



POWER
TRANSMISSION
Division

PMF



PMF - Special Transmissions & Gearboxes

PMP[®]
INDUSTRIES

Gearboxes for metal plants and rolling mills

PMP Industries has an extensive experience in the design and manufacturing of gearboxes and pinion stands for the steel industry, in particular for Hot and Cold Rolling Mills. PMF gearboxes can be applied in every area of rolling mills, like:

- Roughing
- Intermediate
- Finishing and Sizing mills



Application	Output torque, kNm	Weight, ton
Roughing	100 - 2.000	5 - 40
Intermediate	20 - 100	1 - 20
Finishing and sizing mills	5 - 20	0,5 - 10

Options:

- Vertical or horizontal gearbox layout
- Parallel shaft and right angle gearboxes
- Pinion stands
- Worm gears
- Multi speed gearboxes
- Bevel gears
- Double helical gears



Cutting shears for rolling mills

PMP Industries offers a wide range of mechanical shears for rolling mills. These machines are designed and developed on the basis of each customer's needs, in order to meet the specific production targets.



Shear type	Weight, ton	Torque, kNm
Cutting shear	2 - 40	Up to 1.000
Flying shear		
Start stop shear		

Rolling mill pinch rolls

PMP Industries offers a wide range of pinch rolls for rolling mills. These machines are designed and manufactured according to the customers' specific needs, in order to deliver complete solutions for feeding, handling and pulling of long and flat products.



Pinch roll size	Weight, ton	Torque, kNm
Small	0 ÷ 10	Up to 1.000
Medium	10 ÷ 20	
Big	20 ÷ 40	

Rolling mill coilers

PMP Industries' range is completed by combined systems for the coiling and uncoiling of flat products. Also for this type of machines, the design and development is done on the basis of each customer's needs, in order to achieve the specific production targets.



Feature	Measurement unit	Value
Coil diameter	mm	up to 2.400
Coil weight range	ton	up to 30
Coil speed	m/min	up to 1.000
Strip tension	kN	up to 500
Weight	ton	5 - 40

Gearboxes for bridge cranes

PMP Industries is also expanding its range to gearboxes for winches and lifting devices on bridge cranes. These gearboxes are designed and developed on customer specifications, in order to meet the required performances and durability.



Type	Crane capacity, ton	Reduction ratio, i:	Weight, ton
Small	5 – 15	50-150	0,5÷5
Medium	15 - 70	50-150	1 ÷ 10
Big	70 - 150	50-150	5÷20

Options:

- Gearboxes with parallel shafts
- Anti rotation system
- Safety brake system
- Multi speed gearboxes

PMF – Special Transmissions and Gearboxes

PMP Industries is a leading company in the production of **special gearboxes** for industrial applications. The vertically integrated structure of PMP allows direct management of the entire production process: from engineering to project development, from the manufacturing of components to final assembly and testing. Thanks to PMP's production capabilities and manufacturing flexibility, the lead time between concept and production can be surprisingly short and enhance competitiveness in today's market conditions. In addition, **PMP can provide technical support** throughout the development process of new products, bringing to the table its extensive experience in a wide range of gearboxes.



PMP Industries has more than 20 years of experience in the production of **gearboxes for metal plants and rolling mills**. In these 20 years, several projects were developed upon very specific requests from customers worldwide.

This important background allows PMP to successfully manage projects with the highest degree of complexity and integration, developing each time the best gearbox for the specific application. PMP is also **ISO 9001:2008** certified and complies with the best standards for gear design and manufacturing.

ITALY

BOSNIA-HERZEGOVINA

USA

CHINA

INDIA

BRAZIL



POWER
TRANSMISSION
Division



STEEL
WORKS
Division



FLUID
POWER
Division



ENVIRONMENTAL
DEDUSTING
Division



www.pmp-industries.com