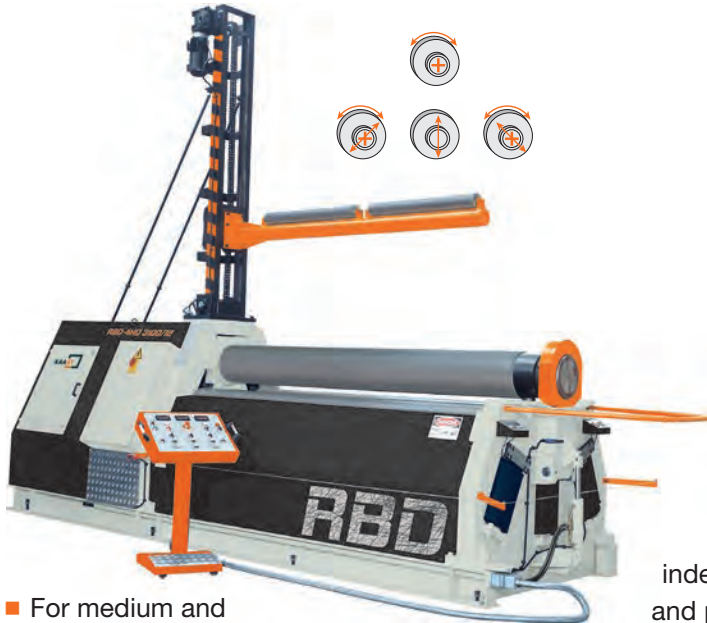


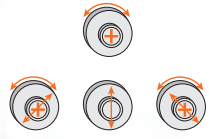


Hydraulic 4-roll bending machine

RBD-4HD

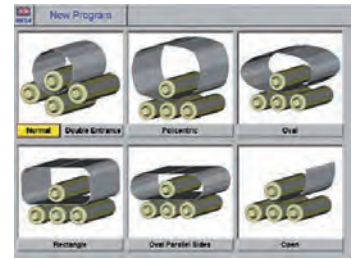
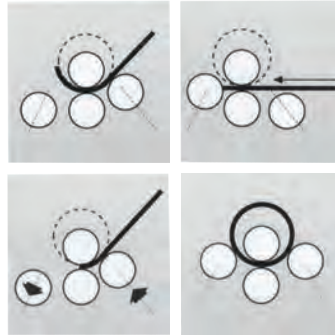


- For medium and heavy bending tasks
- The frame is of solid welded construction
- All rollers have high-quality, heavy-duty ball bearings, which ensures minimum friction and even rotation of the bending rollers
- Hydraulic roller is driven by



Standard configuration

- Overload protection
- Hydraulic top and side rolls (3 pcs.)
- Digital readout for top and side rolls
- Hydraulic closure for easy removal of bent parts
- Welded, heavy steel frame
- Induction hardened
- rolls made of SAE 1050 (CK 45) steel
- Conical bending device
- Automatic lubrication
- Electronic/mechanical balancing device
- 2 bending speeds
- Operation manual



- independent drive motors and planetary gearboxes
- Because the planet gears are mounted directly on the rollers, the transmission of force takes place without loss of force or power
- The simultaneous use of torsion bars and hydraulic units ensure maximum machining accuracy and production flexibility



Specifications		RBD-4HD									
		2050/20	2050/25	2050/30	2550/16	2550/20	2550/25	2550/30	2550/45	3100/12	3100/16
		6' x 0.75"	6' x 1"	6' x 1.15"	8' x 0.6"	8' x 0.75"	8' x 1"	8' x 1.15"	8' x 1.75"	10' x 0.45"	10' x 0.6"
Bending length	mm	2050 (80")				2550 (99")				3100 (120")	
Bending capacity*	mm	20 (0.75")	25 (1")	30 (1.15")	16 (0.6")	20 (0.75")	25 (1")	30 (1.15")	45 (1.75")	12 (0.45")	16 (0.6")
Pre-bending capacity*	mm	16 (0.6")	20 (0.75")	25 (1")	12 (0.45")	16 (0.6")	20 (0.75")	25 (1")	35 (1.35")	10 (0.4")	12 (0.45")
Top & bottom rolls	mm	Ø 280 (11")	Ø 320 (12.5")	Ø 350 (13.5")	Ø 280 (11")	Ø 320 (12.5")	Ø 350 (13.5")	Ø 380 (14.5")	Ø 460 (18")	Ø 280 (11")	Ø 320 (12.5")
Side rolls	mm	Ø 220 (8.5")	Ø 240 (9.5")	Ø 260 (10")	Ø 220 (8.5")	Ø 220 (8.5")	Ø 260 (10")	Ø 300 (11.5")	Ø 380 (14.5")	Ø 220 (8.5")	Ø 240 (9.5")
Main motor	kW	15 (20 Hp)	18.5 (25 Hp)	22 (30 Hp)	15 (20 Hp)	18.5 (25 Hp)	22 (30 Hp)	30 (40 Hp)	38.5 (50 Hp)	15 (20 Hp)	18.5 (25 Hp)
Weight	kg	8550 (18,810 lbs)	10240 (22,500 lbs)	11000 (24,200 lbs)	9200 (20,240 lbs)	11000 (24,200 lbs)	13000 (28,600 lbs)	14000 (30,800 lbs)	22500 (49,500 lbs)	10000 (22,000 lbs)	13000 (28,600 lbs)
Item No.		9412140	9412141	9412142	9412143	9412144	9412145	9412146	9412147	9412148	9412149

