

Automatic Metal Straightening Machine

This automatic straightening machine is designed for metal components. It utilizes a hydraulic system and electronic controls for precise adjustments and improved dimensional accuracy.



Overview

High-Precision Mechanical Straightening

The JJ Series automatic straightening machine offers a high-reliability solution for correcting metal workpieces with exceptional precision. Designed for safety and efficiency, it features a floating rotating center that enables clamping without loosening during measurement and straightening. The system is powered by an intuitive Windows-based software interface, allowing for dynamic process observation and rapid adjustments, making it a versatile asset for diverse industrial metalworking applications.

Performance Metrics

Key Performance Indicators

5 μ m

Max Repeated Measurement Accuracy

1 μ m

Display Resolution

0.015 mm

Straightening Accuracy

60 pcs/h

Average Efficiency

Technical Features

Software & Interaction

- MS Windows-based operating system
- Dynamic process observation
- Auto-diagnosis function
- Self-adaption & adjustable correction value system
- Digital or bar chart display of bending values

Compliance & Safety

GB/T 15706.2-2007, ISO 12100-2:2003, Q/CSS23-2006

Applications

Compatible Workpieces

Stub Shaft • Gear Shaft • Rotor Shaft • Piston Rod • Ball Screw • Camshaft • Torsion Bar • Gear Rack