



GREWIN INDUSTRIAL GROUP CO.,LTD.

TEL/WhatsApp: +86 18622096679

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GWSX-9 Parallel coil winding machine for bobbin transformer



SPECIFICATION:

Spindle number	1
Spindle speed	0-1200rpm
Wire diameter	0.1-1.5mm
Tensioner adapts to line diameter under nominal	0.10-0.50mm
Winding diameter	0-280mm
Winding width	0-180mm
Wiring speed	0-22mm/sec
Spindle motor	750W three-phase AC motor +750W frequency converter
Spreading Motor	Two-phase hybrid stepper motor, static torque 2N.M
Power Supply	Single-phase 220V±10% 50HZ
Machine Power	1.7KW
Machine size	900*500*665mm
Machine weight	110Kg
Multi-line and round	Changing part of the configuration enables multi-wire and winding

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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.
- ◆ 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.

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SCOPE OF APPLICATION:

- ◆ Medium size transformer
- ◆ Solenoid valve coil
- ◆ Multi-tap coil
- ◆ Layer wrapping tape coil
- ◆ Precision flat winding coil
- ◆ Coil with larger diameter
- ◆ Hot silk coil

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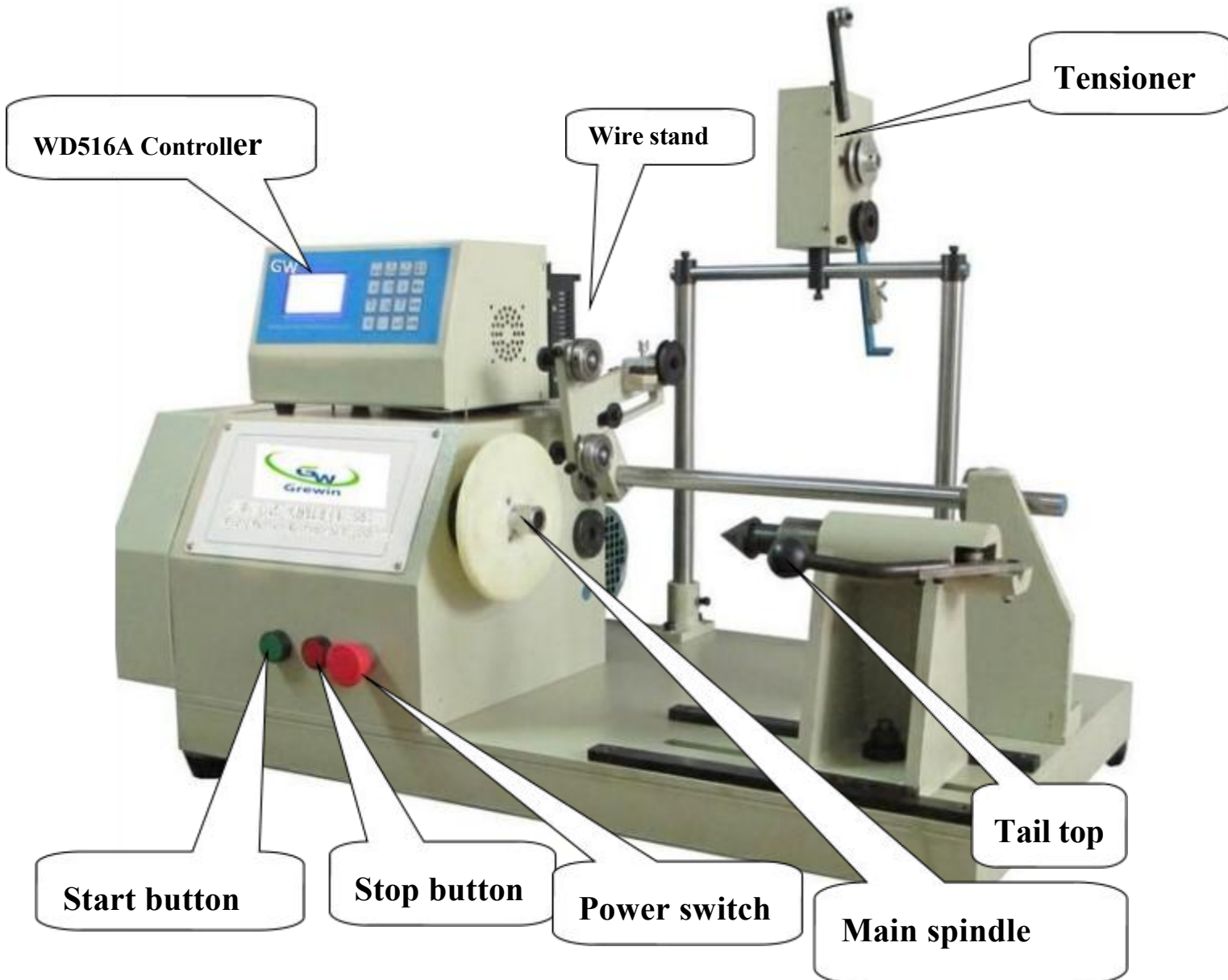


