



GREWIN INDUSTRIAL GROUP CO.,LTD.

TEL/WhatsApp: +86 18622096679

Mail: admin@coilwindingmachinechina.com

Web: www.coilwindingmachinechina.com



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WeChat

NAME: GWP8-126 Automatic Eight Spindles Coil Winding Machine



GREWIN INDUSTRIAL GROUP CO.,LTD.

Add: The fourth floor A-A3 zone aviation business area,Dongli Distr,Tianjin,China.



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Specifications:

Number of winding spindles	8
Spindle speed	10000rpm
Wire diameter	0.03-0.6mm (more than 0.4mm need to add different accessories)
Spindle spacing	126mm
Maximum bobbin outer diameter	60mm
Spindle Inner Diameter	14mm
Guide pin moving range	X:80 Y:100 Z:70 mm
Winding motor power	1.5KW
X\Y\Z axis power	400W\400W\750W
Pressure	0.4-0.65Mpa
Supply voltage	AC220V±10% 50HZ
Total power	3.5KW
Machine size	Length: 1100mm Width: 1000mm Height: 1400mm
Machine weight	720Kg

Description of main parts

U-axis	Inovance brand 1.5KW servo motor
X-axis	Inovance brand 400W servo motor
Y-axis	Inovance brand 400W servo motor
Z-axis	Inovance brand 750W servo motor
Wire clamp moving axis	Inovance brand 400W servo motor
Control System	high-precision six-axis motion controller
Human-machine interface	7-inch WEINVIEW touch screen
Screw guide	Taiwan TBI

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Timing belt	BANDO Japan
Bearing	NSK Japan
Sensors	Omron
Tensioner	High-precision magnetic tensioner
Spindle box	Cast iron box
Worktable board	Cast iron platen
Other mechanical components	Independent design

Features:

- ◆ The main chassis of this machine is finely processed with integral materials to minimize the assembly error caused by assembly, ensure the accuracy of the relative position of each part and the firmness of long-term use.
- ◆ The control part adopts the most advanced multi-axis motion control system, with excellent performance such as linear and circular interpolation, spiral winding, etc. In addition to easily realizing the basic steps of fully automatic machines such as automatic feeding, automatic winding head, automatic winding, precision wiring, automatic winding tail, automatic wire cutting, automatic unloading, etc., it can also realize various difficult steps such as right-angle wire outlet and wire pressing into the groove.
- ◆ The human-machine interface is simple and easy to understand, easy to operate, quick to respond, and has a password storage function to prevent non-related personnel from modifying the program.
- ◆ All moving parts are driven by AC Panasonic servo motors with high speed, accurate positioning and long service life.
- ◆ All important components are imported brands.
- ◆ The guide needle rod can rotate 0 degrees, 90 degrees, 135 degrees (optional) to achieve difficult winding head, wire outlet and wire cutting.

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Application scope

1. Inductor coil
2. Relay coil
3. LCD backlight high and low voltage coils
4. Ignition high and low voltage coil
5. Sensor coil
6. Solenoid valve coil
7. Car injector coil
8. Automobile ABS, charger coil
9. Automotive instrument coil
10. Auto brake coil
11. Switching power transformer
12. EE type transformer
13. EI type transformer
14. Stepper motor coil
15. Other parallel outer coils

Optional device:

1. Tensioner
2. Stranding machine
3. Pressing angle device
4. Simple cutter
5. Loose line device
6. Double wire and around
7. Automatic upper and lower skeleton device
8. Automatic tape device, etc.

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PACKAGING:

Packaging Material: Carton/Wooden case with foam inside.

1.General package(Paper carton or plastic bag): For small equipped parts for Eight Spindle Motor Coil Winding Machine

Package it with form and pack paper to guarantee unbroken during the transport.

2.Wooden case package: For larger scale Eight Spindle Motor Coil Winding Machine ,we have special skilled

carpenter, who would make the proper wooden case with exact thickness,density,length. The up arrow ↑marked on the outer wooden case. Buffer material would be put in the wooden case to prevent crack and shock.



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