

AUTOMATED COLLABORATION SYSTEMS



SMART AMR

The SMART AMR is specially designed for the transportation of the magazine racks from or to Magazine Loader, Magazine Unloader and Magazine rack buffer areas. It has functions such as forward, backward, left and right turns, and automatic detection of magazine racks. In the SMT workshop and logistics process, material handling activities are constantly repeated and material handling efficiency often becomes the key to determining the productivity of the SMT production line. Mistakes and errors fail to appear due to its unmanned operation and precision.



No Operator Needed



Minimize Errors



Great for Repetitive Tasks

FEATURES

- **Navigation method:** Laser SLAM
- **Positioning accuracy:** The navigation stop accuracy is $\pm 10\text{mm}$
- **Lift up / Down stroke:** Min Height: 260mm and Max Height: 1030mm
- **Across floors Easy to use:** Run automatically according to scheduling instructions without manual intervention
- **Expansion compatibility:** It can be customized according to requirements, and can be connected with WMS and MES systems
- **Self-charging:** Supports automatic charging
- **Multiple protection:** Laser obstacle avoidance sensor, front/rear bumper protection, front/rear emergency stop button



MOBILE BASE ROBOT

Features: Universal chassis, Flexible expansion, Multiple navigation method, Optimized software, Multi-capacity, Efficient, and Cost-effective

LIFTING ROLLER CV

Features: Easily lift and lower magazine racks to desired height. Smooth rollers seamlessly move racks. Adjustable width and height due to auto lifting and lowering.



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