

MODEL VUATW- 1 AUTOMATIC TOROIDAL WINDING MACHINE

VUATW-1 全自动环型绕线机

VUATW-1 为最新推出专门针对微型环型线圈而开发的全自动环型绕线机。该机性能帮您达成无须高成本就能完成高产量、高品质产品的要求。针对微型磁芯细线、磁环内外径细小，人手取放困难的特点，VUATW-1 采用自动送磁环、自动送线等全新设计，使生产过程无需人手参与，大大减少生产工人的劳动强度。同时保证了生产出的磁芯质量稳定。以 PLC 和人机界面为核心的控制系统，使控制线路简单，操作简单，性能稳定，保留了 VU 机器一贯的易用性。此控制系统采用中/英文可切换操作界面，傻瓜式操作，只需简单培训，即可熟练掌握。滚轮采用步进电机驱动器，使线距调整简易，线距控制精确。

The VUATW-1 is an up-to-date high speed automatic winding machine to minitype coils production on large scale. This model machine can assist you to finish some production which request of high output and high quality with low cost. In order to solve down minitype core with fine wire and difficulty to operation, VUATW-1 use new design for pay-off core automatic, pay-off wire automatic. During production, it doesn't use manual operation. It decrease labour's strength. Meanwhile it guarantee the quality of coils. The user friendly PLC software guides the operator thru the programming with clear text commands. It is easy to operate the machine. It keep the feature of easy operation about VU machine. This control system use Chinese and English version. the guide roller use stepper motor driver, easy to adjust wire pitch and precision control.

机器特点/MACHINE FEATURES

- 独立储线速度及长度控制/ Independent loading wire speed and length control
- 独立排线速度及圈数控制/Independent traverse speed and turn control.
- 显示语言可中、英文切换，触摸屏操作/Display language with Chinese and English, and touch panel operation.
- 具有当前操作状态显示功能，生产状态一目了然/Display current state and easy to check data.
- 编程控制步进马达驱动铁芯向任何一方向转动/Programming control stepper motor to drive core and run to any direction.
- 控制器可储存 1000 个绕线程序，每个绕线程序可编辑 10 个不同的绕线步序，满足不同的产品需求/Controller memory 1000 winding programs, each program edit 10 pcs winding step sequence to fit for different request.
- 内设高速光纤圈数传感器，具有双数显示、调整直观方便、精确稳定的优点/Set up the high speed fiber optic sensor. It display even number. Convenience to adjust and precise steady.
- 可变线距控制，从稀疏排线到微幅精密排线都可通过编程达到既定效果/Control variable pitch, from sparse traverse to tiny traverse to get the result through programming.
- 采用伺服电机驱动，储线精度高，速度平稳，储线与排线速度切换平稳/ Use servo motor, loading wire precise highly and speed steady. Loading and traverse speed switch steady.



技术数据/TECHNICAL DATA :

最大线径	0.35mm (#24AWG)		
最小线径	0.08mm (#42AWG)	累积式绕线	可编程控制
最大成品外径	30mm (1.180")	排线电机	混合型步进电机
最小成品外径	2.8mm (0.110")	主电机	伺服电机
最小成品内径	0.8mm (0.030")	动力需求	220V, 50/60HZ
最大成品高度	10mm (0.394")	机器尺寸	1000mm*600mm*1160mm
绕线速度	速度可调, MAX480TPM	机器重量	120KG
线距	可编程控制		
分段绕线	可编程控制		