

TECHNICAL DATASHEET

RBD-3M

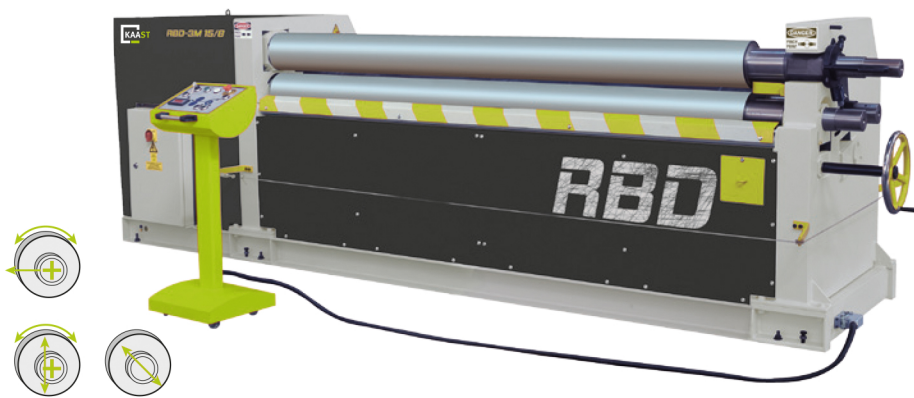
THREE-ROLL PLATE-ROLL





- Top & bottom rolls driven by electric motor and chain
- Position of the top roll is fixed via a locking lever
- Conical bending is realized via a coupling which is mounted on the shaft of the side roller drive
- Fixed top roll, movable bottom and side rolls
- Wire grooves on the bottom roll
- Left-right rotation on dual footswitch
- Manual adjustment of the side roller to control bending

Technical specifications		RBD-3M								
		10/4.0	10/5.0	12/4.0	12/5.0	15/3.0	15/4.0	20/2.0	20/2.5	20/3.0
Length of rolls	mm	1050 (41")			1050 (41")		1550 (61")			2050 (80")
Max. thickness	mm	4.0 (0.15")	5.0 (0.2")	4.0 (0.15")	5.0 (0.2")	3.0 (0.11")	4.0 (0.15")	2.0 (0.07")	4 (0.15")	2.5 (0.09")
Diameter of rolls	mm	Ø 110 (4.3")	Ø 130 (5.1")	Ø 120 (4.7")	Ø 140 (5.5")	Ø 110 (4.3")	Ø 140 (5.5")	Ø 110 (4.3")	Ø 140 (5.5")	Ø 140 (5.5")
Bending speed	m/min	8 (315"/min)								
Motor power	kW	2.2 (3 Hp)								
Length	mm	2200 (87")		2470 (98")		2700 (107")		3200 (126")		3700 (147")
Width	mm	750 (30")								
Height	mm	1000 (40")								
Weight	kg	990 (2178 lbs)	1200 (2600 lbs)	1110 (2442 lbs)	1350 (2970 lbs)	1200 (2600 lbs)	1420 (3100 lbs)	1380 (3000 lbs)	1650 (3600 lbs)	1850 (4000 lbs)
Item-No.		9401005	9401006	9401007	9401008	9401009	9401010	9401011	9401012	9401013



Standard configuration:

- ✓ Movable control panel
- ✓ Cable safety system
- ✓ Fine bending with motor brake
- ✓ Rolls made out of SAE 1050 (CK 45) steel
- ✓ Automatic lubrication (from RBD 3M 10/7)
- ✓ Motorized rear roller adjustment (from RBD 3M 10/7)
- ✓ Operation manual

Optional configuration:

- Digital roll position display
- Longer rolls & roll formers
- Induction hardened bending rolls

Technical specifications		RBD-3M									
		10/7	10/10	15/7	15/9	20/6	20/7	25/6	30/4	30/5	
Length of rolls	mm	1050 (41")			1550 (61")		2050 (80")			2550 (101")	3050 (120")
Max. pre-bend thickness	mm	6 (0.25")	9 (0.35")	6 (0.25")	8 (0.31")	5 (0.2")	6 (0.25")	5 (0.2")	3 (11Ga)	4 (0.15")	
Max. thickness	mm	7 (0.27")	10 (0.4")	7 (0.27")	9 (0.35")	6 (0.25")	7 (0.27")	6 (0.25")	4 (0.15")	5 (0.2")	
Diameter of rolls	mm	Ø 130 (5.1")	Ø 190 (7.5")	Ø 150 (6")	Ø 190 (7.5")	Ø 170 (6.7")	Ø 190 (7.5")	Ø 190 (7.5")	Ø 190 (7.5")	Ø 200 (7.8")	
Min. bending diameter	mm	Ø 195 (7.7")	Ø 285 (11.2")	Ø 225 (8.9")	Ø 285 (11.2")	Ø 255 (10")	Ø 285 (11.2")	Ø 285 (11.2")	Ø 285 (11.2")	Ø 300 (11.8")	
Motor power	kW	2.2 (3 Hp)	4 (5 Hp)	3 (4 Hp)	4 (5 Hp)	4 (5 Hp)	4 (5 Hp)	4 (5 Hp)	4 (5 Hp)	4 (5 Hp)	
Motor of rear roll	kW	1.1 (1.5 Hp)	1.5 (2 Hp)	1.1 (1.5 Hp)	1.5 (2 Hp)	1.1 (1.5 Hp)	1.5 (2 Hp)	1.5 (2 Hp)	1.5 (2 Hp)	1.5 (2 Hp)	
Length	mm	2750 (108")	3200 (125")	3250 (127")	3700 (145")	3850 (151")	4200 (165")	4700 (185")	5200 (204")	5200 (204")	
Width	mm	650 (26")	950 (38")	680 (27")	950 (38")	720 (29")	950 (38")	950 (38")	950 (38")	950 (38")	
Height	mm	1020 (41")	1300 (52")	1040 (42")	1300 (52")	1050 (42")	1300 (52")	1300 (52")	1300 (52")	1300 (52")	
Weight	kg	1200 kg (2600 lbs)	2450 kg (5400 lbs)	1650 kg (3600 lbs)	2750 kg (6000 lbs)	2100 kg (4600 lbs)	3100 kg (6800 lbs)	3400 kg (7500 lbs)	3750 kg (8300 lbs)	4000 kg (8800 lbs)	
Item-No.		9411001	9411002	9411003	9411004	9411005	9411006	9411007	9411008	9411009	

