

Automatic Shaft Straightening Machine for Bend Correction

This automatic straightening machine utilizes servo and transmission technology to improve efficiency. It achieves high straightening precision, up to 0.01mm, through an advanced expert intelligence control system, visual technology, and robotics.



Overview

Precision Shaft Straightening Solution

This high-performance automatic shaft straightening machine is engineered for precision bend correction in high-volume industrial environments. It features a robust frame construction, advanced hydraulic actuators, and a sophisticated sensor array for real-time feedback and adjustment. Designed for versatility, the system integrates a programmable logic controller (PLC) to ensure consistent, accurate straightening results across various shaft sizes and materials.

Technical Features

Operation Mode

Automated • High-Volume Production

Core Components

- Hydraulic actuators
- Multi-point support system
- Real-time feedback sensors
- Safety enclosure

Control System

Programmable Logic Controller (PLC) with advanced user interface

Performance Metrics

Performance Highlights

100 %

Precision Level