



GREWIN INDUSTRIAL GROUP CO.,LTD.

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NAME:GWSX-06 Semi -automatic six -axis winding machine



FEATURES:

- ◆ Adopts 32 bit ARM control chip and CPLD, the calculation speed is faster, and the error of arranging line is reduced effectively.
- ◆ Input and output all photoelectric isolation, stable work.
- ◆ All Chinese liquid crystal display, easy to operate.
- ◆ Intelligent input winding point and wire width.

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- ◆ Intelligent deceleration of line commutation, to ensure faster line alignment and greater torque.
- ◆ Can set the spindle climbing time, real-time change the spindle speed, overspeed tracking.
- ◆ Save the winding data after power failure, effectively avoid the scrap of coil caused by sudden power failure.
- ◆ The position of the wire rack can be adjusted manually during the winding process.
- ◆ Bearing belt imported from Japan, inverter and lead rod imported from Taiwan, cast iron box, ensure stable performance.

SCOPE OF APPLICATION:

- ◆ Small and medium transformer
- ◆ Relay transformer
- ◆ High -pressure package
- ◆ Electric sensor
- ◆ The solenoid valve
- ◆ Synchronous motor
- ◆ Flux pole motor

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SPECIFICATION:

Spindle number	6
Spindle speed	0-5000rpm
Wire diameter	0.03-0.25mm (With different tension systems)
Axial spacing	89mm
Swing diameter	0-60mm
Wire Arrangement Speed	0-25mm/sec
Main Spindle motor	550W three -phase AC motor+750W inverter
Wire Arrangement Motor	two -phase hybrid step motor, static torque 2N.M
Power	single phase 220V \pm 10% 50Hz
Machine Power	700W
Machine size	Length: 920mm width: 780mm height: 620mm
Machine weight	87Kg

Description of main components:

Inverter	Domestic
Spindle motor	Domestic
Spreading Motor	The motor is made in China, 2N.M static torque, long time working without heat
Controller	Independent research and development, ARM control chip, all Chinese LCD display
Screw	Taiwan TBI,C precision
Synchronous belt	Japan BANDO
V -shaped band	Japan BANDO
Bearing	Japan NSK
Tensioner	Mechanical, independently developed
Spindle row box cast	Iron box independent research and development
Other mechanical components	Independent research and development

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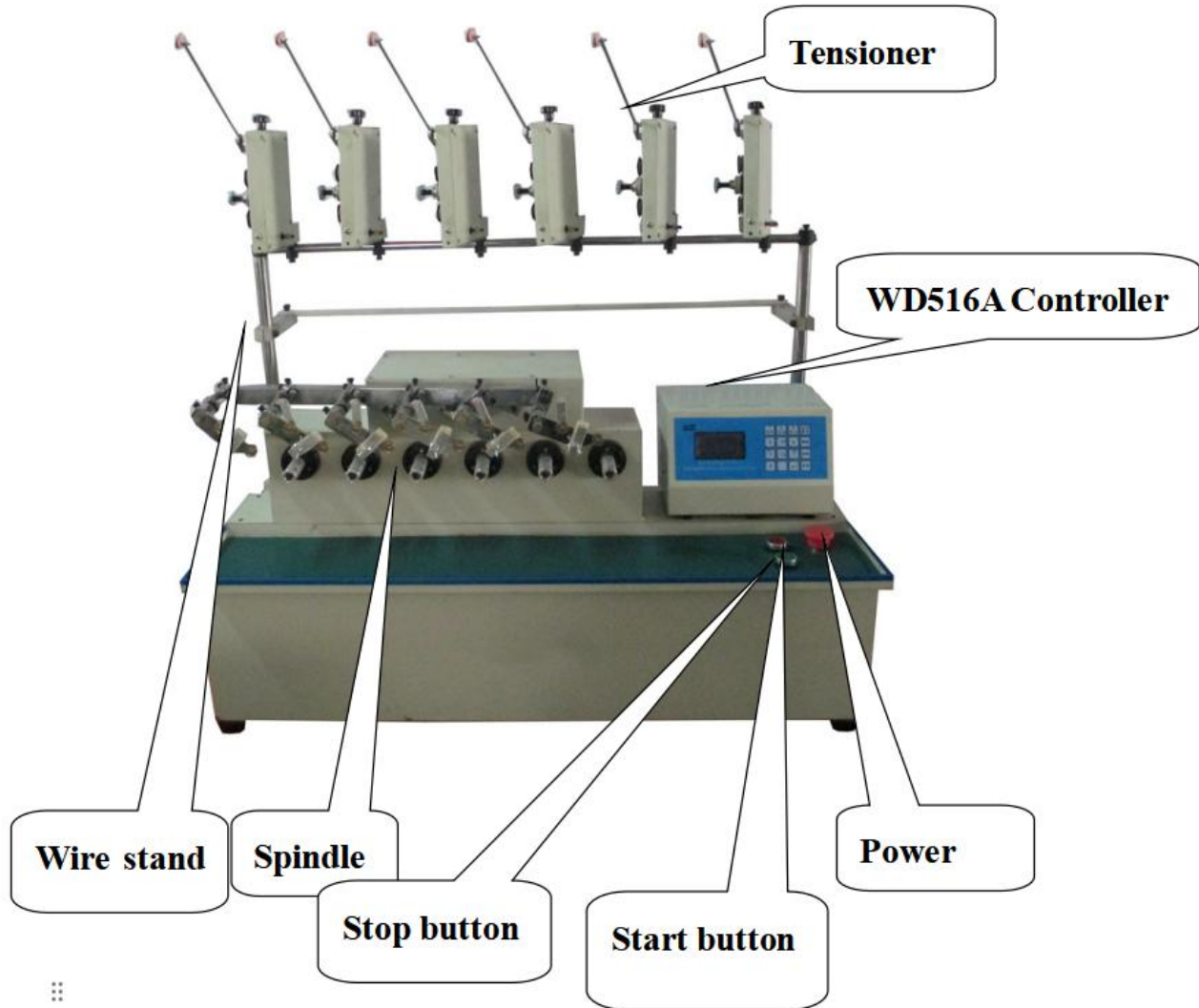
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PRODUCT PICTURE:

