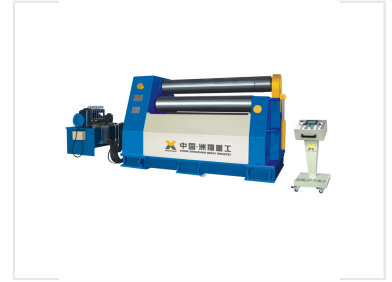


Arc Down-Adjusting 3-Roller Plate Rolling Machine

This 3-roller plate rolling machine features adjustable lower rollers for arc creation, ideal for metal plate forming. It can perform pre-bending on both ends without needing to change the plate, and is capable of rolling round, arc, and cone shapes.



Overview

Precision Plate Rolling and Forming

This arc down-adjusting 3-roller plate rolling machine is a versatile solution for metal forming, capable of handling various round and arc-shaped workpieces. It features an efficient design that allows for pre-bending and rolling in a single feeding process, eliminating the need for end changes. Ideal for industries such as petroleum, chemical, shipbuilding, and machinery manufacturing, it provides consistent results for both round and conical shapes.

Performance Metrics

Rolling Capacity

8 mm

Max Rolling Thickness

5 mm

Max Pre-bending Thickness

3000 mm

Max Rolling Width

Rolling Speed

5 m/min

Technical Specifications

Roller Dimensions

Component	Diameter
Upper Roller	280 mm
Lower Roller	260 mm

Material Yield Limit 245 MPa

Minimum Rolling Diameter 650 mm

Power and Physical

Main Motor Power 11 kw

Total Machine Weight 9 ton

Applications

Suitable Industries Petroleum, Chemical, Boiler Manufacturing, Shipbuilding, Machine Vehicle, Metal Structure