KIOXIA LIGHT RING EQUIPMENT GROUP CO.,LTD.

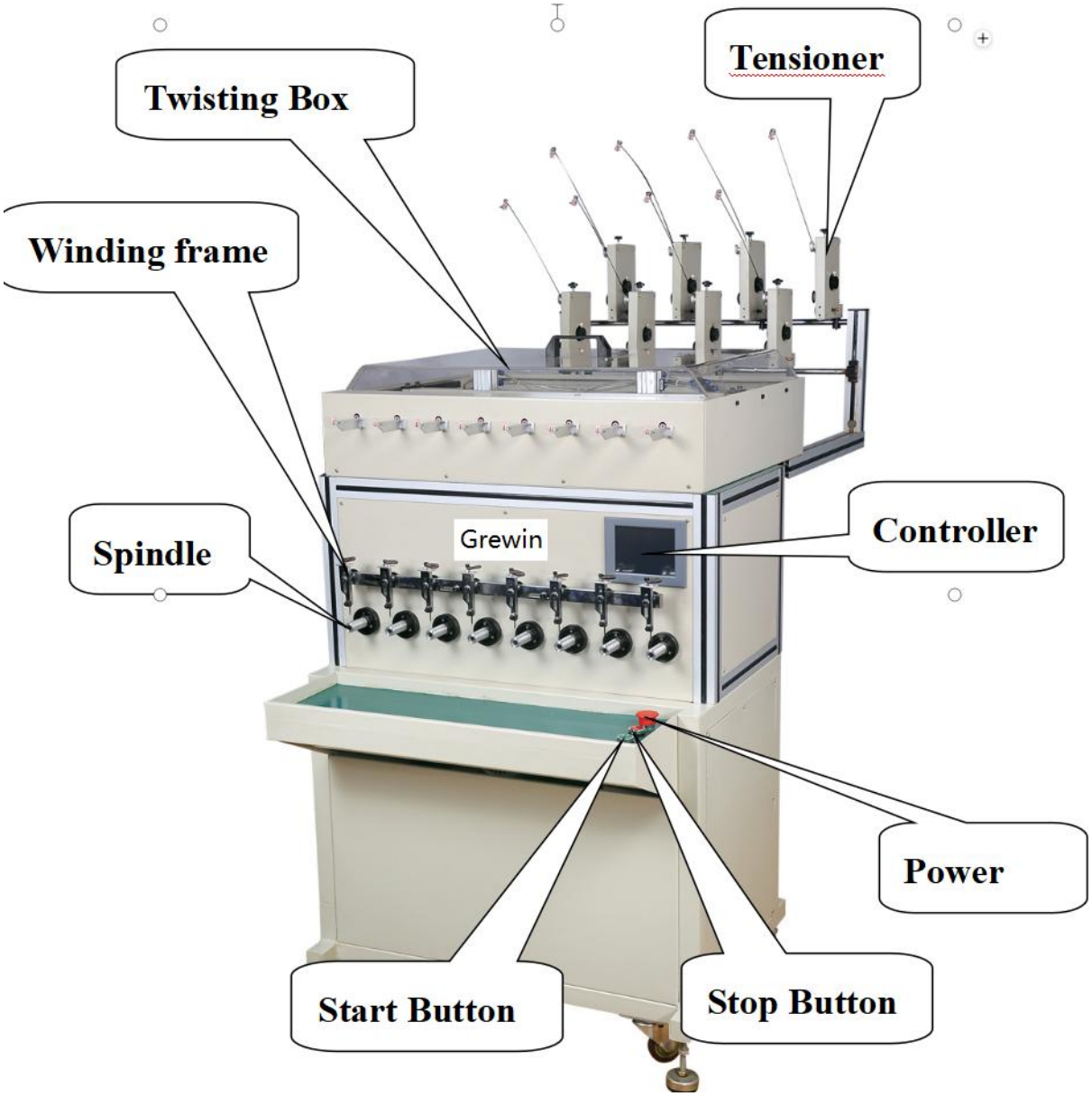
TEL/WhatsApp: +86 17622605414

Mail: admin@transformercoilwindingmachine.com

Web:www.transformercoilwindingmachine.com

KX-100J

8-Axis Stranded 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 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.