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PRODUCT PICTURE:



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

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Description of main components:

Inverter	Domestic COVO
Spindle motor	Domestic
Spreading Motor	The motor is made in domestic KINCO, 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
Bearing	Japan NSK
Tensioner	Mechanical, independently developed
Spindle row box cast	Iron box independent research and development
Other mechanical components	Independent research and development

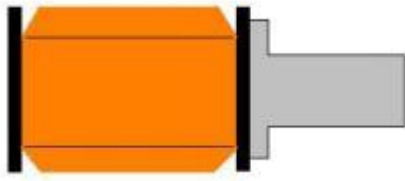
SOFTWARE FUNCTION:

◆ 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, spindle direction, line direction, layer stop.

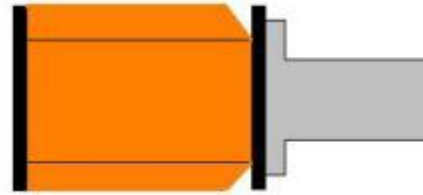
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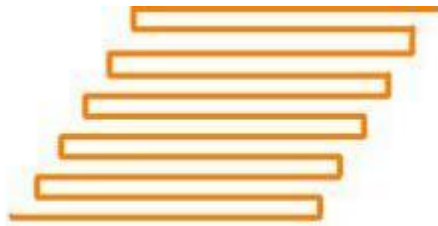
◆ Spindle climbing time setting, special winding function selection (as shown below).



Both ends of the indentation



Single indent



Antenna winding

◆ The position of the wire rack can be manually adjusted in the winding process to achieve fine tuning of the precise wire arrangement. This feature needs to be customized.

◆ 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.

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- ◆ 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.

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 MACHNE :

- 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 e lectronic 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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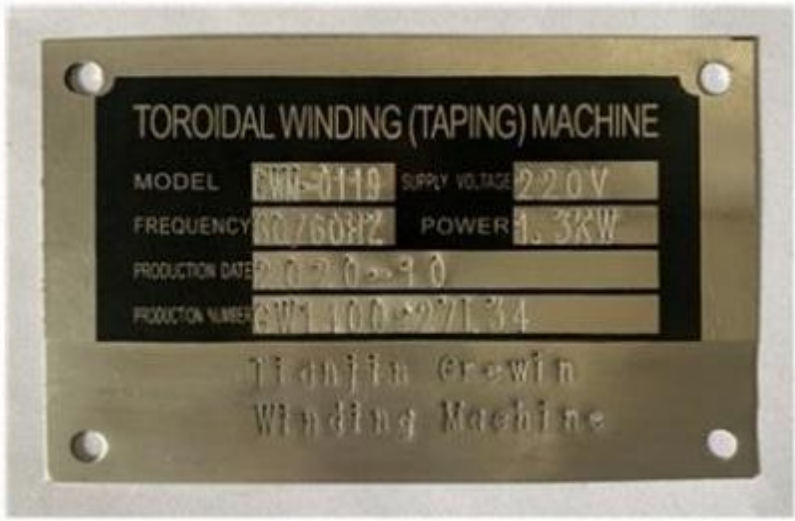
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FACTORY:

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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