

## PRM 35 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
- ▶ Motorised bottom rollers
- ▶ Tempered rollers
- ▶ Tempered and polished steel shafts
- ▶ Feed via top roller
- ▶ Lateral guide rollers, continuously adjustable
- ▶ Clockwise/anti-clockwise operation using foot pedal



Model	PRM 35 F
Art. no.	3812035
<b>Technical specifications</b>	
Shaft Ø	50 mm
Roller Ø at the top	155 mm
Roller Ø at the bottom	155 mm
Speed	4.5 m/min.
Motor output	1.5 kW
Electrical connections	400 V/ 50 Hz
Weight	400 kg
Dimensions in mm	750 x 1000 x 1400

### 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







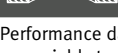
- ▶ Digital indicator for adjustment roller
- ▶ Pipe bending rollers
- ▶ Angle bending rollers
- ▶ Special alignment rollers
- ▶ Section bending rollers
- ▶ Plastic rollers for soft materials
- ▶ Equipment to twist rods
- ▶ Spiral bending tool

**Bending performance**

**PRM 35 F**

Section type	max. size mm	min. bending Ø mm
<b>Bending option with standard bending rollers:</b>		
	35 x 35 20 x 20	900 300
	60 x 10 40 x 10	500 400
	100 x 15 60 x 10	450 350
	60 x 7 50 x 6	700 500
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	UPN 80* UPN 30*	1000 700
	UPN 80* UPN 30*	1200 800

**Bending options with optional bending rollers:**

	50 x 3 40 x 3	1700 600
	70 x 30 x 2 50 x 40 x 3	1200 1200
	Ø35 Ø30	600 400
	2" x 2.9 1" x 2.3	1000 350
	Ø70x2 Ø30x2	1000 500
	50 x 50 x 5 40 x 40 x 5	800 600
	50 x 50 x 6 30 x 30 x 3	1000 500

Performance data are based on material with a max. yield strength of 24 kg/mm<sup>2</sup>. Bending performance for stainless steel (VA): factor 0.7  
\*May require additional spacers



**Note**

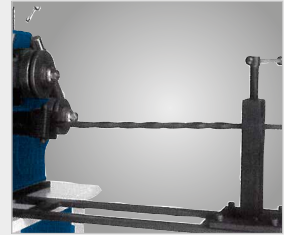
- ▶ The machine can be **optionally** equipped with bending rollers to suit your specific requirements
- ▶ We can also supply non-standard sizes on request

Accessories	Art. no.
Digital indicator for adjustment roller	3880087
Special guide rollers at the sides, for angle section	3880088
Bending tool to process bars	3880153
Spiral bending tool	3880154
<b>Bending rollers* (please note information below!)</b>	
<b>Steel/iron rollers</b>	
0 - 33.7 mm	3880089
34 - 48.3 mm	3880090
49 - 60.3 mm	3880091
Custom dimensions	

Accessories	Art. no.
<b>Angle rollers made of steel/iron</b>	
30 x 30 x 3 mm	3880092
40 x 40 x 5 mm	3880093
50 x 50 x 6 mm	3880094
Custom dimensions	
<b>Plastic rollers for aluminium and stainless steel</b>	
0 - 33.7 mm	3880095
34 - 48.3 mm	3880096
49 - 60.3 mm	3880097
Custom dimensions	

Accessories	Art. no.
<b>Plastic angle rollers for aluminium and stainless steel</b>	
30 x 30 x 3 mm	3880098
40 x 40 x 5 mm	3880099
50 x 50 x 6 mm	3880100
Custom dimensions	

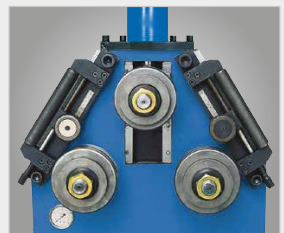
\* Price/roller set relates to a dimension from this mm range; state the material dimension you would like to process in your order. Rollers are produced as per these dimensions. \*\*Ex works only



- 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



- Application ring bending

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