

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

MODEL VU-SD TOROIDAL WINDING MACHINE

VU-SD 环型绕线机

The VU-SD is a Hi-tech bench machine with PLC control and a LCD display with 4 text lines and incorporates VU's modular system with interchangeable heads and roller tables. It is designed with superior components; PLC control, servomotor for head drive and precision stepper motor for core drive, interface for PC. 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-SD are general taping and winding jobs as well as sophisticated applications.

VU-SD 型机器是高科技桌上型机种中的一款，LCD 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 控制系统、伺服马达驱动机头，精密的步进马达驱动铁心。可以通过 PC 传输设定的数据，使用者可以通过清晰的 PLC 文本指示说明来设定机器使用程序。VU-SD 型适合特殊的包带和绕线规格。



TECHNICAL DATA/技术数据:

COMBINATIONS/机器结合
21 Interchangeable heads/可互换机头
4 Slider heads /边滑器式机头 VU10, VU20, VU30, VU40
5 Gear rack heads/齿条式机头 VU0, VU1, VU2, VU3, VU4
5 Belt heads/皮带式机头 VU60, VU100, VU200, VU200-V, VU300
7 Taping head/包带机头 VU0/B, VU1/B, VU2/B, VU3/B, VU4/B, VU200/B, VU300/B
6 Roller tables/滚子台架 VU111, VU111-V, VU112, VU222, VU222-V, VU332

PRODUCTION 产品项目	MM	INCH/AWG
Single wire size 单线径	0.05-2.5	44 -11
Bifilar wire size 双线径	2×1.8	2×13 _{1/2}
Finished core O.D. 完成外径	5.0-320	0.2 - 13
Finished core I.D. 完成内径	From 1.5	From 0.06
Finished core height 完成铁心高度	Upto 150	Upto 5.9
Tape size 包带尺寸	4 -30	0.05-1.18

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 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 MOTOR 0,30 KW/步进马达
0.30KW
- **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
增速、减速**
FULLY AUTOMATIC/全自动
- **STOPS FOR TAPS 抽头停机**
AUTOMATIC/全自动
- **SECTOR & BANK WINDING CONTROL**
FULLY AUTOMATIC/全自动
- **WINDING HEAD DRIVE 绕线机头驱动**
SERVO MOTOR 0,8 KW /伺服马达 0,8 KW
- **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**
800×700 MM 110 KG NET, 130 KG
GROSS

MODEL VU-FR TOROIDAL WINDING MACHINE

VU-FR 环型绕线机

The VU-FR is a Hi-tech floor machine with PLC control and a LCD display with 4 text lines and incorporates VU's modular system with interchangeable heads and roller tables. It is designed with superior components; PLC control, servomotor for head drive and precision stepper motor for core drive, interface for PC. The user friendly PLC software guides the operator thru the programming with clear text commands. It is easy to operate the machine. The user friendly programming and the clearly positioned control knobs make the VU-FR extremely fast to set up and very easy to use. Typical applications for the VU-FR are general jobs with very large cores or sophisticated winding and taping applications with very heavy round or flat wires.

VU-FR 型机器是高科技地板型机种中的一款，LCD 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 控制系统、伺服马达驱动机头，精密的步进马达驱动铁心。使用者可以通过操作技术人员设定来使用机器。VU-FR 适合特殊超大型包带和绕线的规格。



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 FOR SOFTWARE UPDATES /PC 数据线输入/软件可以升级
- **WINDING SPEED 绕线速度**
UP TO 160RPM 最高可达 160RPM
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 MOTOR /步进马达
- **WIRE PITCH CONTROL 线距控制**
FULLY AUTOMATIC PITCH CHANGE,/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 伺服马达驱动,
- **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**
1100×700 MM 250 KG NET, 350 KG GROSS

TECHNICAL DATA/技术数据:

COMBINATIONS/机器结合
4 Interchangeable heads/可互换机头
1 Gear rack winding heads /齿条式绕线机头 ,VU44-V,
1 Gear rack winding heads/齿条式绕线机头 ,VU45-V,
1 Gear rack taping heads/齿条式包带机头 , VU44/B,
1 Gear rack taping heads /齿条式包带机头, VU45/B,
4 Roller tables /滚子台架 VU332,VU333-V,VU333-VS1 VU333-VS2,

PRODUCTION 产品项目	MM	INCH/AWG
Single wire size 单线径	0.40-4.5	26 - 5
Bifilar wire size 双线径	2×2.8	2×9 _{1/2}
Finished core O.D. 完成外径	65-1100	2.56-43
Finished core I.D. 完成内径	From 25	From 1.0
Finished core height 完成铁心高度	Upto 300	Upto 11.81
Tape size 包带尺寸	9-25	0.35-1.0