

Four-Roller Plate Bending Machine

This heavy-duty four-roller plate bending machine is designed for precise and efficient metal forming. It is suitable for manufacturing cylindrical and conical shapes from various metal plates.



Overview

Industrial Four-Roller Plate Bending Machine

This heavy-duty plate bending machine utilizes a sophisticated four-roller structure designed for high-precision metal forming. By employing a main drive on the upper roller and hydraulic-powered lower rollers, it ensures tight plate clamping and consistent torque for superior bending results. The machine is engineered for versatility, allowing both preliminary bending and final rolling of plate ends to be conducted efficiently on a single unit.

Technical Specifications

Drive Mechanism

- Main drive via upper roller gear engagement
- Hydraulic cylinder control for lower roller vertical movement
- Side roller inclining movement via guide rails
- Side roller drive system: screw, nut, worm, and lead screw

Roller Configuration

Four-Roller Structure, Upper Main Drive, Hydraulic Lower Roller, Adjustable Side Rollers

Capabilities

Bending Capabilities

Cylindrical Forming • Conical Forming • Preliminary Bending • End Rolling

Performance Highlights

4 rollers

Roller Count