Specifications		RBD-4HD									
		3100/20	3100/25	3100/30	3100/45	3100/60	4100/8	4100/12	4100/16	4100/20	4100/40
		10' x 0.75"	10' x 1"	10' x 1.15"	10' x 1.75"	10' x 2.35"	13' x 0.3"	13' x 0.45"	13' x 0.6"	13' x 0.75"	13' x 1.5"
Bending length	mm	3100 (120")					4100 (160")				
Bending capacity*	mm	20 (0.75")	25 (1")	30 (1.15")	45 (1.75")	60 (2.35")	8 (0.3")	12 (0.45")	16 (0.6")	20 (0.75")	40 (1.5")
Pre-bending capacity*	mm	16 (0.6")	20 (0.75")	20 (0.75")	35 (1.3")	45 (1.75")	6 (0.25")	10 (0.4")	12 (0.45")	16 (0.6")	30 (1.15")
Top & bottom rolls	mm	Ø 350 (13.5")	Ø 380 (14.5")	Ø 400 (15.5")	Ø 500 (19.5")	Ø 580 (22.5")	Ø 280 (11")	Ø 350 (13.5")	Ø 380 (14.5")	Ø 400 (15.5")	Ø 550 (21")
Side rolls	mm	Ø 260 (10")	Ø 300 (11.5")	Ø 300 (11.5")	Ø 400 (15.5")	Ø 450 (17.5")	Ø 220 (8.5")	Ø 260 (10")	Ø 300 (11.5")	Ø 300 (11.5")	Ø 450 (17.5")
Main motor	kW	22 (30 Hp)	30 (40 Hp)	38.5 (50 Hp)	45 (60 Hp)	73 (100 Hp)	15 (20 Hp)	22 (30 Hp)	30 (40 Hp)	38.5 (50 Hp)	66 (90 Hp)
Weight	kg	15000 (33,000 lbs)	18000 (39,600 lbs)	20000 (44,000 lbs)	36000 (79,200 lbs)	55000 (121,000 lbs)	13000 (28,600 lbs)	19000 (41,800 lbs)	22000 (48,400 lbs)	25000 (55,000 lbs)	54000 (118,800 lbs)
Item No.		9412150	9412151	9412152	9412153	9412154	9412155	9412156	9412157	9412158	9412159

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

** Bending capacities are given for 24 kg/mm² yielding strength, minimum dia. top roll x 5 (For cone, bending capacities needs to be reduced. Call for details.)



These state-of-the-art hydraulic 4 roll benders use top brand components like Siemens, Rexroth, Bosch, Parker, Atos, Telemecanique, SKF, NSK and FAG to ensure high-quality

lifelong performance. Over 50 years of experience in sheetmetal bending and thousands of reference customers will guarantee you first class support in any application or maintenance question. With our optional extras you can upgrade the level of automation, which will raise your production and flexibility. Our machines are widely used in shipbuilding, tank and truck industries. Also in the wind-power sector, food and construction sectors.



