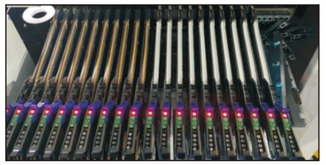
L500

双吸杆磁悬浮无导线灯带高速贴片机

Dual Nozzle Holder Linear Motor Ultra High Speed Wireless LED Strip Mounter

采用最新款大功率双磁铁磁悬浮直线电机加磁栅尺组合，动力更强劲，贴装更精确，直线电机10年保修
最新双吸杆结构，最小贴装间距6.5MM，产能可达CPH 270K；
配备第四代双马达电动飞达，满足双吸杆快节奏喂料需求，大大减少拉丝卡带现象；
采用真空吸附加定位气缸的进板方式，提高贴装精度；

Adopt the combination of new high power magnetic levitation linear motor and imported grating ruler, more powerful, more accurate mounting,10 years warranty.
Adopt the latest double nozzle holder structure, the minimum mounting spacing is 6.5mm, the capacity can reach CPH 270K;
Equipped with the fourth generation of double motor electric Feeder, to meet the needs of high speed feeding for double nozzle holder structure , greatly reduce the phenomenon of stuck tape;
Adopt PCB loading method of vacuum adsorption and positioning cylinder, improve the mounting accuracy.



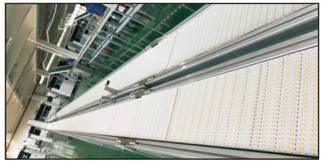
- 第四代电动双马达飞达
- Fourth generation of double motor electric Feeder

- 新款大功率磁悬浮直线电机
- New high power magnetic levitation linear motor

- 双吸杆结构
- Double Nozzle Holder Structure

- 漏料检测
- Visual Inspection

- 德国力士乐导轨
- German Rexroth Guide Rail



- 贴装效果
- Mounting Performance

技术参数 Features

型号(Model)	L500
PCB	
PCB尺寸/PCB Size	最大：W:280mm L:无限长 Max: W:280mm L:No limitation
PCB厚度/PCB thickness	0.3-5mm
PCB 定位/PCB Positioning	CCD视觉，Mark点定位 CCD visual,Mark point positioning
PCB传送速度/PCB Transmitting Speed	320mm/s
PCB传送方向/PCB Transmitting Direction	前→后 Front to Back
贴装/Monuting	
贴装头驱动/Mounting Head Driver	磁悬浮直线电机 Maglev linear motor
贴装头数量/Mounting Head Amount	2头 2Heads
吸嘴数量/Nozzles Amount	每头32个，共计64个 32 Pcs per head,totally 64Pcs
贴装精度/Mounting Accuracy	±0.03mm
贴片速度/Mounting Speed	250000 - 270000 CPH
重复精度/Repeat Accuracy	±0.01mm
最小贴片间距/Min Mounting Gap	6.5mm
贴片元件范围/Components Range	0805,1206,2835,3014,3528,5050,5630,5730,RGB等LED带装料; 0805,1206,2835,3014,3528,5050,5630,5730,RGB and other LED stripped material.
贴片元件高度/Component Height	10mm
飞达数量/Feeder Amount	48/64 Pcs
飞达种类/Feeder Type	双马达电动飞达 Dual motor electric feeder
贴装模式/Mounting Type	群取群贴 Group picking and group placing
进出板方式/PCB Input/Output Method	真空吸附+定位气缸传送 Vacuum Absorb + Positioning Cylinder Transmission
系统/System	
电脑系统/Computer System	Windows
操作软件/Operating Software	朗科独立开发 Independent R&D by Langke
视觉系统/Visual System	5套光学相机，标配视觉飞拍，漏料报警(可选装 漏件自动补料) 5 sets of optical camera, Equipped with Visual inspection for missing component alarm (Add missing component automatically is optional)
运动控制模块/Motion Control Module	固高/高川运动控制卡 Googol/Gaochuan motion control card
X、Y轴驱动	日本富士电机 Japanese Fuji Servo Motor
工作要求/Working Requirement	
电源/Power	交流50HZ，三相380V±10%; 380V AC/50Hz/3 Phase
最大耗电量/Max Power	5.0 KW
气压/Air Pressure	0.5-0.8Mpa
工作环境温度/Temperature	23℃±3
尺寸及重量/Dimension	
外形尺寸/Dimension	2970*2500*1550mm
重量/Weight	2680KG