

French Plug Automatic Assembly Machine

This automatic assembly machine is designed for efficient and precise assembly of French-type plugs. It utilizes a PLC for automated operation, incorporating multiple stations for feeding, inserting, and testing components.



Overview

High-Efficiency French Plug Assembly

This fully automatic assembly machine is engineered for the precise and efficient production of French-type plugs. It integrates advanced pneumatic components, precision linear guides, and intelligent monitoring systems to ensure consistent output and high-quality results. Designed for high-volume environments, the machine automates the entire process from component feeding to final product sorting and unloading.

Technical Specifications

Core Components	Pneumatic Components, Precision Linear Guide, Precision Module, PLC Control, HMI Interface
Material Standards	S136

Operational Capabilities

Process Workflow

- Automatic feeding of plug base and pole
- Fully automatic assembly
- Riveting
- Process monitoring
- Automatic detection and sorting (Good vs. Rejected)
- Automatic unloading

Intelligence & Monitoring

- Automatic alarming system for irregular operations
- Solution messaging for errors
- Automatic material induction
- Material shortage detection
- Capacity prediction and recording