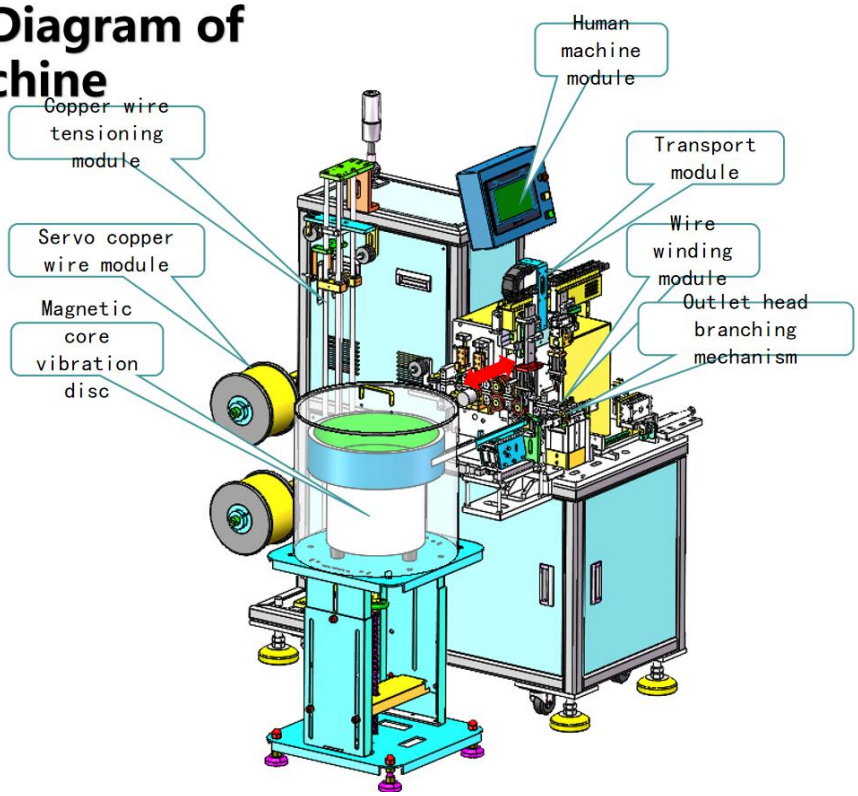
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KXD-V18

NAME：Fully Automatic Vertical Winding Machine

➢Schematic Diagram of Winding Machine



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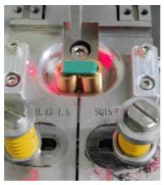
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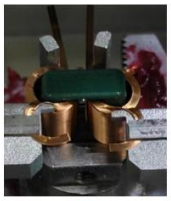
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➢Equipment process flow diagram

