

PRM 100 FH – hydraulic 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
- ▶ All three rollers are driven by a hydro-motor and planetary gear
- ▶ Tempered rollers
- ▶ Hydraulic feed via two bottom rollers
- ▶ Lateral mechanical straightening rollers, continuously adjustable
- ▶ Separate control panel with foot controls and 2 digital displays



PRM 100 FH

Model	PRM 100 FH
Art. no.	3812100
Technical specifications	
Roller ø	315 mm
Roller holder shaft Ø top	100 mm
Roller holder shaft Ø bottom	100 mm
Speed	7 m/min.
Motor output	7.5 kW
Electrical connections	400 V/50 Hz
Weight	3650 kg
Dimensions in mm	2000 x 1450 x 1700

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

Scope of supply

- ▶ Standard bending rollers (refer to table on the right for bending options)
- ▶ Mobile control panel
- ▶ One digital display per bottom feed roller
- ▶ Manual straightening rollers

Custom accessories

- ▶ Hydraulic straightening rollers
- ▶ Infinitely adjustable roller speed
- ▶ Pipe bending rollers
- ▶ Angle bending rollers
- ▶ Special alignment rollers
- ▶ Section bending rollers
- ▶ Plastic rollers for soft materials
- ▶ NC control

Bending performance		
PRM 100 FH		
Section type	max. size mm	min. bending Ø mm
Bending option with standard bending rollers:		
	60 15	750 400
	100 x 20 30 x 10	800 400
	200 x 30 160 x 35 80 x 5	1200 800 400
	100 x 11 30 x 4	1000 400
	100 x 11* 30 x 4	1000 400
	90 x 10 30 x 4	1000 400
	UPN 180* UPN 30*	900 400
	UPN 180* UPN 30*	1000 400

Bending options with optional bending rollers:

	80 x 5 25 x 2	1500 450
	1000 x 40 x 4 25 x 15 x 2	1300 400
	75 15	800 450
	125 x 2.5 15 x 1	1400 450
	4 x 6.02 1/2 x 2.77	1000 450
	100 x 12 40 x 4	1000 700
	100 x 10 40 x 4	1000 550

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

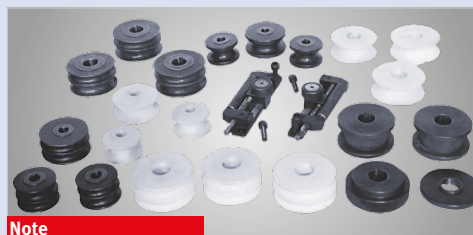


Large machines on request

PRM 100 FH in horizontal working position

Accessories PRM 50 FH	Art. no.
Hydraulic adjustment of the lateral guide rollers	3880180
NC control	3880181
Continuously variable speed	3880182

Bending rollers on request



Note

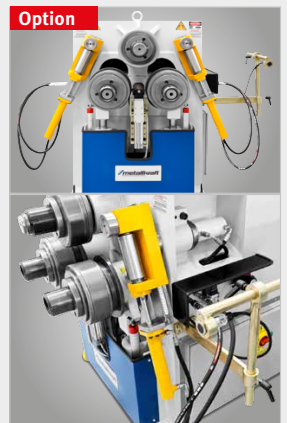
- ▶ The machine can be **optionally** equipped with bending rollers to suit your specific requirements
- ▶ We can also supply non-standard sizes on request



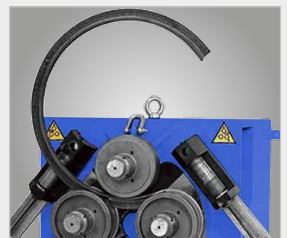
- Option: NC control with touchscreen and teach-in function



- Option: two lateral hydraulic guide rollers



- Option: hydraulic straightening rollers



- Bending process



- Bending example