

Two-Roller Metal Plate Bending Machine

This 2-roller plate rolling machine is designed for forming metal plates into cylindrical or conical shapes. It features a robust construction with hydraulic cylinders for precise control of the rolling process.



ADDITIONAL IMAGES



Overview

Efficient Two-Roller Bending Technology

This two-roller metal plate bending machine utilizes a specialized design where the upper roller is steel and the lower roller features an elastic outer layer. By adjusting the distance between the two rollers, the machine creates downward pressure, causing the bottom roller to deform and effectively coil the plate into shape in a single pass. This process ensures high geometric accuracy and a scratch-free surface finish, making it an ideal solution for efficient metalworking operations.

Technical Specifications

Performance Highlights

1 pass

Forming Passes

Roller Configuration

2-Roller System, Steel Upper Roller, Elastic Layer Lower Roller

Operational Features

Key Advantages

- One-time forming capability
- High production efficiency
- Superior geometric accuracy
- Scratch-free surface finish
- Simple, robust structure
- Easy to automate

Suitable Applications

Cylindrical forming • Conical forming • Tank manufacturing • Pipe fabrication