



GREWIN INDUSTRIAL GROUP CO.,LTD.

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GW-AM-080 Fully Automatic Single Station Toroidal CMC Hook Machine



GREWIN INDUSTRIAL GROUP CO.,LTD.

Add: The fourth floor A-A3 zone aviation business area,Dongli Distr,Tianjin,China.



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设备型号 Device model	GW-AM-080 Fully Automatic Single Station Toroidal Hook Machine
磁环最小最大加工尺寸 Minimum and maximum processing dimensions of magnetic core	内径:最小 4mm 外径最大:25mm Inner diameter: minimum 4mm Maximum outer diameter: 25mm
主轴最大转速 spindle maximum speed	3000rpm
AC 伺服马达 AC servo motor	绕线主轴: 400W Winding spindle: 400W
排线电机/上下料电机 Wiring motor/loading and unloading motor	57 步进/42 步进 57 steps/42 steps
排线角度 wire arrangement angle	360 度 1 圈, 设定单位 0.1 度 360 degrees per circle, setting unit is 0.1 degrees
轴停精度 Axis stopping accuracy	正负 1 度 plus or minus 1 degree
适用磁环规格 Applicable magnetic core specifications	最大外径:25; 最小内径:2; 最大厚度:12 Maximum outer diameter: 25; Minimum inner diameter: 2; Maximum thickness: 12
适用线径 Applicable wire diameter	0.25mm-1.5mm
排线方式 wire arrangement	正反排 (可自动抽线头) Front and back arrangement (can automatically pull out wire ends)
轴移动量 Axis movement amount	XB:150mm / YB:120 度 ZB/30mm XB:150mm / YB:120 degree ZB/30mm
轴移动速度 Axis moving speed	300mm/sec
控制方式 control method	CNC 5 轴控制板卡 (自主研发) CNC 5-axis control board (independent research and development)
储存方式 Storage method	RAM+FLASH 储存, 无资料丢失故障 RAM+FLASH storage, no data loss failure
电源电压 voltage	单相三线制 Single phase three wire system 220V,50HZ
消耗电力 consume electricity	1.0KW

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压缩空气压力 compressed air pressure	0.5-0.8MPa
设备尺寸 Equipment size	1500mm(L)×800mm(W) ×1500mm(H)
设备重量 equipment weight	200Kg

GW-AM-080 machine is a high-tech automatic loading and unloading winding and soldering machine, man-machine dialogue display screen and the nose and fixture of flexible replacement system combined with machine, by precision accessories and independently developed PLC system, powerful servo motor drive head, precision servo motor drive iron core.

The user can use the machine through the simple setting of the operation technician. GW-AM-080 is suitable for special single wire and double wire winding specifications, precision winding, maintenance free, simple repair.

This equipment is applicable to all kinds of ring coil material application manufacturing, the main components of the equipment are developed and produced by the company, self-assembled, to ensure excellent quality and processing characteristics, the best production quality guarantee and a strong publicity effect for customers, improve your competitiveness in the domestic and international markets.

1. The key parts of the machine are imported from Taiwan or Japan, with strong reliability and high durability, which greatly increases the service life of the equipment;
机器关键零部件采用台湾或日本进口,可靠性强,耐用度高,大大增长设备使用寿命;
2. Novel appearance design, simple and reliable structure, simple operation and convenient maintenance;
外观设计新颖,结构简单可靠,操作简单维护方便;
3. The equipment adopts self-developed CNC high-speed motion control board, touch screen human-machine dialogue debugging parameters, and easy-to-understand Chinese and English displays;
设备采用自主研发 CNC 高速运动控制板卡,触摸屏人机对话调试参数,中英文显示易于理解;
4. The equipment has the functions of automatic thread hanging, automatic thread cutting, automatic alarm and shutdown when disconnected, and a single person can take care of more than 8 pieces of equipment;
设备具有自动挂线,自动切线,断线自动报警停机功能,单人可以看管 8 台以上设备;

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5. The standardized design of the equipment comes with built-in plug-in module extension functions and has secondary development function modules;

设备标准化设计自带机构外挂模块扩展功能,具备二次开发功能模块;

6. The equipment wiring arrangement has high precision, the controller human-machine interface display, Chinese and English layouts can be switched between each other, 10 sets of programs can be stored, the computer can store unlimited, 20 threads and 200 lines of programmable programs, real-time display of operating parameters, such as Storage/winding, speed, number of turns, output, and product time cycle, etc. The program can set acceleration and deceleration to avoid impact breakage, the number of turns is accurate, and copper wire is saved. It can be completed

automatically: dense winding, sparse winding, forward and reverse winding, segmented winding, multi-wire parallel winding and other winding methods, suitable for winding various conventional and special-shaped inductor coils in the inductor coil, resistor coil, and transformer coil industries. 设备排线整列精度高,控制机器人机界面显示,中、英版面可互相切换,可存储 10 组程序,电脑可无限储, 20 个线程 200 行可编程程序,实时显示运行参数,如储/绕线、速度、圈数、产量、及产品时间周期等、程序可设加速度和减速度,可避免冲击断线,圈数准确,铜线更节省可全自动完成:密绕、疏绕、正反绕、分段绕、多线并绕等绕线方式,适用电感线圈、调阻器线圈、变压器线圈行业的各种常规及异形电感线圈绕线。



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PRACTICAL APPLICATION :

TRAINING CUSTOMER TO OPERATE WINDING MACHINE :

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 Digital CNC Wire Coil Winding Machine.

Provide free consultation about production process technology of electronic products.

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

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.



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FACTORY:

We-GREWIN INDUSTRIAL GROUP is expert in winding machines lines for 28 Years. Our Grewin have ISO9001:2015,CE approvals,Machines'Patents,"high-tech enterprises"by the government.



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