



**GREWIN INDUSTRIAL GROUP CO.,LTD.**

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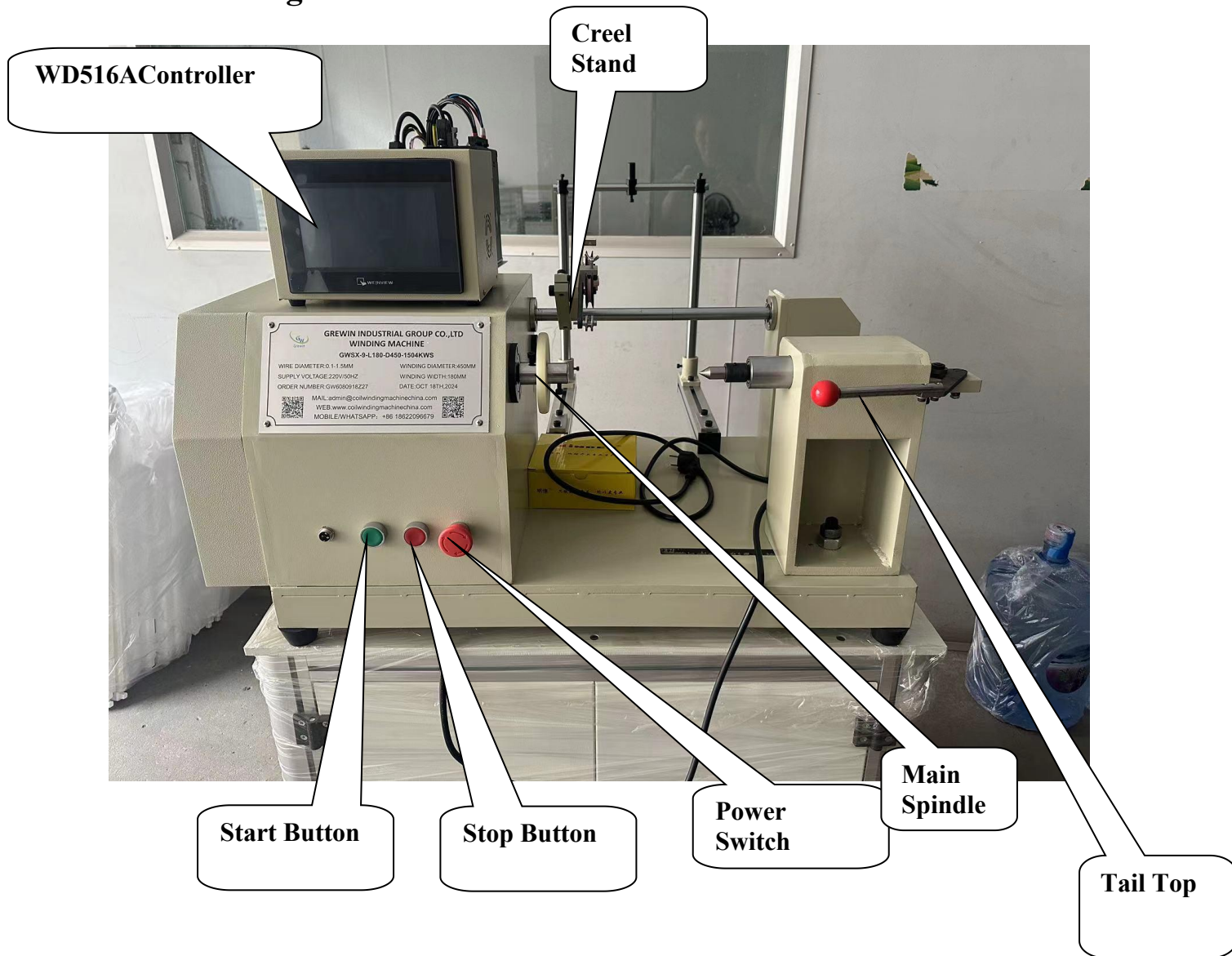
**Mail: admin@coilwindingmachinechina.com**