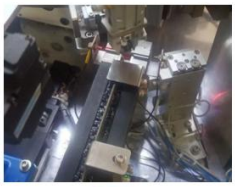
1. Automatic winding



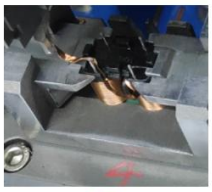
2. Automatic winding



3. Automatic bobbin



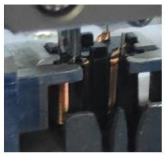
4. Automatic hanging1、2



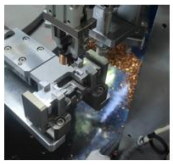
1. thread cutting1、2



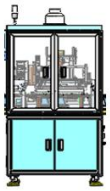
2. Automatic threading 1 and1、2



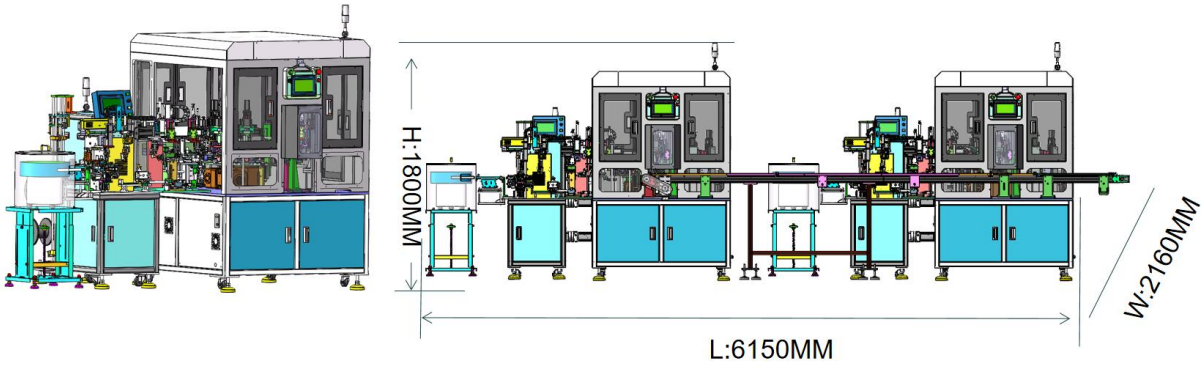
3. Automatic unloading



4. Connect the back segment



➢Overall form factor diagram of the device



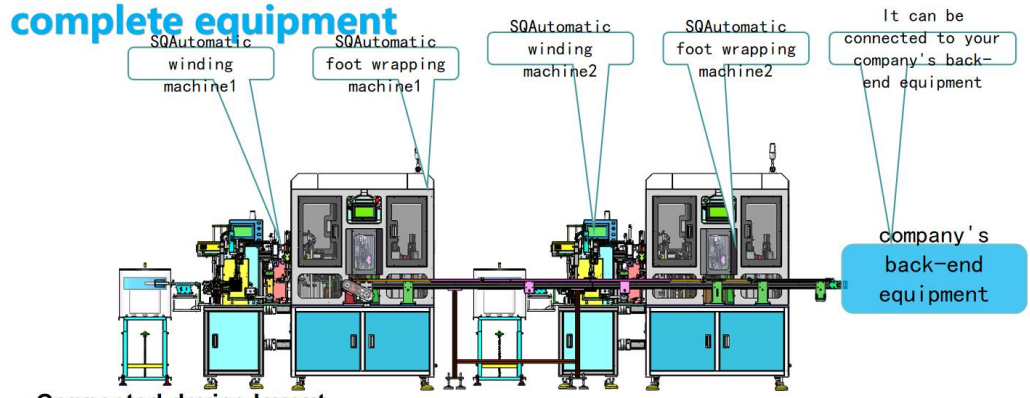
1.Device features: SQ Vertical winding foot winding machine.
2.Equipment size: as shown in the figure (actual design shall prevail).
3.The rear section can be connected to equipment: soldering, dispensing, baking, testing, laser marking, automatic foot straightening, and plating equipment.
4.Labor: Manual addition of materials (core and skeleton) to replace copperwires.

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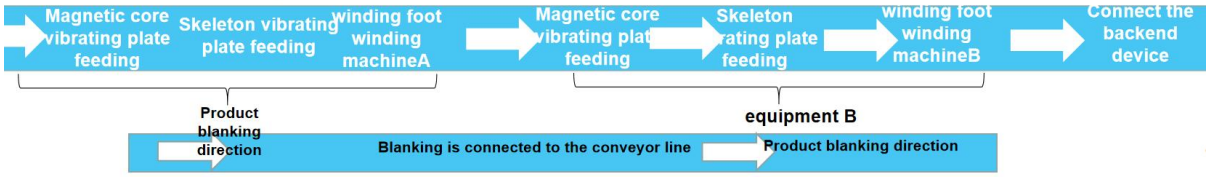
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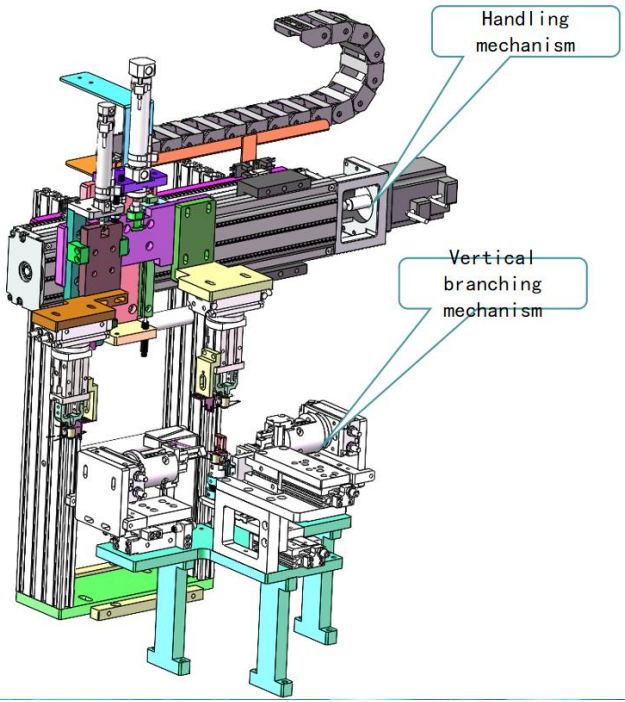
➢Schematic diagram of the complete equipment



