

# Automatic Coil, Pin, and Plug Assembly & Welding Machine

This multifunction machine automates the assembly of coils, pins, and plugs, along with resistance value testing. It also welds the terminal pin with the coil and tests resistance value, with the electrode tip requiring no grinding for up to 20,000 products.



## Product Overview

### High-Efficiency Assembly and Welding Solution

This automatic machine is designed for the precision assembly and welding of coils, pins, and plugs. It features an integrated vibratory bowl feeder for automated part handling and a precision indexing table for accurate component placement. The system is managed by a programmable logic controller (PLC) and an intuitive human-machine interface, ensuring reliable high-volume production for electrical components.

## Technical Specifications

### Electrical Requirements

**380 V**

Voltage

**1000 W**

Power Consumption

Air Supply Pressure

8 kg/cm<sup>2</sup>

## Processing Capabilities

Resistance Wire Compatibility

Diameter  $\phi$  0.2-2mm, Length 60-460mm

Terminal Pin Compatibility

Diameter  $\phi$  0.5-1.5mm, Length 45-120mm

## Physical Dimensions

### Weight Specs

Type	Weight
Gross Weight	550kg
Net Weight	400kg

Dimensions

1600 x 163 x 1600 mm

## Safety & Control

Safety Features

Light curtains, Emergency stop buttons