



MS3R Series Plate Rolling Machine , Three Roll Plate Bending Machine

Basic Information

- Place of Origin: China
- Brand Name: genuo
- Minimum Order Quantity: 1
- Price: negotiable
- Packaging Details: carton box
- Payment Terms: L/C, T/T, D/P, D/A



Product Specification

- Product_name: GENUO Mechanical Symmetry MS3R Series 3 Roller Plate Rolling Machine
- Description: MR3R Series Plate Rolling Machine With Mechanical Drive And Adopts 3-roller Symmetrical Structure With The Upper Roller Moving Vertically In The Center Between The Two Lower Rollers. The Machine Has A Simple Structure, Stability, And Easy Operation.
- Features: 3-roller Symmetrical Structure, Mechanical Drive, Upper Roller Moves Vertically, Screw-drive Mechanism, Output Gear Engagement, Ability To Separate Upper Roller, Option To Install Side Wheels, Economical And High Cost Performance, Hydraulic Overturn Discha
- Advantages: Simple Structure, stability, easy Operation, economical, high Cost Performance
- Specifications: 3-roller Symmetrical, mechanical Drive, upper



Standard Equipment	Optional Equipment
▲ Wireless button remote control	△ Digital screen display control console
▲ C45 hard quenching & tempering roller	△ 42CrMo solid forging roller
▲ Schneider & Omron electrical components	△ Side motorised rolls
▲ Copper alloy anti-wear gear	△ Segmental inlay roller ring
▲ NSK Double row self aligning bearing	△ Centralised manual lubrication
▲ Enclosed sheet metal cover	△ Customized colors

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Working Roller

Roller is the most important components of the rolling machine, its quality and performance has a direct impact on the service life of the rolling machine and the precision of rolling.
Working rollers are made of high-strength high-quality steel 42CrMo material, after forging, roughing, quenching and tempering, HB240 ~ 300, finishing after the intermediate frequency quenching HRC47-58, according to JB/ZG4289-86 roll steel standards.

Strictly in roller manufacturing, to ensure its comprehensive mechanical properties.



Electrical Components

Schneider Electric components ensure the stable operation of the machine. Reasonable line connection and arrangement greatly reduces the failure rate. The integrated control module of hydraulic valve group makes the sliding block move smoothly and accurately.

And the operator and all parts of the machine played a good protection. It's safe, stable and not easy to break. Low Noise and Powerful motor guarantee the machine service life and improve the machine working stability.



Roller Rotation

Stepper Motor → Planetary Gearbox → Working Roll

Symmetric geometry in the roll movement featured by the 3-roll bending rolls of the series assures optimal traction. The upper roll can bend the plate by moving up and down, while the fixed lower roll can realize the plate rolling by turning forward and backward.

The row self aligning bearing of the upper roll with low resistance plays a strong role in supporting and preventing the sheet from slipping to the maximum extent.



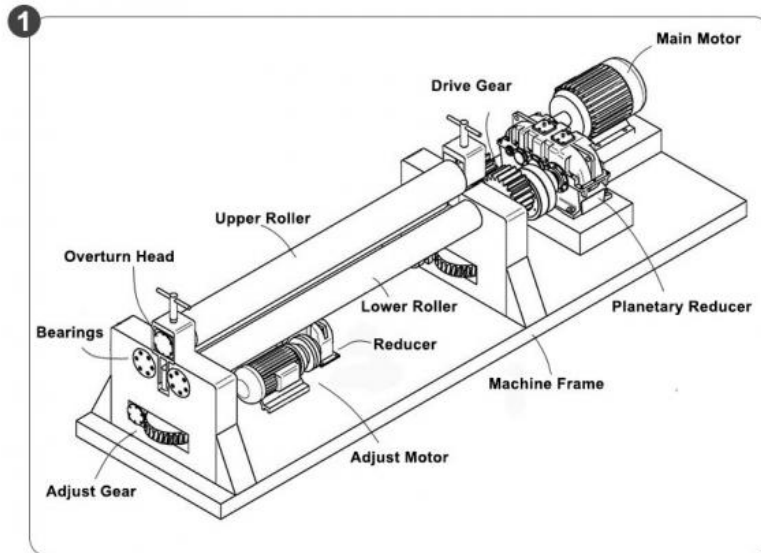
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The machine is a three - roll symmetrical mechanical structure. The upper roller moves up and down in the center of the

two lower rollers. Both nuts and worm gear act as drives. The two bottom rollers serve as the main driving rollers.

