

# 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