

Full Automatic Coil Winding Machine

This machine is equipped with a multi-axis motion control system for stable and reliable operation. It achieves high speed, accuracy and production volume.



ADDITIONAL IMAGES



Overview

High-Efficiency Automatic Coil Winding Solution

This full automatic coil winding machine is engineered for high-speed, high-precision production in the electronics manufacturing industry. It integrates a powerful industrial PC control system with premium international components, including Japanese servo motors and bearings, to ensure long-term stability and consistent quality. With advanced features like automatic loading and unloading and precision tension control, it significantly increases manufacturing throughput while minimizing manual intervention.

Technical Specifications

Precision Components

- GALIL USA multi-axis motion control system
- Japanese high-power servo motors
- Japanese Bando belts
- NTN bearings
- SMC cylinders
- TBI Taiwan ball screw and guide rails

Certifications

CE, CQC, ISO

Functional Features

Winding Capabilities

- 0° and 90° angle wire wrapping
- Precision tension control
- Movable wire clamping with zero residual line
- Thread breakage detection

Operational Features

- Windows-based high-level interface
- Password-protected program storage
- Automatic loading and unloading
- Optional twisting function
- External display for parameter security