By engaging, it rotates between the output gear of the transmission and the bottom roll, thus providing torque to the

bending plate. Simple operation, convenient maintenance, high cost performance.



Main Motor

The main motor rotates the power via the reducer and gear drive roller.



Roller Bearing

The wide self-aligning bearing make the roller rotate more smoothly.



Electronic Elements

Schneider Electric keeps the machine stable running and long service life.



Control Panel

Electric cabinet panel and remote control. Safe and easy to operate.



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Material	High quality / Corrosion resistance
Durable	Long used life / Premium accessories
Precision	Machining / High precision rolling
Work	Safe and efficient / Easy to operate
After Sale	Exclusive service / Quality assurance

Factory Picture





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Model	Max. thickness of plate (mm)	Max. width of plate (mm)	Plate yield limit (MPa)	Rolling speed (min ⁻¹)	Min dia. of plate in full load (mm)	Dia. of upper roller (mm)	Dia. of lower roller (mm)	Space between of two lower rollers (mm)	Main motor (kW)	Dimension (L×W×H) (mm)
MS3R-6×1500	6	1500	265	7.16	380	180	160	210	5.5	3310×1210×1330
MS3R-6×2000	6	2000	265	7.16	380	180	160	220	5.5	3810×1210×1330
MS3R-6×2500	6	2500	265	7.16	500	190	170	260	7.5	4310×1210×1330
MS3R-6×3200	6	3200	265	6.45	500	240	200	310	11	5200×1400×1200
MS3R-8×2000	8	2000	265	7.16	450	190	170	260	7.5	3810×1210×1330
MS3R-8×2500	8	2500	265	6.46	500	240	200	310	11	4500×1420×1610
MS3R-12×2000	12	2000	265	5	500	240	200	310	11	4050×1420×1610
MS3R-12×2500	12	2500	265	5	750	260	220	330	11	5000×1500×1300
MS3R-12×3000	12	3000	265	5	650	280	240	360	15	5500×1500×1300
MS3R-16×2000	16	2000	265	5	750	260	220	330	11	4500×1500×1300
MS3R-16×2500	16	2500	265	5	750	280	240	360	15	5000×1500×1300
MS3R-16×3200	16	3200	265	5	900	340	280	440	22	6300×1600×1900
MS3R-20×2000	20	2000	265	5	750	280	240	360	15	4500×1500×1300
MS3R-20×2500	20	2500	265	5	850	340	280	440	30	5600×1600×1900
MS3R-25×2000	25	2000	265	5	850	340	280	440	30	5100×1600×1900
MS3R-25×2500	25	2500	265	4.5	900	380	300	490	37	6000×1600×2150
MS3R-30×2000	30	2000	265	4.5	900	380	300	490	37	5500×1460×2150
MS3R-30×2500	30	2500	265	4.34	1100	460	380	600	45	6900×2300×2800
MS3R-30×3000	30	3000	265	5	1200	460	400	600	45	7400×2300×2800
MS3R-30×3200	30	3200	265	5	1200	500	400	600	45	7600×2300×2600
MS3R-40×2000	40	2000	265	5	1200	480	400	600	45	6400×2300×2800

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GENUO

Maanshan Genuo Machinery Manufacturing Co., Ltd.



0086 555 7168598



sales@genuogroup.com



genuocnc.com

Wanda Center 1116, Yushan District, Maanshan, Anhui, China 243000