

Site Requirements

I. Site Requirements for Robot Setup

To ensure your site is ready for the robot, consider the following:

1. **Road Surface:**
 - The surface should be flat with a slope of less than 6%.
 - Bumpy roads may trigger the lidar, causing the robot to slow down.
2. **Roof Height:**
 - Maximum roof height should be 15 meters.
3. **Reflectors:**
 - Install reflectors on the roof as per the manual and "Reflectors Position" video.
4. **Operating Temperature:**
 - The robot works best in temperatures between 5°C and 45°C (41°F to 113°F).
 - Extreme temperature changes might fog the sensors.
5. **Pallet Compatibility:**
 - The robot handles pallets with or without bottom bars.
 - For pallets with bottom bars, ensure a minimum load of 100 kg for the robot to exit.
 - For UK pallets with 1-inch bottom bars, adjust the fork height as per EP Care manual.
6. **Aisle Width:**
 - Minimum width for straight driving aisles: 2 meters.
 - Allow 500 mm clearance on each side of the robot and cargo.
 - Turning aisles need 700 mm clearance, and unloading areas need 300 mm clearance.
 - Keep aisles clear of people and goods.
7. **Storage Restrictions:**
 - Do not store goods in the robot's path, route corners, or loading/unloading areas.
8. **Turnaround Space:**
 - Ensure enough room at the end of the path for the robot to turn.
9. **Multiple Robots:**
 - For multiple robots, use a looped path rather than back-and-forth routes. Maintain the required clearances.
10. **Data Network:**
 - The robot needs a data connection during route learning and task setup. If Wi-Fi is blocked, use a SIM card or hotspot.

Please ensure that your site meets these requirements to ensure smooth implementation of the robot system. For questions or critical cases please reach out to us for further support.