

Four-Roller Plate Rolling Machine

This four-roller rolling machine simplifies plate centering, offering versatility in metal forming. It can perform pre-bending and steel plate rolling in a single pass, resulting in minimal straight edge.



Overview

Precision Four-Roller Rolling Technology

The W12NC series four-roller rolling machine is engineered for high-efficiency metal forming, allowing for precise centering and defect correction during the rolling process. This versatile equipment enables pre-bending and rolling in a single feed, significantly reducing surplus straight edges on curved or cylindrical workpieces. Its robust hydraulic architecture ensures consistent performance, making it an ideal solution for complex metal fabrication tasks.

Technical Specifications

Performance Metrics

16 mm

Max Plate Thickness

2000 mm

Max Plate Width

12 mm

Max Pre-bending Thickness

3.5 m/min

Rolling Speed

Roller Dimensions

Component	Diameter
Upper Roller	330mm
Lower Roller	300mm
Side Roller	230mm

Machine Model	W12NC-16x2000
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Machine Details

Power and Weight

- Main motor power: 15kw
- Machine weight: 12 tons
- Material yield limit: 245Mpa

Key Features	Hydraulic System, Pre-bending Capability, Symmetrical Bending, Cylindrical Forming
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