

# 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