●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.

Equipment parts :

Controller	KIOXIA LIGHT RING controller, with 7 inch 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

Machines Details

Number of spindles	8
Spindle speed	0-10000rpm
Wire diameter	0.02-0.29mm (with different tension system)
Rotary diameter	0-50mm
Moving travel	0-60mm
Spindle motor	550W+1HP Inverter
Moving motor	Stepper Motor
Twisting motor	400W Servo Motor
Twisting speed	0-3000rpm
Twisting length	50-250mm
Power supply	2 phase 220V±10% 50HZ
Machine power	1.1KW
Machine size	L：1000mm W：800mm H：1400mm
Machine weight	200Kg

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● 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

PACKAGING:

Packaging Material: Carton/Wooden case with foam inside.
1.General package(Paper carton or plastic bag): For small euipped parts for Hook Type Transformer Winding
Machine, Package it with form and pack paper to guarantee unbroken during the transport.
2.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 cas e to prevent crack and shock.

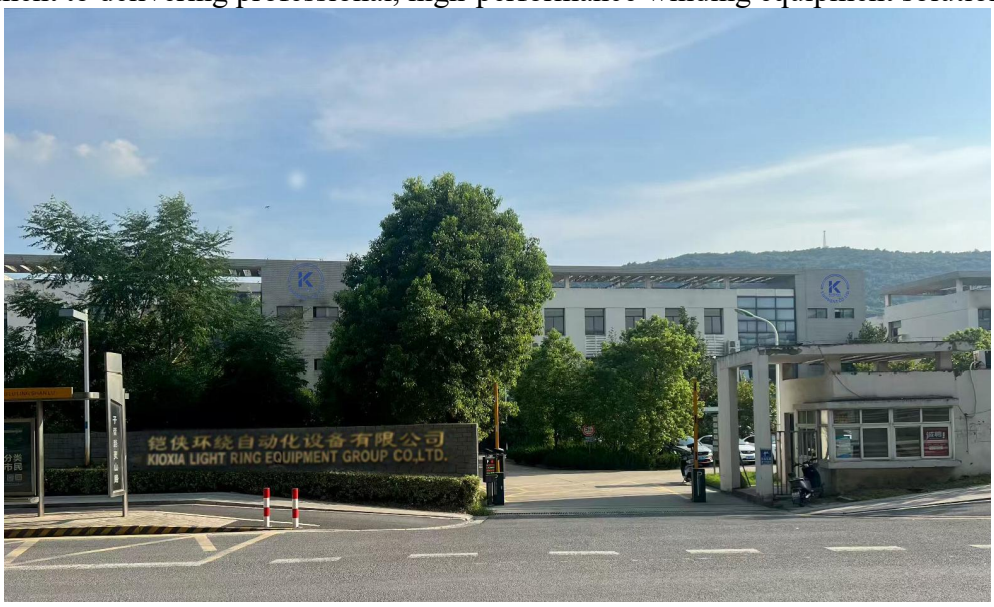


Add: Building G, No.209 Zhonghuan East Road, Free Trade Zone (Airport Economic Zone), Tianjin

FACTORY:

We, KIOXIA LIGHT RING EQUIPMENT GROUP CO.,LTD. have been experts in winding machine lines for 28 years, with our sophisticated product range including high-precision equipment like the KX-100J 8-Axis Stranded Wire Winding Machine—an advanced 8-axis solution engineered for intricate stranded wire winding operations, showcasing our technical expertise in multi-axis coordinated control technology.

Our KIOXIA LIGHT RING brand holds authoritative certifications and recognitions, including ISO9001:2015, CE approvals, multiple machine patents (covering key innovations in models like the KX-100J 8-Axis Stranded Wire Winding Machine), and the official designation of "high-tech enterprise" by the government. These credentials fully validate the reliability, precision, and technical excellence of our entire product portfolio, reinforcing our commitment to delivering professional, high-performance winding equipment solutions.



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