

# MODEL VU-MINI TOROIDAL WINDING MACHINE

## VU-MINI 环型绕线机

VU's modular system with interchangeable heads and roller tables from the MINI machine series. It is designed with superior components; PLC control, servomotor for head drive and precision stepper motor for core drive. The VU-MINI is different than existing MINI machines on the market: The user friendly PLC software guides the operator thru the programming with clear text commands. It is easy to operate the machine. Typical jobs for the VU-MINI are fit for all general and especially sophisticated winding applications with small coils.

VU-MINI 型机器是高科技 MINI 机种中的一款，易见液晶显示屏及结合 VU 机种灵活更换系统的机头和夹具，由现代先进配件及 PLC 可编程控制系统、精密步进马达控制铁心驱动。VU-MINI 与市面上销售的其他 MINI 型机器有很多不同，操作者可以通过 PLC 简单清晰的操作系统设定程序。VU-MINI 型机器也有包带功能。VU-MINI 适合一些特殊小线圈的绕线规格。



### MACHINE FEATURES 机器特点

- **CONTROLLER 控制器**  
PLC CONTROL WITH SOFTWARE  
LANGUAGES: EN.CH./PLC 可编程控制器,  
中英文两种操作语言
- **DISPLAY 显示**  
LCD-DISPLAY WITH BACKGROUND  
ILLUMINATION:CONTINUOUS READ  
OUT OF OPERATION DETAILS/液晶显示  
速度及操作信息
- **PRESETS 设定**  
60 PROGRAMS, /60 种程序  
EACH PROGRAM CONTAINS OF 8  
SEQUENCES/每个程序包含 8 段
- **PROGRAMMING 程序**  
USER FRIENDLY TEXT COMMANDS/采  
用简单文本命令设定
- **DATA MEMORY AND OUTPUT**  
数据存储与输出  
INTERFACES FOR PC INTERFACE  
INTERFACE FOR SOFTWARE UPDATES  
/PC 数据线输入/软件可以升级
- **WINDING SPEED 绕线速度**  
UP TO 1800 RPM/ 最高可达 1800RPM  
SEPARATELY PROGRAMMABLE LOAD  
SPEED  
SEPARATELY PROGRAMMABLE WIND  
SPEED/可设定储线速度和绕线速度
- **CORE DRIVE 铁芯驱动**  
STEPPER MOTO./步进马达 0.20KW
- **WIRE PITCH CONTROL 线距控制**  
FULLY AUTOMATIC PITCH CHANGE,  
PROGRAMMABLE IN STEPS OF  
0,001mm/线距可自动调节
- **CORE INDEX & REVERSE CONTROL**  
铁芯正反转  
FULLY AUTOMATIC/全自动
- **ACCELERATION & DECELERATION**  
加速、减速  
FULLY AUTOMATIC/全自动
- **STOPS FOR TAPS 抽头停机**  
AUTOMATIC/全自动
- **SECTOR & BANK WINDING CONTROL**  
绕线角度控制  
FULLY AUTOMATIC/全自动
- **WINDING HEAD DRIVE 绕线机头驱动**  
SERVO MOTOR 0,4 KW/伺服马达 0.4KW
- **TAPING OPERATION 包带操作**  
FULLY AUTOMATIC/全自动
- **SUPPLY VOLTAGES 提供电源**  
230 (110 AND 240) VOLT, 50 HZ AC
- **MACHINE SIZE AND WEIGHT**  
机器尺寸及重量  
700×600 MM 80 KG NET, 110 KG GROSS

### TECHNICAL DATA/技术数据:

COMBINATIONS/机器结合
6 Interchangeable heads /可互换机头
2 Slider heads/边滑器式机头 VU10-MINI, VU20-MINI
3 Belt heads/皮带式机头 VU60,VU100, VU200,
1 Speed taping head/高速式包带头 VU200/B-MINI
3 Roller tables/滚子台架 VU111-MINI, VU111-V-MINI, VU111-VS-MINI

PRODUCTION 产品项目	MM	INCH/AWG
Single wire size 单线径	0.05-1.00	44 -18
Bifilar wire size 双线径	2×0.8	2×20
Finished core O.D. 完成外径	5.0-70.0	0.2 - 2.76
Finished core I.D. 完成内径	From 1.5	From 0.06
Finished core height 完成铁心高度	Upto 25	Upto 1.0
Tape size 包带尺寸	4-10	0.157-0.394