

Automatic Twisted Coil Winding Machine

This machine utilizes a programmable logic controller and servo motors for precise control. It is designed for high-speed twisting with low noise and accurate positioning.



ADDITIONAL IMAGES



Overview

High-Precision Twisted Coil Winding Solution

This automatic twisted coil winding machine is engineered for high-speed, high-precision production of various thin wire, twisted, synchronous motor, and ignition coils. Featuring dual servo motor control and a high-precision magnetic tensioning system, it ensures superior winding quality while optimizing copper wire usage. The system integrates advanced PLC controls with a user-friendly touch screen interface, offering reliable performance with low noise and accurate positioning.

Key Components

Imported Components

Taiwan PLC, Taiwan Servo Motors, Japan NSK/NTN Bearings, Japan BANDO Belts, Taiwan TBIA Ball Screws

Features & Capabilities

Core Features

- Unique winding fixture design for rapid setup
- Intuitive touch screen interface for parameter configuration
- Advanced twisted winding capabilities
- Integrated disconnection detection system
- Dual servo motor control for excellence in performance
- High-precision magnetic tension device

Compliance & Standards

CE • ISO 9001 • CQC

Application

Suitable Applications

- Thin wire coils
- Twisted coils
- Synchronous motor coils
- Ignition coils