

Symmetrical 3-Roller Plate Bending Machine

This three-roller symmetric rolling equipment is mainly used in the process of cold working. It bends metal plates into cylindrical or conical shapes using three symmetrically arranged rollers for precise and consistent forming.



ADDITIONAL IMAGES



Overview

High-Precision Symmetrical Plate Rolling

The Symmetrical 3-Roller Plate Bending Machine is a versatile solution designed for cold working processes in heavy industries. It features a symmetrical three-roller configuration that ensures precise and consistent forming of metal plates into cylindrical, conical, or curved shapes. Built with high-strength steel, this machine provides the stability and durability required for demanding manufacturing environments like boiler production and shipbuilding.

Performance Metrics

Key Capabilities

12 mm

Max Rolling Thickness

2500 mm

Max Rolling Width

Technical Configuration

Machine Design

- Symmetrical three-roller arrangement
- High-strength steel frame construction
- Robust motor and gearbox drive system
- Manual or CNC control system options

Working Process

Cold Working

Applications

Common Components

- Storage Tanks
- Industrial Pipes
- Cylindrical Components
- Conical Shapes
- Structural Curved Members

Target Industries

Boiler Manufacturing, Chemical Industry, Mining, Construction, Shipbuilding, Machinery Industry

Safety & Operation

Safety Systems

Emergency Stop Buttons • Safety Guards • Intuitive Control Panel