

AGV (Magazine Type)

此设备用于与自动化产线对接，实现PCB周转箱/工装载具无人化上下料，完成贴片生产过程的物流自动化
The automatic guided vehicle is mainly used to perform fully automated transportation in the process of circuit board printing as well as loading and unloading of PCB on a programmed route with no need for human interaction once deployed.

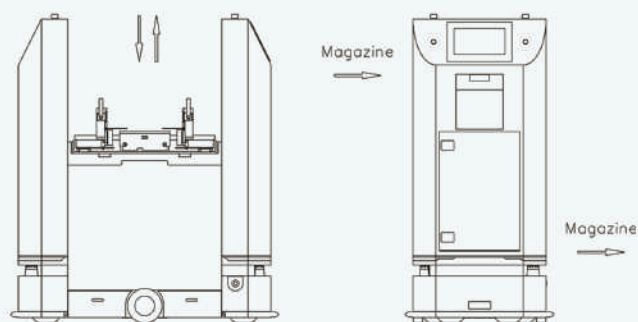
hayawin®

产品特点 | Features

- 基于环境自然特征建图和定位，无需轨道和地标，可自组规划路径，自主行驶
Accurate designated route following without any special routing requirement or changes in factory layout, self-driving on landmark less or rail less route.
- 视觉，激光，碰撞条，急停等多级防护，保障人，货物，设备都安全
Multi protection layers to ensure safety worker and other valuable assets (eg: vision, laser, collision bar, emergency stop...).
- 高频上下料，精度高
High frequency loading and unloading, high precision.
- 多班制，全天24小时运行，自主充电/手动充电/手动换电
Round-the-clock deployment, self-charger port plugin/manual charging/manual charging.
- 多种人机交互方式，灯光提示，声音提示，支持示教器等
Multiple man-machine communication tools (eg: Remote control unit, light & sound indicators....).



操作示意图 | Operating Diagram



技术参数 | Technical Specification

对接精度 Docking accuracy	±10mm (laser) , ±5mm (QR code)
行走速度 Running speed	0 ~ 1m/s
导航精度 Navigation accuracy	±20mm
旋转直径 Rotation diameter	1245mm
传送高度 Transport height	250 ~ 1050mm
容量 Magazine capacity	1 unit
续航时间 Battery life	8h
充电时间 Charging time	≤1.5h
额定负载 Specified load	50Kg

规格参数 | Model Specification

产品型号	Model	HY-AGV250
适配料箱	Magazine size(L*W*H)	355×320×565mm
外形尺寸	Dimension(L*W*H)	1165×645×1325mm