



SHENZHEN TAKACHIHO TECHNOLOGY CO., LTD.

Fast, Accurate, Steady, Tactical

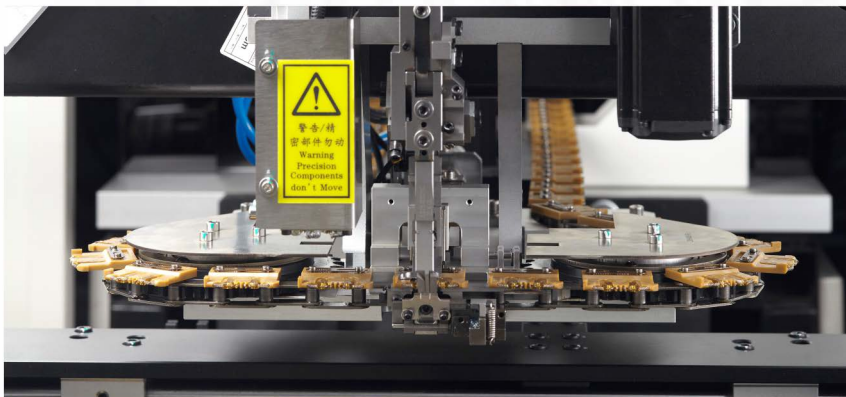


MR20E-S

*Auto Integrated Radial
Insertion Machine*

全自动一体式立式插件机

Multiple Design, In Order To Meet The Needs Of Different
Customers Different Processes



多元设计，为的是满足不同客户不同制程的需求

› MR20E-S is a small and nice model specially designed for customers with fewer material stations, small workshop space, and small PCB board size, which can effectively solve space problems, and the real insertion speed can reach 0.26 s/point (the best state).

› MR20E-S是针对客户料站较少、车间空间小、PCB板尺寸较小特别设计的一款小而美的型号，可有效解决空间问题，且实插速度可达0.26秒/点（最佳状态）。



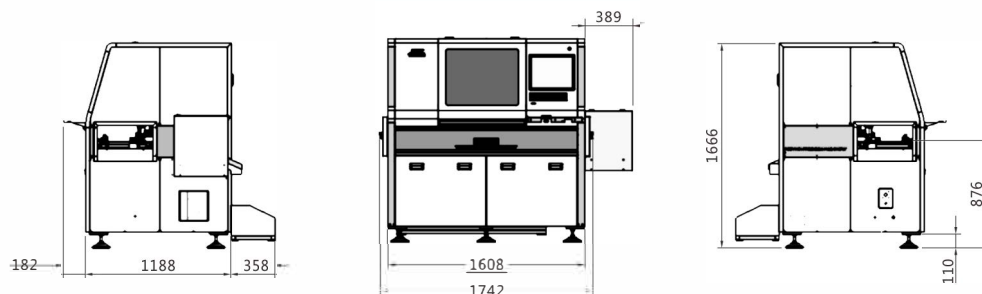


MR20E-S

Product Technical Parameters

产品技术参数

Technical Parameter 技术参数	Specification 规格
Theoretical Speed 理论速度	Approx 20,000 CPH
Insertion Direction 插件角度	0°-360°,1° Increment 增量 (180°-180°Option)
Lead Span 引线跨距	2.5/5.0 ; 2.5/5.0/7.5 ; 5.0/7.5/10.0 ; 2.5/3.5/5.0 ; 2.5/5.0/7.5/10.0 ; 10.0/12.5/15.00mm Selectable 可选
Board Size 基板尺寸	Min 50*50mm Max 300*280mm
Process Height 进板高度	900+20mm
Board Thickness 基板厚度	0.79~2.36mm
Component Parameter 元件参数	Diameter 直径≤13mm, Height 高度≤23mm
Component Style 元件种类	Capacitor, Transistor, Triode, LED, Mini Switch, Resistor, Connector, Coil, Potentiometer, Fuse Block, Other, Radial style taped components 电容、晶体管、三极管、LED灯、按键开关、电阻、连接器、线圈、电位器、保险丝座、熔断丝等立式编带封装料
Cut & Clinch Length 剪脚长度	1.2/1.5/1.8mm (Selectable 可选)
Clinch Angle 弯脚角度	25°-45° External Bending 外弯曲 ; 3.5mm Lead Span Internal/External Bending Selectable 3.5mm 跨距内弯/外弯可选
Component Stations 料站数量	15pcs Feeder (STD) / 15站标准
Machine Size 机器尺寸	1750*1730*1700mm
Machine Weight 主机重量	Approx 1100kg
Power Requirement 供电需求	AC220V, Single Phase, 50/60Hz, 1.5Kw
Power Protection 电源保护	UPS (Option) , 15minutes duration after power cut-off (选项)
Air Pressure 气压要求	0.6-0.8Mpa
Air Consumption 耗气量	0.3m³/min
Environmental Temperature 环境温度	20°C±10°C
Noise Level 噪音水平	Approx 75dB(A)
Clinch Module Movement 底座移动	Pneumatic (Electric Optional) 气动 (电动可选)
Tape Cutter 切纸系统	Single Stroke Cutting Feature 单程切纸功能, 速度快噪音少
Station Feeding System 站位送料系统	STD Valve 标准电磁阀
Component Transfer Assemble 链条推料至插装头	Cylinder 气缸
CTA Position Teaching 孔位校正方式	Vision System 视觉系统 Multi Fiducial 多定位点校正
Axis Driving System 驱动系统	AC Servo Motor 伺服马达
Data Input Style 数据输入方式	USB Port (Excel Format)
Operation System 操作系统	Chinese/English Interface (Windows Platform) LCD Display 中英文界面, 视窗平台, 液晶显示
Operation Mode 操作模式	Auto/Semi Auto/Manual 全自动/半自动/手动
Component Density 元件密度	High Density Insertion Style 高密度插入方式
Worktable Rotation 工作台运转方式	Conveyor Track 导轨式
Board Inload 进板方式	Conveyor Inload Left to Right (Selectable) 导轨自动进板左到右 (方向可选)
Programming 编程方式	On-Line Teaching 在线编程
Loader/Unloader 自动进出板设备	Option 可选购





Shenzhen Takachiho Technology Co., Ltd.

Address : 1st Floor Building B, No.205 Fenghuang Community,
Fuyong Street, BaoAn District Shenzhen, Guangdong, China

Phone: +66 8521 48188

Email: Simon@takachihotech.com

Website: www.takachihotech.com