



GREWIN INDUSTRIAL GROUP CO.,LTD.

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Mail: admin@coilwindingmachinechina.com

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NAME: GWP4-200 Automatic Four 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	4
Spindle speed	3000rpm
Wire diameter	0.4-1.4mm (more than 0.4mm need to add different accessories)
Spindle spacing	200mm
Maximum bobbin outer diameter	80mm
Spindle Inner Diameter	14mm
Guide pin moving range	X:80 Y:100 Z:70 mm
Winding motor power	4.0KW
X\Y\Z\S axis power	X:400W Y:400W Z:750W S:400W
Pressure	0.4-0.65Mpa
Supply voltage	AC380V±10% 50HZ
Total power	6.0KW
Machine size	Length: 1450mm Width: 1400mm Height: 1700mm
Machine weight	750Kg

Description of main parts

Winding servo motor	INOVANCE
X/Y/Z/S-axis servo motor	INOVANCE
Control System	Weiding high-precision six-axis motion controller
Human-machine interface	7-inch WEINVIEW touch screen
Screw guide	Taiwan TBI, grade C accuracy
Timing belt	BANDO Japan
Bearing	NSK Japan
Sensors	Omron Japan
Tensioner	High-precision magnetic tensioner
Spindle box	Cast iron box
Worktable board	Cast iron platen
Other mechanical components	Independent design

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Features:

◆ The spindle box of this machine adopts the fine processing of the whole material to minimize assembly errors caused by assembly and ensure the relative position of each part and the long-term use.

◆ The control part adopts the most advanced multi-axis motion control system, with excellent performance such as straight line, circular interpolation, spiral wrap, etc., in addition to easy automatic feeding, automatic winding head, automatic winding, precision cable, automatic winding Automatic tailing, automatic thread trimming, automatic cutting and other automatic machine basic steps, but also to achieve such as right angle outlet, pressure line into the slot and other difficult steps.

◆ The man-machine interface is simple and easy to understand, easy to operate, and responsive, and has a password storage function to prevent non-related personnel from modifying the program.

◆ All sports parts are driven by AC INOVANCE servo motor, high speed, precise positioning and long service life.

◆ Imported brands are used for important parts.

◆ The needle bar can be rotated 0 degrees, 90 degrees, and 135 degrees (optional) to achieve high-impact tangles, outlets, and tangents.

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Application scope

- ◆ Inductor coil
- ◆ Relay coil
- ◆ LCD backlight high and low voltage coils
- ◆ ignition high and low voltage coil
- ◆ sensor coil
- ◆ Solenoid valve coil
- ◆ Car injector coil
- ◆ Automobile ABS, charger coil
- ◆ automotive instrument coil
- ◆ Auto brake coil
- ◆ Switching power transformer
- ◆ EE type transformer
- ◆ EI type transformer
- ◆ stepper motor coil
- ◆ Other parallel outer coils

Optional device:

- ◆ Tensioner
- ◆ stranding machine
- ◆ Pressing angle device

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- ◆ Pneumatic Cutting Shears
- ◆ loose line device
- ◆ Double wire and around
- ◆ Automatic upper and lower skeleton device
- ◆ automatic tape device, etc.

Packing

- 1.Packing: wooden box
- 2.Packing size: length: 1000 width: 1100 height: 1400mm
- 3.Package weight: 780Kg



PRACTICAL APPLICATION :

Training for Customers on GWP4-200 Automatic Four Spindles Coil Winding Machine Operation

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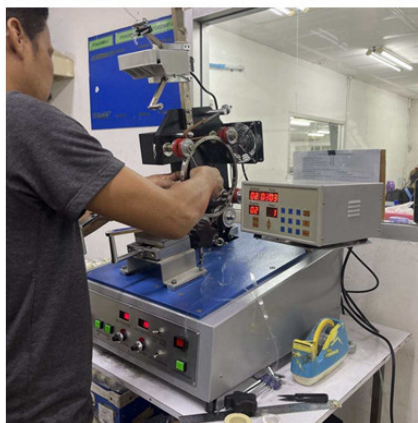
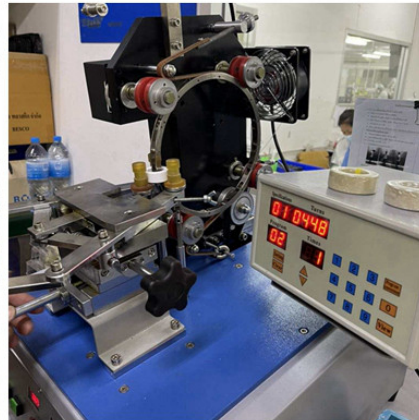
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1. All service engineers with 10 years of experience have received special technical training, including specialized expertise in the GWP4-200 Automatic Four Spindles Coil Winding Machine, enabling them to effectively handle various breakdown issues specific to this multi-spindle winding equipment.
2. We guide users to accurately operate and maintain the GWP4-200 Automatic Four Spindles Coil Winding Machine—with focused attention to its synchronized spindle mechanisms, automated controls, and coil winding precision—while providing free consultation about the production process technology related to multi-spindle coil manufacturing, particularly processes optimized for this four-spindle equipment.
3. To ensure the GWP4-200 Automatic Four Spindles Coil Winding Machine operates normally, we conduct dedicated training on its multi-spindle operations, programming, usage, and maintenance through English manuals, model-specific instructional videos, and online guidance, tailored to the unique requirements of this automatic four-spindle coil winding equipment.



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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.



FACTORY:

Founded in 1993, Grewin Industrial Group Co.,Ltd. has established itself as a well-known manufacturer specializing in high-performance winding machines, along with associated production equipment and technical support. Among its diverse product portfolio, the GWP4-200 Automatic Four Spindles Coil Winding Machine stands out as a representative solution, embodying the group's commitment to precision and efficiency in winding technology.

Grewin not only delivers advanced equipment like the GWP4-200 but also provides highly cost-effective manufacturing solutions tailored for the production of various wound components—including transformers, chokes, and more—catering to the diverse needs of industries relying on high-quality coil-wound parts.

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