

Servo-Controlled Pipe Bending Machine

This high-speed pipe bending machine employs servo control for precise metal forming. It is designed for bending, folding, straightening, and leveling metal pipes with accuracy and efficiency.



ADDITIONAL IMAGES



Overview

High-Precision Servo Pipe Bender

This fully automatic servo-controlled pipe bending machine is engineered for complex three-dimensional metal forming tasks. It integrates advanced servo-motor technology for bending, rotation, and feeding, ensuring high speed and precision. With support for both YBC and XYZ coordinate inputs, it offers versatile operation for diverse industrial applications.

Performance & Control

Automation Capabilities

- Automatic Bending (Servo)
- Automatic Rotation (Servo)
- Automatic Feeding (Servo)
- Automatic Lubrication System

Control System

Servo-Controlled, 3D Simulation, Remote Diagnosis, YBC Input, XYZ Input

Technical Specifications

Included Tooling

- Clamp die
- Wiper die
- Mandrel
- Pressure die
- Bend die

Maintenance Features

- Automatic lubrication system
- Separate oil tank with filter

Pneumatic Movements

Clamp, Pressure Clamp, Clutch, Mandrel

Advanced Features

Specialized Functions

- Anticipated Mandrel Extraction (for thin tubes)
- Reclamp function (unlimited tube length)
- Optional punching hole capability
- Optional cutting capability
- Optional roll bending

Compliance

Certification

CE