



# Hydraulic 4-roll plate bending machine

## RBD-4H



- For light and medium bending of steel, aluminum and stainless
- Solid welded construction
- All rolls are mated to high-quality, heavy-duty ball bearings, which ensures minimum friction and even rotation of the bending rollers

### Standard configuration

- Pinch roll and lateral rolls move with pyramid linear direct movement by hydraulic pistons
- Overload protection
- Top roll is powered by electrical motor and planetary gearbox. Bottom roll powered with cardan joint system (two rolls powered)
- Three digital readouts for easy roll positioning
- Hydraulic drop-end for easy removal of finished cylinder
- Easy operation with mobile control panel
- Welded, heavy steel frame
- Induction hardened rolls made of SAE 1050 (CK 45) steel
- Conical bending device
- Hydraulic balancing system

### Optional configuration

- NC control system for bend automation
- Overhead crane for large diameters
- Hydraulic lateral side supports for large diameters
- Ground and polished rolls
- Two speed system

Specifications		RBD-4H				
		650/3.5	1050/2.5	1270/7	1550/6.5	2050/10
		2' x 1/8"	3' x 12 Ga	4' x 1/4"	5' x 1/4"	6' x 3/8"
Bending length	mm	650 (25")	1050 (41")	1270 (50")	1550 (61")	2050 (81")
Bending capacity	mm	3.5 (0.13")	2.5 (0.1")	7 (0.27")	6.5 (0.25")	10 (0.39")
Pre-bend capacity	mm	3 (0.11")	2 (0.07")	5 (0.19")	4.5 (0.17")	8 (0.31")
Top & bottom rollers	mm	Ø 80 (3")	Ø 80 (3")	Ø 150 (6")	Ø 150 (6")	Ø 200 (8")
Side rollers	mm	Ø 80 (3")	Ø 80 (3")	Ø 130 (5")	Ø 130 (5")	Ø 180 (7")
Min. Internal Diameter	mm	400 (16")	400 (16")	750 (30")	750 (30")	1000 (39")
Main motor power	kW	1.1 (1.4 Hp)	1.1 (1.4 Hp)	2.2 (2.9 Hp)	2.2 (2.9 Hp)	4 (5.3 Hp)
Working speed	m/min	5 (3.2"/sec)	5 (3.2"/sec)	6 (3.9"/sec)	6 (3.9"/sec)	6 (3.9"/sec)
Dimensions (L/W/H)	mm	1950x950x960 (77x37x38")	2350x950x960 (92x37x38")	3020x1150x1110 (119x45x44")	3300x1150x1110 (130x45x44")	3850x1350x1290 (151x53x51")
Weight	kg	950 (2,090 lbs)	1150 (2,530 lbs)	2155 (4,750 lbs)	2370 (5,225 lbs)	3750 (8,270 lbs)
Item No.		<b>9412400</b>	<b>9412401</b>	<b>9412402</b>	<b>9412403</b>	<b>9412404</b>

Specifications		RBD-4H			
		2550/10	3100/6	3100/12	4100/10
		8' x 3/8"	10' x 3/16"	10' x 1/2"	13' x 3/8"
Bending length	mm	2550 (100")	3100 (122")	3100 (122")	4100 (161")
Bending capacity	mm	10 (0.39")	6 (0.23")	12 (0.47")	10 (0.39")
Pre-bend capacity	mm	8 (0.31")	4 (0.15")	10 (0.39")	8 (0.31")
Top & bottom rollers	mm	Ø 250 (10")	Ø 200 (8")	Ø 275 (11")	Ø 300 (12")
Side rollers	mm	Ø 200 (8")	Ø 180 (7")	Ø 220 (9")	Ø 250 (10")
Min. Internal Diameter	mm	1250 (49")	1000 (39")	1375 (54")	1500 (59")
Main motor power	kW	7.5 (10 Hp)	4 (5 Hp)	11 (15 Hp)	11 (15 Hp)
Working speed	m/min	5 (3.3"/sec)	6 (3.9"/sec)	5 (3.3"/sec)	5 (3.3"/sec)
Dimensions (L/W/H)	mm	4500x1500x1370 (177x59x54")	4850x1350x1290 (191x53x51")	5400x1600x1800 (212x63x71")	6400x1800x1950 (252x71x77")
Weight	kg	6100 (13,450 lbs)	4750 (10,470 lbs)	10500 (23,150 lbs)	13500 (29,760 lbs)
Item No.		<b>9412405</b>	<b>9412406</b>	<b>9412407</b>	<b>9412408</b>

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