

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

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# Servo external winding machine





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Servo external winding machine GW-M60		Technical parameter Requirements	Properties: Special/critical/ important/average
1	Scope of application	a The nuclear equipment is suitable for stator cores with different thicknesses, ranging from 15mm to 30mm. The adjustment time is less than 15 minutes when the core thickness is changed.  b Stator core inner diameter ∮ 20- ∮ 100, according to the inner diameter of the wire make winding jigs.	Important
2	characteristics	a、Stator change stack thickness, do not need to change the mold(15mm-30mm). b、Mould hardness should be greater than HRC50. c、The equipment can realize automatic line separation. d、The number of coils can be changed with the motor design. e、The coil can be divided into poles winding itself.	Important
3	Product qualification rate	a. The insulation film and stator will not be damaged when winding. b. The qualified rate reaches 99.5% or more.	Important
4	Equipment beat	a Production beat of single equipment <2 minutes (double station)  b Production quantity of 10 hours: >600 sets。	Important
5	Device configuration	a. The winding die must be durable, made of high quality materials, heat treated and hard chrome plated on the surface; b. The spindle motor uses a 1200-watt Panasonic servo, Running speed is fast and accurate. c. The main control system adopts electronic integrated board, which has quick response and stable operation. d. Control table adopts man-machine interface, convenient parameters and equipment, and simple and easy to operate.	Important
6	Safety requirements	a. The equipment meets ROHS requirements.  b. The equipment adopts manual, semi-automatic and automatic operation mode, and the safety protection net is installed around the equipment.	Important



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		c、If there is any abnormality in the production process,	
		there is an alarm and protective measures to prevent	
		injury or damage to people and the equipment.	
	Quick change request	a、The mold and the equipment are connected with a	
7		quick change device (such as: not limited to the bit pin,	
		quick change bolt, positioning plate, etc.	
		b、The signal induction device of the mold is fully	Important
		equipped,And a quick change connector connection.	
		c、Replace the whole set, installation and debugging ≤20	
		minutes.	