*Specifications above are subject to change without notice, no liability for printing errors. The machine can be shown with optional equipment.

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- Top & bottom roll driven by motor
- Position of the top roll is fixed via a locking lever
- Conical bending is realized via a coupling which is mounted on the shaft to the side roller drive
- Fixed upper roller, movable bottom and side rollers
- Wire insertion groove on the lower roller
- Left-right rotation on dual footswitch

Standard configuration:

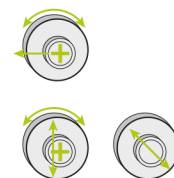
- ✓ Double footswitch
- ✓ Cable safety system
- ✓ Fine bending with motor brake
- ✓ Rolls made out of SAE 1050 (CK 45) steel
- ✓ Manual



Technical specifications		RBD-3M 10/2.0	RBD-3M 10/3.0	RBD-3M 12/1.5	RBD-3M 12/2.5	RBD-3M 15/1.2	RBD-3M 15/2.0	RBD-3M 20/1.0	RBD-3M 20/1.5
Roll length	mm	1050 (41")		1270 (50")		1550 (61")		2050 (80")	
Max. pre-bend thickness	mm	2.0 (0.08")	3.0 (0.12")	1.5 (0.06")	2.5 (1")	1.2 (0.05")	2.0 (0.08)	1.0 (0.04")	1.5 (0.06")
Roll diameter	mm	Ø 75 (3")	Ø 90 (3.5")	Ø 75 (3")	Ø 90 (3.5")	Ø 75 (3")	Ø 90 (3.5")	Ø 75 (3")	Ø 95 (3.7")
Min. bending diameter	mm	Ø 112 (4.5")	Ø 135 (5.2")	Ø 112 (4.5")	Ø 150 (6")	Ø 112 (4.5")	Ø 135 (5.2")	Ø 112 (4.5")	Ø 142 (5.6")
Plate rolling speed	m/min	6 (240"/min)							
Motor power	kW	1.5 (2 Hp)	1.1 (1.4 Hp)	1.5 (2 Hp)	1.1 (1.4 Hp)	1.5 (2 Hp)	1.5 (2 Hp)	1.5 (2 Hp)	1.5 (2 Hp)
Length	mm	1610 (64")	1630 (65")	1830 (72")	1850 (73")	2110 (83")	2130 (84")	2610 (103")	2630 (104")
Width	mm	700 (28")							
Height	mm	1160 (46")	1200 (48")	1160 (46")	1200 (48")	1160 (46")	1200 (48")	1160 (46")	1200 (48")
Weight	kg	385 (847 lbs)	455 (1001 lbs)	400 (880 lbs)	490 (1078 lbs)	430 (946 lbs)	545 (1199 lbs)	590 (1300 lbs)	665 (1463 lbs)
Item-No.		9401001	9401002	9401003	9401004	9401014	9401015	9401016	9401017



- Rotation of the bending rolls by crank handle
- Position of the top roll is fixed via a locking lever
- Conical bending is realized via a coupler which is mounted on the shaft to the side of roll-driver



Technical specifications		RB 10/1.0	RB 10/1.5	RB 10/2.0	RB 10/3.0	RB 12/1.5	RB 12/2.5	RB 15/1.2	RB 15/2.0	RB 20/1.0	RB 20/1.5
Roll length	mm	1050mm (41")		1270 (50")		1550 (61")		2050 (80")			
Material thickness	mm	1.0 (0.03")	1.5 (0.05")	2.0 (0.07")	3.0 (0.11")	1.5 (0.05")	2.5 (0.09")	1.2 (0.04")	2.0 (0.07")	1.0 (0.03")	1.5 (0.05")
Roll diameter	mm	Ø 56 (2.1")	Ø 68 (2.6")	Ø 75 (3")	Ø 90 (3.5")	Ø 75 (3")	Ø 90 (3.5")	Ø 75 (3")	Ø 90 (3.5")	Ø 75 (3")	Ø 95 (3.7")
Length	mm	1400 (56")	1930 (76")	1930 (76")	2080 (82")	2150 (85")	2300 (91")	2430 (96")	2580 (102")	2930 (116")	3080 (122")
Width	mm	700 (28")									
Height	mm	1120 (44")	1160 (46")	1160 (46")	1250 (50")	1160 (46")	1250 (50")	1160 (46")	1250 (50")	1160 (46")	1250 (50")
Weight	kg	185 (400 lbs)	280 (616 lbs)	300 (660 lbs)	410 (900 lbs)	330 (730 lbs)	450 (990 lbs)	365 (800 lbs)	560 (12000 lbs)	525 (1155 lbs)	650 (1430 lbs)
Item-No.		9400001	9400002	9400003	9400004	9400005	9400006	9400007	9400008	9400009	9400010

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