

Automatic Sleeve Assembly Machine

This automatic assembly machine is designed for the automated assembly of sleeves. It utilizes a programmable logic controller (PLC) for controlling the assembly process and sensors to ensure accuracy and detect errors.



Product Overview

Automated Sleeve Assembly

This high-performance automatic assembly machine is designed to streamline the production of stainless steel sleeves through a fully automated workflow. It integrates advanced sensing and precision mechanical components to handle material loading, directional detection, assembly, and insertion force testing. Engineered for high-volume environments, it features intelligent self-diagnostics and predictive material tracking to maximize operational efficiency and reduce labor requirements.

Technical Specifications

Pneumatic Component Quality

High-Grade Pneumatics • Precision Slide Rails

Material Specifications

S136 Precision Mold, SKD11 Cutter Parts, Stainless Steel Compatible

Control & Interface

Mitsubishi PLC with Touch Screen Interface

Operational Features

Assembly Capabilities

- Automatic material loading
- Hole direction detection
- Automated assembly and striking
- Insertion force testing

Monitoring & Diagnostics

- Automatic alarming system
- Real-time issue reporting
- Integrated solution messaging
- Capacity prediction and recording
- Material shortage detection