**Web:www.coilwindingmachinechina.com**



**GWSX-9-L250-D300-25075KWS**

**NAME : Desktop single axis high-power dual servo precision wire winding machine**



### ● Product features

- ◆ Using 32-bit ARM control chip, Xilinx CPLD, the operation speed is faster, effectively reducing the line error.
- ◆ All input and output are optically isolated, working stably.
- ◆ Full LCD display in English, easy to operate.
- ◆ Intelligent input winding point and winding width.
- ◆ The winding frame is reversing intelligently decelerating to

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ensure a faster torque at the same time.

- ◆ You can set the spindle accelerating time in controller, change the spindle speed in real time, and overspeed tracking.
- ◆ Saving the winding data automatically when power-down, effectively avoiding coil scrapping caused by sudden power failure.
- ◆ The position of the winding frame can be manually adjusted during the winding process.
- ◆ Intelligently input the starting point and the width of the cable.

### ● Adapted products

- ◆ Electronic transformer coil
- ◆ Relay coil
- ◆ High voltage wrapped coil
- ◆ Inductance coil (except ring inductance)
- ◆ Shaded pole motor coil
- ◆ Synchronous motor coil
- ◆ Solenoid valve coil

### ● Technical parameters

Number of spindles	1
Spindle speed	0-600rpm
Wire diameter	0.02-2.0mm (with different tension system)
Rotary diameter	0-280mm
Moving travel	0-250mm
Spindle motor	2500W Inovance brand servo motor
Moving motor	750W Inovance brand servo motor
Power supply	3 phase 380V±10% 50HZ
Machine power	3500W
Machine size	L: 1300mm W: 600mm H: 650mm

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Machine weight	160Kg
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● **Main component description**

Controller	controller, with Weilun 7 inch full LCD touch screen in English
Screw	TBI, C-class precision
Timing belt	BANDO
Bearing	NSK
Tensioner	Mechanical by Self development
Main cabinet	Cast iron cabinet Self development
Working platen	Cast iron platen Self development

● **Software function**

◆ The position of the winding frame can be manually adjusted during winding to achieve fine adjustment during winding. This feature requires customization.

◆ The system has 1450 slots of data storage space, which can store up to 999 kinds of bobbin parameters. The debugged bobbin parameters can be saved permanently. When replacing the product, just replace the corresponding fixture and select the corresponding bobbin parameters.

◆ Sudden power-off during winding, the system saves the final winding state. After power-on again, press the start button to continue winding the unfinished coil.

◆ Special features can be customized software.

**PACKAGING:**

Packaging Material: Carton/Wooden case with foam inside.

◆ General package(Paper carton or plastic bag): For small equipped parts for Hook Type Transformer Winding

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

◆ Wooden case package: For larger scale Hook Type Transformer 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.

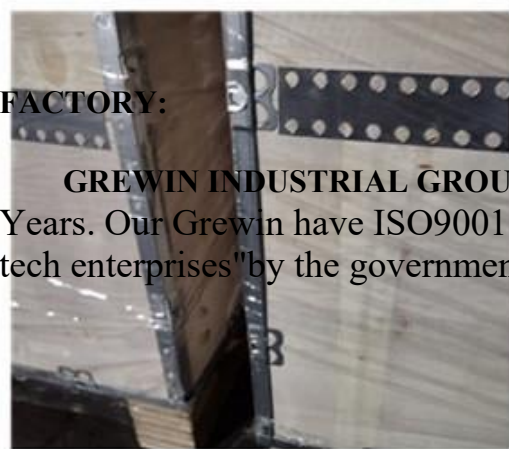
◆ Package size: Length: 1350mm; Width: 650mm; Height: 750mm

◆ Packing weight: 180Kg



**FACTORY:**

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



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