



Load Type

Scan to Follow



## Laser SLAM Lifting Robot

# AMB-300JZ

Small, Flexible and Latent Lifting



### More Powerful Algorithms

Shelf identification and correction, high dynamic environment position and navigation, slip detection and correction, QR code secondary precise positioning, hybrid navigation, automatic following, and using fifth-order Bézier curve.



### Powerful Material Shelf Identification

A variety of goods racks can be identified and it can move under the racks and lift the goods. It can also identify material racks in various industries.



### Smaller and More Flexible

The smaller size allows for a lower chassis height with the integrated climbing mechanism, lower environmental requirements, more coverage scenarios, and less site restrictions.



### More Secure and Efficient

Dual lasers and bumper strip sensors at the front and back for 360° protection; 10 minutes of charging for 1 hour of running.



### New Industrial Design

With SEER Robotics' new design PI language, present customers with a powerful and high-tech product of metal texture.

## Basic parameters

Product name	Laser SLAM Lifting Robot
Navigation type	Laser SLAM
L x W x H	792 x 580 x 250 mm
Rotation diameter	910 mm
Weight (with battery)	150 kg
Maximum load capacity	300 kg
Chassis ground clearance	25 mm
Lifting platform dimensions	760 x 545 mm
Maximum lifting height	60±2 mm
Navigation laser scanning height	200 mm (H1)
Ambient temperature and humidity range	TEMP: 0°C to 50°C / RH: 10% to 90%, no compression, no condensation

## Performance parameters

Passability (slope / step / gap)	≤5% / 5 mm / 30 mm
Minimum aisle width	640 mm
Navigation position accuracy	±5 mm
Navigation angle accuracy	±0.5°
Driving speed	≤1.5 m/s

## Battery parameters

Battery specifications	48 V / 20 Ah (lithium iron phosphate)
Comprehensive battery life	8 h
Charging time (10% to 80%)	≤1 h
Charging method	Manual / Automatic / Fast battery swap

## Configurations

Lidar number	1 (H1)+1 (C2)
E-stop button	●
Speaker	●
Ambient lamp	●
Bumper strip	●

## Function configurations

Basic functions	●
Wi-Fi roaming	●
Automatic charging	●
Shelf recognition	●
Precise positioning with QR code	○
QR code navigation	○
Laser reflector navigation	○

## Dimension (mm)