The picture is for reference only, the final product varies according to different customer needs.



SOFTWARE FUNCTION:

◆ Skeleton basic parameter input. Start winding point, row width, row spacing, number of winding turns, start slow train, stop slow train, spindle positioning, spindle low speed, spindle high speed,

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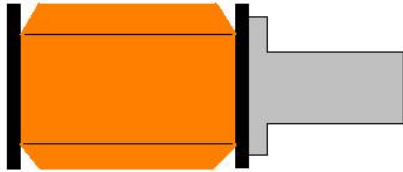
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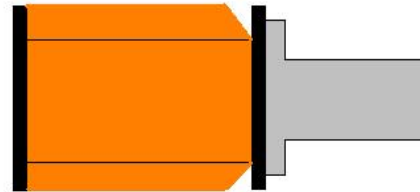
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spindle direction, line direction, layer stop.

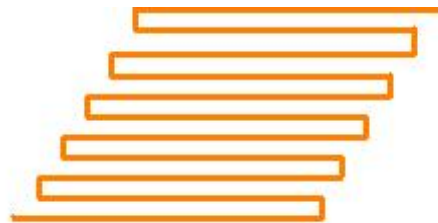
- ◆ Spindle climbing time setting, special winding function selection (as shown below).



Both ends of the indentation



Single indent



Antenna winding

- ◆ The system has 1450 data storage space, and can save up to 999 skeleton parameters. The debugged skeleton parameters can be permanently saved. When replacing the product, only the corresponding fixture needs to be replaced and the corresponding skeleton parameters can be selected.
- ◆ When winding suddenly power off, the system saves the final winding state, after powering on again, press the start button to continue winding the unfinished coil.
- ◆ Special function can be customized software.

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PACKING:

- ◆ Packing manner: wooden case
- ◆ Packing size: length:950mm; width:600mm; height:550mm
- ◆ Packing weight: 145Kg



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PRACTICAL APPLICATION :

TRAINING CUSTOMER TO OPERATE WINDING MACHINE :

1.All service engineers with 10 years experience are gotten special technology training, who can deal with various breakdown problem.

2.Guide the user to use accurately and how to maintain the Multi Spindle Coil Winding Machine.

Provide free consultation about production process technology of electronic products.

3.In order to guarantee the machine used normally, we'd have training on how to operate, use and maintain our product by English manual, video, guiding on line.

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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 Multi Spindle Coil Winding

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

2.Wooden case package: For larger scale Multi Spindle 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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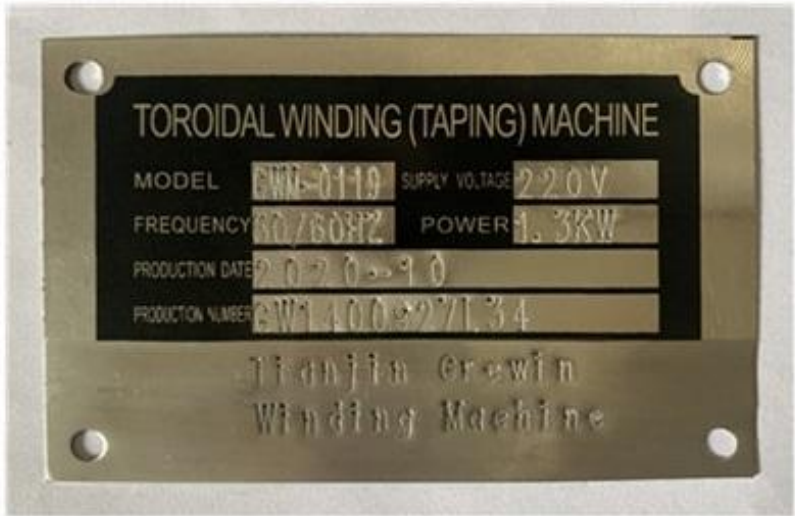
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FACTORY:

We-GREWIN INDUSTRIAL GROUP is expert in winding machines lines for 28Years. Our Grewin have ISO9001:2015, CE approvals,Machines'Patents,"high-tech enterprises"by the government.



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