8")
Roll diameter	mm	Ø470 (18.5")	Ø560 (22")	Ø800 (31.5")
Main drive motor	kW	22 (30 Hp)	30 (40 Hp)	73 (100 Hp)
Bending speed	m/min	2-4 (78-160"/min)	3-6 (118-235"/min)	2-4 (78-160")
Dimensions (L/W/H)	mm	2500x2150x2100 (99x85x83")	3000x2200x2200 (120x87x87")	4000x4300x3300 (158x170x130")
Weight	kg	10700 (23,500 lbs)	12000 (26,400 lbs)	40000 (88,000 lbs)
Item No.		9312007	9312008	9312011

Model			PBH 160	PBH 180	PBH 300				
No	Profile type	Unit	Dimensions	Min. bending diameter	Dimensions	Min. bending diameter	Dimensions	Min. bending diameter	Scope
1		mm	90 (3.5") 30 (1.2")	Ø1500 (60") Ø700 (28")	110 (4.3")	Ø2000 (78")	180 (7")	Ø2500 (98")	+
2		mm	140x40 (5.5x1.5") 50x10 (2x0.4")	Ø2500 (99") Ø700 (28")	180x30 (7x1.2")	Ø2500 (98")	250x10 (10x4")	Ø3000 (120")	+
3		mm	280x50 (11x2") 120x15 (4.75x0.6")	Ø2000 (78") Ø700 (28")	280x60 (11x2.4")	Ø2000 (78")	500x100 (20x4")	Ø2500 (98")	+
4		mm	UPN 300 (12")	Ø2000 (78")	UPN 350 (13.75")	Ø2500 (98")	UPN 550 (21.5")	Ø3500 (138")	+
5		mm	UPN 300 (12")	Ø2500 (99")	UPN 350 (13.75")	Ø3000 (120")	UPN 550 (21.5")	Ø4000 (158")	+
6		mm	150x15 (6x0.6")	Ø2000 (78")	160x20 (6.3x0.75")	Ø2500 (98")	250x25 (10x1")	Ø3000 (120")	+
7		mm	150x15 (6x0.6")	Ø2000 (78")	160x20 (6.3x0.75")	Ø2500 (98")	250x25 (10x1")	Ø3000 (120")	+
8		mm	130x15 (5.1x0.6")	Ø2500 (99")	150x20 (6x0.75")	Ø3000 (120")	220x22 (8.6x0.8")	Ø4000 (158")	+
9		mm	120x120x8 (4.75x4.75x0.3") 40x3 (1.5x0.12")	Ø3000 (120") Ø700 (28")	150x150x8 (6x6x0.3")	Ø4500 (177")	260x260x14 (10x10x0.5")	Ø8000 (315")	⊕
10		mm	150x50x5 (6x2x0.2") 60x30x3 (2.4x1.2x0.12")	Ø3000 (120") Ø700 (28")	200x100x8 (8x4x0.3")	Ø5000 (196")	400x200x10 (15.75x7.8x0.4")	Ø10000 (400")	⊕
11		mm	Ø90 (3.5") Ø30 (1.2")	Ø1800 (72") Ø700 (28")	Ø110 (4.3")	Ø2000 (78")	Ø200 (7.8")	Ø5000 (197")	⊕
12		mm	Ø150x4 (6x0.15") Ø30x2 (1.2x0.08")	Ø3000 (120") Ø700 (28")	Ø200x4 (8x0.15")	Ø8000 (315")	Ø350x6 (13.75x0.25")	Ø10000 (400")	⊕
13		mm	Ø6x0.28" Ø1x0.15"	Ø3000 (120") Ø700 (28")	Ø8x0.3"	Ø4000 (157")	Ø12x0.5"	Ø8000 (315")	⊕
14		mm	150x18 (6x0.7") 50x5 (2.0x2")	Ø2200 (87") Ø70 (28")	180x20 (7x0.75")	Ø2500 (98")	250x25 (10x1")	Ø4000 (158")	⊕
15		mm	150x15 (6x0.6") 50x5 (2x0.2")	Ø3000 (120") Ø700 (28")	180x15 (7x0.75")	Ø3000 (120")	250x20 (10x1")	Ø4500 (178")	⊕
16		mm	IPN 300 (12")	Ø2500 (99")	IPN 360 (14")	Ø3000 (120")	IPN 550 (21.5")	Ø4000 (158")	⊕
17		mm	HEB 180 (7") HEA 180 (7")	Ø3000 (120") Ø2000 (78")	HEB 200 (8")	Ø2500 (98")	HEB 500 (20")	Ø5000 (197")	⊕
18		mm	UPN 160 (6.3") UPN 80 (3.1")	Ø5000 (196") Ø2000 (78")	UPN 220 (8.5")	Ø8000 (315")	UPN 300 (12")	Ø15000 (590")	⊕
19		mm	IPN 180 (7") IPN 100 (4")	Ø4000 (157") Ø2000 (78")	IPN 220 (8.5")	Ø5000 (196")	IPN 360 (14") HEB 280 (11")	10000 (400") 10000 (400")	⊕

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

Material: St. 37. + = Standard bending rolls. ⊕ = Special-design bending rolls.