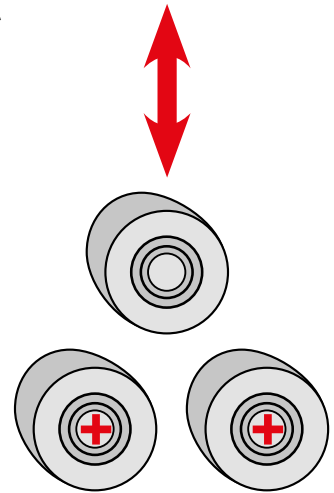


PRM 31 F – motorised ring bending machine, suitable for horizontal and vertical applications on sections, pipes and solid materials

- ▶ Heavy-duty welded structure made of steel
- ▶ Suitable for horizontal and vertical processing
- ▶ Bottom rollers driven directly by the motor
- ▶ Tempered rollers
- ▶ Shafts made of special steel, hardened and polished
- ▶ Feed via top roller
- ▶ Lateral guide rollers, continuously adjustable
- ▶ 2 driven rollers
- ▶ Clockwise/anti-clockwise operation using foot pedal
- ▶ Mobile control panel with foot controls



Model	PRM 31 F
Art. no.	3812031
Technical specifications	
Shaft Ø	30 mm
Roller Ø at the top	148 mm
Roller Ø at the bottom	118 mm
Speed	4 m/min.
Motor output	0.75 kW
Electrical connections	400 V/50 Hz
Weight	220 kg
Dimensions L x W x H	600 x 800 x 1450 mm







Scope of supply

- ▶ Standard bending rollers (refer to table on the right for bending options)
- ▶ Mobile foot pedal for clockwise/anti-clockwise operation with emergency off function
- ▶ Straightening rollers
- ▶ Chassis








Custom accessories

- ▶ Digital indicator for adjustment roller
- ▶ Pipe bending rollers
- ▶ Angle bending rollers
- ▶ Special alignment rollers
- ▶ Section bending rollers
- ▶ Plastic rollers for soft materials
- ▶ Equipment to twist rods
- ▶ Spiral bending tool

Bending performance PRM 31 F

Section type	max. size mm	min. bending Ø mm
Bending option with standard bending rollers:		
	30 x 30 10 x 10	900 200
	50 x 10 20 x 6	800 300
	80 x 15 30 x 6	700 400
	50 x 6 20 x 3	600 400
	50 x 6 20 x 3	600 400
	50 x 6 20 x 3	600 400

Bending options with optional bending rollers:

	40 x 3 30 x 2	1200 800
	50 x 30 x 3 40 x 20 x 2	1200 800
	Ø30 Ø10	900 200
	1 1/2" x 2.9 1/4" x 1.8	600 300
	Ø60x1.5 Ø25x1.5	1000 600
	40 x 40 x 5 30 x 30 x 4	600 300
	35 x 35 x 5 30 x 30 x 4	600 300

Performance data are based on material with a max. yield strength of 24 kg/mm². Bending performance for stainless steel (VA): factor 0.7
*May require additional spacers



Note

- ▶ The machine can be **optionally** equipped with bending rollers to suit your specific requirements
- ▶ We can also supply non-standard sizes on request

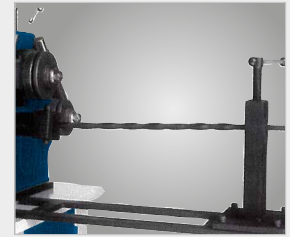
Accessories	Art. no.
Digital indicator for adjustment roller	3880075
Special guide rollers at the sides, for angle section	3880076
Bending tool to process bars	3880151
Spiral bending tool	3880152
Bending rollers* (please note information below!)	
Steel/iron rollers	
0 - 33.7 mm	3880077
34 - 48.3 mm	3880078
Custom dimensions	

Accessories	Art. no.
Angle rollers made of steel/iron	
30 x 30 x 3 mm	3880080
40 x 40 x 5 mm	3880081
Custom dimensions	

Plastic rollers for aluminium and stainless steel	
0 - 33.7 mm	3880082
34 - 48.3 mm	3880083
49 - 60.3 mm	3880084
Custom dimensions	

Plastic angle rollers for aluminium and stainless steel	
30 x 30 x 3 mm	3880085
40 x 40 x 5 mm	3880086
Custom dimensions	

* Price/roller set relates to a dimension from this mm range; state the material dimension you would like to process in your order. Rollers are produced as per these dimensions.



- Optional bending tool to process items including decorative, wrought-iron rods (Fig. similar item)



- Spiral bending application with optional bending tool



- Option: special guide rollers on the sides, for angle sections

Please state the material type you would like to process in your order!

Magnetic drilling

Deburring

Metal grinding

Cutting

Notching & punching

Bending

Presses

Circular saws

Roller conveyors

Band saws