KIOXIA LIGHT RING EQUIPMENT GROUP CO.,LTD.

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NAME: KXP-99-50 Automatic Eight Spindles Coil Winding Machine



KIOXIA LIGHT RING EQUIPMENT GROUP CO.,LTD.

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

Specifications：

Number of winding spindles	8\10\12\16
Spindle speed	10000rpm
Wire diameter	0.05-0.6mm (more than 0.4mm need to add different accessories)
Spindle spacing	126mm\99mm\81mm\60mm
Maximum bobbin outer diameter	60mm\45mm\40mm\28mm
Spindle Inner Diameter	Standard：10mm Special ：12mm\14mm
Guide pin moving range	X:80 Y:100 Z:70 mm
Winding motor power	1.5KW\2.0KW
X\Y\Z axis power	400W\750W
Pressure	0.4-0.65Mpa
Supply voltage	AC220V±10% 50HZ
Total power	2.8KW\4.0KW
Machine size	Length：1100mm Width：1000mm Height：1400mm
Machine weight	800Kg

Description of main parts

Winding servo motor	Panasonic Japan
X/Y/Z-axis servo motor	Panasonic Japan
Control System	Weiding high-precision six-axis motion controller
Human-machine interface	7-inch WEINVIEW touch screen
Screw guide	Taiwan TBI, grade C accuracy
Timing belt	BANDO Japan
Bearing	NSK Japan
Sensors	Omron
Tensioner	High-precision magnetic tensioner
Spindle box	Cast iron box
Worktable board	Cast iron platen
Other mechanical components	Independent design

Features:

1.The spindle box of this machine adopts the fine processing of the whole material to minimize assembly errors caused by assembly and ensure the relative position of each part and the long-term use.

2.The control part adopts the most advanced multi-axis motion control system, with excellent performance such as straight line, circular interpolation, spiral wrap, etc., in addition to easy automatic feeding, automatic winding head, automatic winding, precision cable, automatic winding Automatic tailing, automatic thread trimming, automatic cutting and other automatic machine basic steps, but also to achieve such as right angle outlet, pressure line into the slot and other difficult steps.

3.The man-machine interface is simple and easy to understand, easy to operate, and responsive, and has a password storage function to prevent non-related personnel from modifying the program.

4.All sports parts are driven by AC Panasonic servo motor, high speed, precise positioning and long service life.

5. Imported brands are used for important parts.

6.The needle bar can be rotated 0 degrees, 90 degrees, and 135 degrees (optional) to achieve high-impact tangles, outlets, and tangents.

Application scope

1.Inductor coil

2.Relay coil

3.LCD backlight high and low voltage coils

4.Ignition high and low voltage coil

5.Sensor coil

6.Solenoid valve coil

7.Car injector coil

8.Automobile ABS, charger coil

9.Automotive instrument coil

10.Auto brake coil

11.Switching power transformer

12.EE type transformer

13.EI type transformer

14.Stepper motor coil

15.Other parallel outer coils

Optional device:

1.Tensioner

2.Stranding machine

3.Pressing angle device

4.Simple cutter

5.Loose line device

6.Double wire and around

7.Automatic upper and lower skeleton device

8.Automatic tape device, etc.

Packing

1.Packing: wooden box

2.Packing size: length: 1000 width: 1100 height: 1400mm

3.Package weight: 780Kg



PRACTICAL APPLICATION :

TRAINNING 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 Eight Spindle Motor Coil Winding Machine .

Provide free consultation about production process technology of electronic Eight Spindle Motor Coil Winding Machine .

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

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FACTORY:

Founded in 1993, KIOXIA LIGHT RING EUIPMENT GROUP CO.,LTD. has established itself as a well-known manufacturer specializing in high-performance winding machines, along with supporting production equipment and professional technological services. A key offering in its advanced product portfolio is the KXP-99-50 Automatic Eight Spindles Coil Winding Machine—a sophisticated solution featuring eight spindles for simultaneous operation, designed to deliver superior efficiency and precision in coil winding processes while reflecting the company's dedication to excellent performance.

In addition to providing core equipment like the KXP-99-50 Automatic Eight Spindles Coil Winding Machine, KIOXIA LIGHT RING offers highly cost-effective comprehensive manufacturing solutions. These solutions address the production needs of various wound

components, including transformers, chokes, and more, ensuring reliable support for efficient, high-quality processing across diverse winding applications.



