



BEND

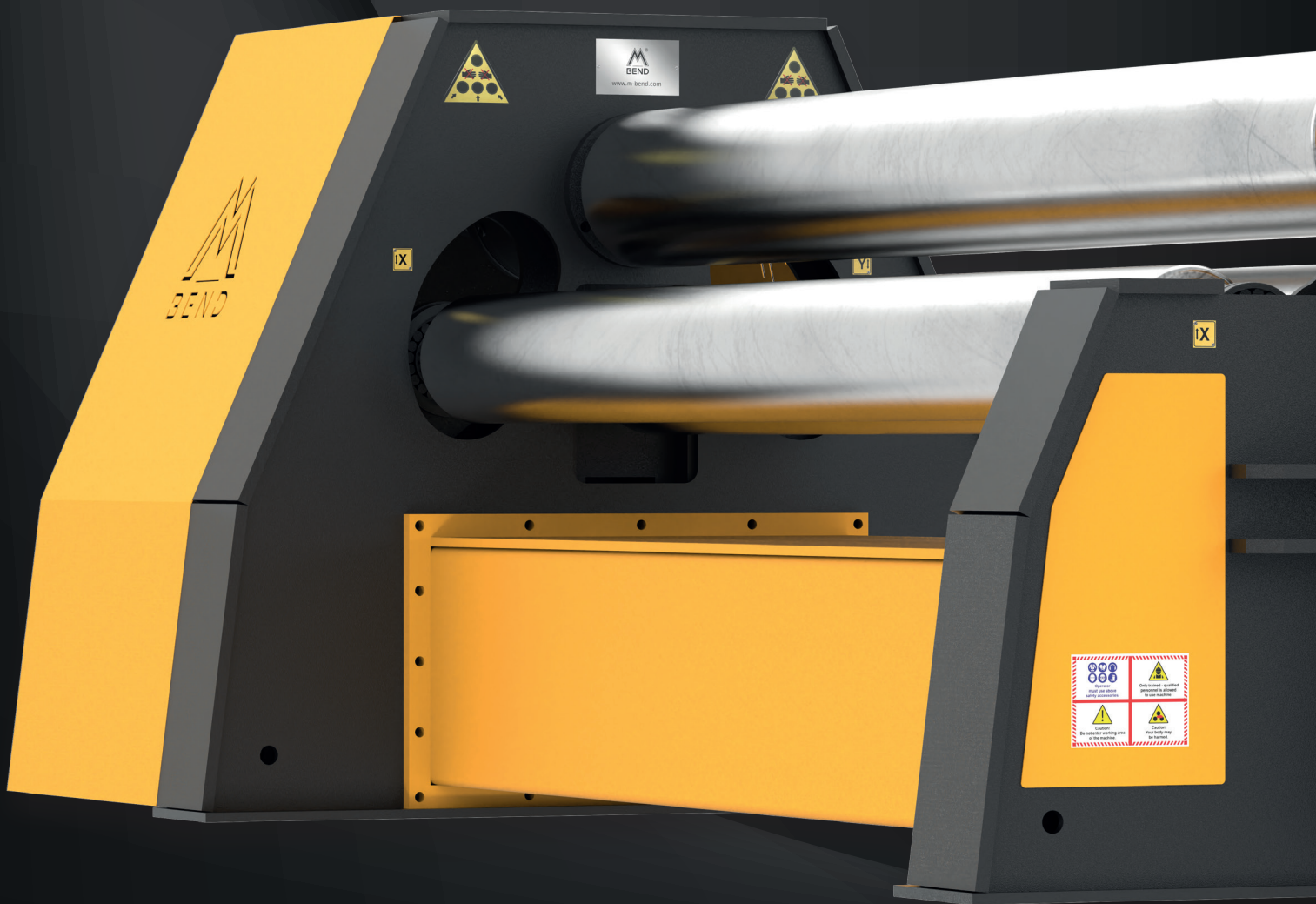
PRM Series

Plate
Rolling
Machines



Fast and Precise

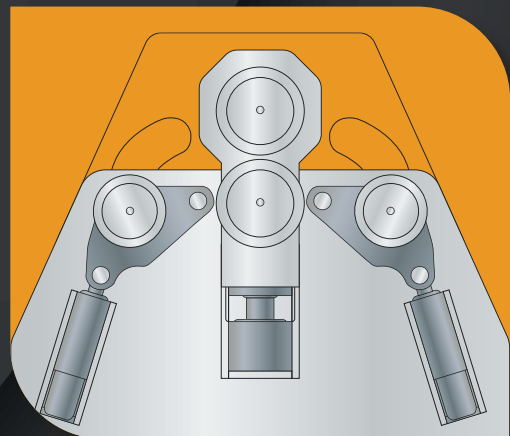
Your time is valuable, so we bring you together with fast and precise solutions. Experience the ease of shaping metal and swiftly bring your projects to life.