Connected device layout:



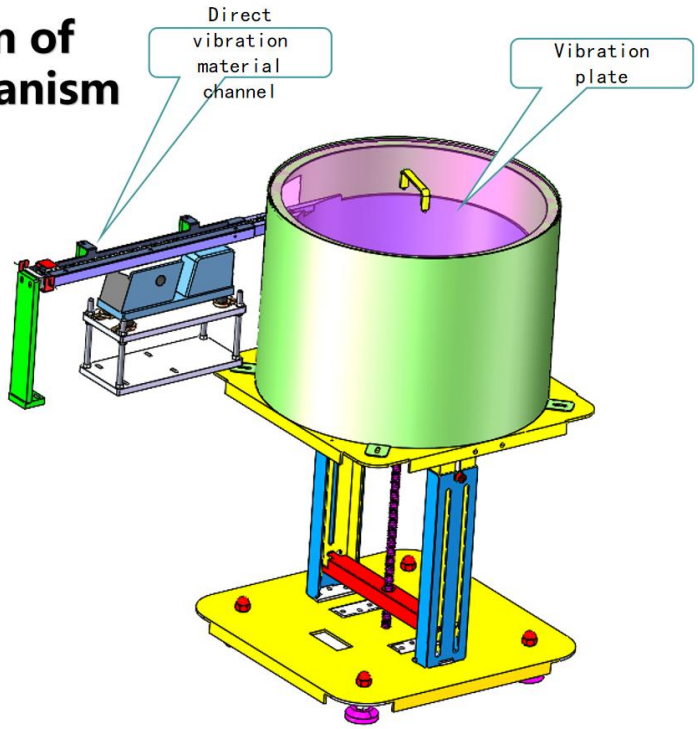
➢Handling and distribution mechanism after winding



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➢Schematic diagram of vibration disc mechanism



PRODUCT EVALUATION FORM

S/N	ITEM	INSTRUCTIONS
1	Regular products	Special products require evaluation by the technical department
2	Scope of application of wire diameter	0.1-0.25 thickness, width 1.0-2.5MM
3	Scope of application of magnetic core	SQ12-SQ19
4	Capacity	SQ12-SQ19------600pcs/H WIRE DIAMETER0.1-0.15------600PCS/H WIRE DIAMETER0.2-0.25------500PCS/H
5	Minimum PIN distance	Refer to Figure 1

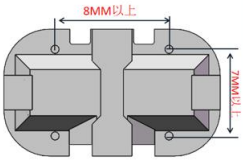


Figure 1

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MAIN COMPONENT PARTS

№	Parts
1	Motor
2	Cylinder
3	Solenoid valves
4	Sensor
5	Main controller
6	Screw/guide

DEVICE PARAMETER EVALUATION FORM:

Device parameter evaluation form			
S/N	**Project name**	**Device parameters**	**Remarks**
1	Equipment Name	SQ(Vertical) winding foot winding machine	
2	Equipment Kind	Fully automatic machine	
3	Production efficiency	≥1200 (PCS)	Dual machine connection
4	Output	98%	No material factor
5	Device voltage	220v/50-60HZ	
6	Device power	5 KW	
7	Air pressure	0.5~0.8Mpa	

Note: 1. The above parameters are evaluated under ideal conditions, such as poor incoming materials, improper operation, and other factors have an impact.
2. The customer provides 4000 sets of test machine materials (including winding and foot wrapping machines).

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PRODUCT DISPLAY:



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.



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FACTORY:

We, KIOXIA LIGHT RING EQUIPMENT GROUP CO.,LTD., have been experts in winding machine lines for 28 years, with our advanced product portfolio featuring cutting-edge solutions like the KXD-V18 Fully Automatic Vertical Winding Machine—a fully automated vertical-design equipment engineered for high-efficiency, precise winding operations, embodying our technical prowess in developing intelligent, automated winding technologies.

Our KIOXIA LIGHT RING brand holds authoritative certifications and recognitions, including ISO9001:2015, CE approvals, multiple machine patents (encompassing core innovations applied to models like the KXD-V18 Fully Automatic Vertical Winding Machine), and the official designation of "high-tech enterprise" by the government. These credentials fully validate the reliability, safety, and technical excellence of our entire product range, reinforcing our commitment to delivering professional, automated winding equipment solutions.





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