KIOXIA LIGHT RING EQUIPMENT GROUP CO.,LTD.

TEL/WhatsApp: +86 17622605414

Mail: admin@transformercoilwindingmachine.com

Web:www.transformercoilwindingmachine.com

NAME:KXS-9 Automatic Fishing Line Winding Machine



KIOXIA LIGHT RING EQUIPMENT GROUP CO.,LTD.

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

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SPECIFICATION:

Spindle number	1	**Spindle speed**	High speed:0-3200rpm Low speed0-1600rpm
Wire diameter	0.02-1.2mm (suitable tensioner must be selected)	**Tension system**	according to the wire diameter
Max rotary diameter	300mm	**Max wire spacing**	180mm
Max wiring speed	33mm/ s	**Spindle motor**	550W three-phase AC motor +750W inverter
Spread motor	two-phase hybrid stepping motor, static torque 2N.M	**Power supply**	single-phase 220V±10% /50HZ
Machine power	700W	**Machine size**	64*54*63cm
Machine weight	65Kg	**Multi-wire and wrap**	Change some configurations to achieve multi-wire and wrap

● Description of main components

Frequency converter:	domestic brand	**Spindle motor**	domestic brand
Wire motor	domestic brand, 2N.M static torque, no heat for a long time	**Controller:**	Independently developed, ARM control chip, all Chinese LCD display
Lead screw:	Taiwan TBI, Class C accuracy	**V-belt:**	Sakato, Japan
Bearing:	Japan NSK	**Tensioner:**	domestic brand magnetic tensioner
Spindle row box:	cast iron box, independently developed	**Other mechanical parts:**	independent research and development

FEATURES:

◆ Adopt 32-bit ARM control chip, Celinth CPLD, faster calculation speed, effectively reduce line error.

◆All input and output photoelectric isolation, stable work.

◆All Chinese liquid crystal display, easy to operate.

◆Intelligent input winding point and line width.

◆Intelligent deceleration of line commutation, to ensure faster line routing with greater torque.

◆ Spindle climbing time can be set, real-time change spindle speed, overspeed tracking.

◆ Save winding data after power failure, effectively avoid coil scrap caused by sudden power failure.

The position of the wire rack can be manually adjusted during the winding process.

◆ Adopt bearing belt imported from Japan, ball screw imported from Taiwan, cast iron box, to ensure stable performance.

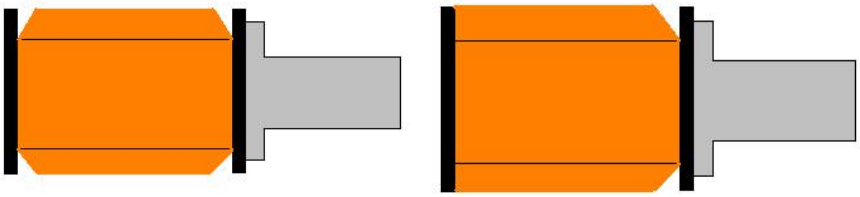
Range of adaptation:

Transformer;High frequency transformer;Solenoid valve coil;Multi-tapped coil;Wrap the tape coil;Precision flat winding coil;Coil with large diameter

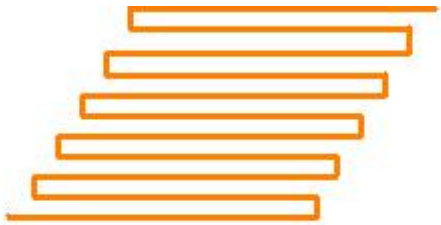
ADVANTAGES:

◆Input of skeleton basic parameters. Winding point, width of row, spacing of row, number of winding, starting slow train, stopping slow train, spindle positioning, spindle low speed, spindle high speed, spindle direction, row direction, layer stop.

◆Spindle climbing time setting, special winding function selection(as picture)



End indent　　Single ended indent



Antenna winding

◆In the winding process, you can manually adjust the position of the cabling rack to

realize fine tuning during the precise cabling. This function needs to be customized by users.

◆The system has 1450 segments of data storage space, and can store up to 999 skeleton parameters. Debug good skeleton parameters can be permanently stored, replace the product, only need to replace the corresponding fixture, select the corresponding skeleton parameters.

◆ 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 functions can be customized software

Packaging

Packaging Material: Carton/Wooden case with foam inside. 1. General package(Paper carton or plastic bag): For small equipped parts for Digital CNC Wire Coil Winding Machine, Package it with form and pack paper to guarantee unbroken during the transport. 2.Wooden case package: For larger scale Digital CNC Wire 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.



Market Area

We work closely with Southeast Asia, European, America, South America, Australia, New Zealand partners to provide local sales, support and service assistance for coil winding machines.

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FACTORY:

Founded in 1993, KIOXIA LIGHT RING EQUIPMENT GROUP CO.,LTD. has established itself as a well-known manufacturer specializing in high-performance winding machines, along with associated production equipment and technical expertise. A notable offering in its diverse product lineup is the KXS-9 Automatic Fishing Line Winding Machine—an automated solution engineered for efficient and precise fishing line winding operations, expanding the company's capabilities beyond traditional industrial winding applications.

Beyond delivering specialized equipment like the KXS-9 Automatic Fishing Line Winding Machine, KIOXIA LIGHT RING provides highly cost-effective comprehensive manufacturing solutions. These solutions cater to the production needs of various wound components, including transformers, chokes, and fishing line products, ensuring reliable support for efficient, high-quality processing across diverse winding applications.





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