

Automatic Motor Coil Winding Machine

This automatic motor coil winding machine features a 32-bit controller for enhanced speed and reliability. Its synchronous design and compact size make it suitable for assembly line integration.



ADDITIONAL IMAGES



Overview

High-Efficiency Coil Winding Solution

This automatic 4-spindle motor coil winding machine is engineered with a 32-bit controller chip for superior speed and reliability. Featuring a heavy-duty architecture and synchronous winding technology, it provides high-speed, low-noise performance for demanding assembly lines. The unit includes automated self-detection, programmable spindle speeds, and data retention capabilities to ensure consistent quality and production stability.

Key Performance Metrics

Operational Performance

7000 turn/min
Max Speed

4 heads
Spindle Count

100 mm
Winding Width

105 kg
Net Weight

Technical Specifications

Winding Parameters

Parameter	Value
Wire Size Range	0.04-0.45 mm
Loop Diameter	70 mm
Max Wire Spacing	9.99 mm

Electrical Requirements

- Input Power: 220V 50HZ/60HZ
- Spindle Motor: Phase motor + AC Drivers
- Winder Motor: Stepping motor

Premium Components

Japan NSK/NTN Bearings, Japan BANDO Belt, Japan GATES Belt, Taiwan TBI Ball Screw, Taiwan Transducers

Compliance & Certifications

Quality Certifications

CE • ISO 9001 • CQC