Optional CNC control

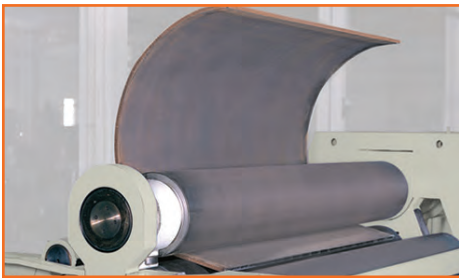


Manual control

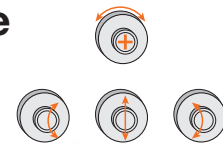


Optional configuration

- NC or CNC control system for bend automation
- Central overhead support
- Lateral supports
- Material feeding
- Continuous bending speed
- Hydraulic work piece ejector
- Ground and polished rolls
- Small top roller for minimum bending radii

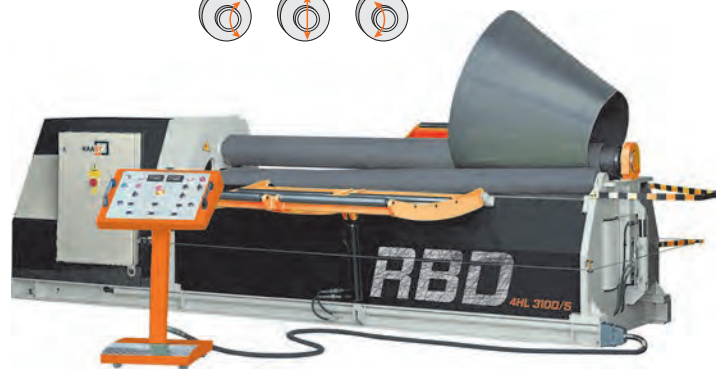


Hydraulic 4-roll bending machine RBD-4HL



Standard configuration

- Overload protection
- Hydraulic top and side rolls (3 pcs.)
- Digital readout for top and side rolls
- Hydraulic closure for easy removal of bent parts
- Welded, heavy steel frame
- Induction hardened rolls made of SAE 1050 (CK 45) steel
- Conical bending device
- Automatic lubrication
- Electronic/mechanical balancing device
- 2 bending speeds
- Operation manual



Specifications	RBD-4HL									
	1050/8	1550/8	2050/4	2050/8	2050/13	2550/6	2550/13	3100/5	3100/8	3100/10
	3' x 0.3"	5' x 0.3"	6' x 0.15"	6' x 0.3"	6' x 0.5"	8' x 0.25"	8' x 0.5"	10' x 0.2"	10' x 0.3"	10' x 0.4"
Bending length	mm 1050 (41")	1550 (60")	2050 (80")		2550 (100")			3100 (120")		
Bending capacity*	mm 8 (0.3")	8 (0.3")	4 (0.15")	8 (0.3")	13 (0.5")	6 (0.25")	13 (0.5")	5 (0.2")	8 (0.3")	10 (0.4")
Pre-bending capacity*	mm 6 (0.25")	6 (0.25")	3 (0.12")	6 (0.25")	10 (0.4")	4 (0.15")	10 (0.4")	3 (0.12")	6 (0.25")	8 (0.3")
Top & bottom rolls	mm Ø 150 (5.85")	Ø 170/160 (6.5/6.25")	Ø 150 (5.85")	Ø 190 (7.25")	Ø 245 (9.5")	Ø 190 (7.25")	Ø 260 (10")	Ø 190 (7.25")	Ø 245 (9.5")	Ø 260 (10")
Side rolls	mm Ø 130 (5")	Ø 150 (5.85")	Ø 130 (5")	Ø 150 (5.85")	Ø 180 (7")	Ø 150 (5.85")	Ø 200 (7.8")	Ø 150 (5.85")	Ø 180 (7")	Ø 200 (7.8")
Main motor	kW 4 (5.5 Hp)	4 (5.5 Hp)	4 (5.5 Hp)	5.5 (7.5 Hp)	7.5 (10 Hp)	5.5 (7.5 Hp)	7.5 (10 Hp)	5.5 (7.5 Hp)	7.5 (10 Hp)	7.5 (10 Hp)
Weight	kg 1850 (4,070 lbs)	2500 (5,500 lbs)	2650 (5,830 lbs)	3500 (7,700 lbs)	5300 (11,660 lbs)	4000 (8,800 lbs)	6740 (14,800 lbs)	4500 (9,900 lbs)	6600 (14,500 lbs)	7480 (16,500 lbs)
Item No.	9412160	9412161	9412162	9412163	9412164	9412165	9412166	9412167	9412168	9412169

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

** Bending capacities are given for 24 kg/mm² yielding strength, minimum dia. top roll x 5 (For cone, bending capacities needs to be reduced. Call for details.)