Planetary System

Planetary System operate according to the lever arm principle, allowing for the attainment of high bending force. This results in a decrease in the flatness of the bent material, ensuring excellent pre-bending.

To facilitate the remove of the bent material, the cover is opened, causing the upper shaft to lift up.





Standard Features

- Bearing guidance system
- St-52 quality steel frame and parts
- Conical bending system
- Moveable Control Panel
- Digital Display
- Top roll driven with hydraulic motor and planetary gear box
- Planetary system
- Protection system against overloads
- Induction hardened and polished rolls (Ck45)
- Emergency stop wire around the machine
- CE norms

Optional Features

- 7" multi functional touch screen
- PLC control with manual, semi-automatival and full automatic options
- Three speed feature
- CNC unit
- Reer laser emergency stop barrier
- Variable speed feature
- Central support
- Hydraulic side supports (2 pieces)
- Material feeding table
- Material out put table
- Changeable top roll
- Continuous turning with one button
- Three stage mobile control panel seperated from machine
- Online remote connection
- Sound-light buzzer warning system
- Automatic central oiling system
- Ultrasonic sensor
- Oil cooling system
- Automation system for different voltage and frequency
- Multi colour option
- Custom logo application with laser cutting

MODEL	Working Length	Max. Thickness	Pre-Bending	Top Roll	Down Roll	Side Rolls	Motor Power	Width	Length	Height
	mm	mm	mm	mm	mm	mm	kW	mm	mm	mm

PRM 2000-10	2000	10	8	210	190	170	7.5	1420	4500	1300
PRM 2000-13	2000	13	10	230	210	190	7.5	1450	4500	1300
PRM 2000-16	2000	16	13	270	250	210	11	1520	4525	1440
PRM 2000-20	2000	20	16	300	270	210	15	1730	4535	1490
PRM 2000-25	2000	25	20	330	300	240	15	1840	4585	1610
PRM 2000-30	2000	30	25	360	330	250	18.5	1920	4610	2020
PRM 2000-40	2000	40	30	390	360	300	22	2200	5060	2180

Min. Ø:
Top Roll Ø x 3

PRM 2500-8	2500	8	6	210	190	170	7.5	1390	4900	1300
PRM 2500-10	2500	10	8	230	210	190	7.5	1390	5000	1300
PRM 2500-13	2500	13	10	270	250	210	11	1520	5025	1440
PRM 2500-16	2500	16	13	300	270	210	11	1730	5035	1490
PRM 2500-20	2500	20	16	330	300	240	15	1840	5085	1610
PRM 2500-25	2500	25	20	360	330	250	15	1900	5045	1680
PRM 2500-30	2500	30	25	390	360	300	22	2100	5470	1985

Min. Ø:
Top Roll Ø x 3

PRM 3000-6	3000	6	4	210	190	170	7.5	1400	5200	1300
PRM 3000-8	3000	8	6	230	210	190	7.5	1400	5200	1300
PRM 3000-10	3000	10	8	270	250	210	11	1600	5600	1450
PRM 3000-13	3000	13	10	300	270	210	11	1800	5600	1500
PRM 3000-16	3000	16	13	330	300	240	11	1900	5900	1650
PRM 3000-20	3000	20	16	360	330	250	15	1900	5900	1700
PRM 3000-25	3000	25	20	390	360	300	18.5	2100	6000	2000

Min. Ø:
Top Roll Ø x 3

PRM 4000-6	4000	6	4	270	250	210	7.5	1520	6525	1440
PRM 4000-8	4000	8	6	300	270	210	7.5	1730	6535	1490
PRM 4000-10	4000	10	8	330	300	240	7.5	1840	6585	1610
PRM 4000-13	4000	13	10	360	330	250	11	1900	6550	1680
PRM 4000-16	4000	16	13	390	360	300	15	2100	6750	1985

Min. Ø:
Top Roll Ø x 3



The specifications in table based on steel with yield point 240N/mm² M-Bend reserves the right to change all above specifications without prior notice. All measurements in the capacity table are in millimeters, for more information, you can visit our website. www.m-bend.com



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