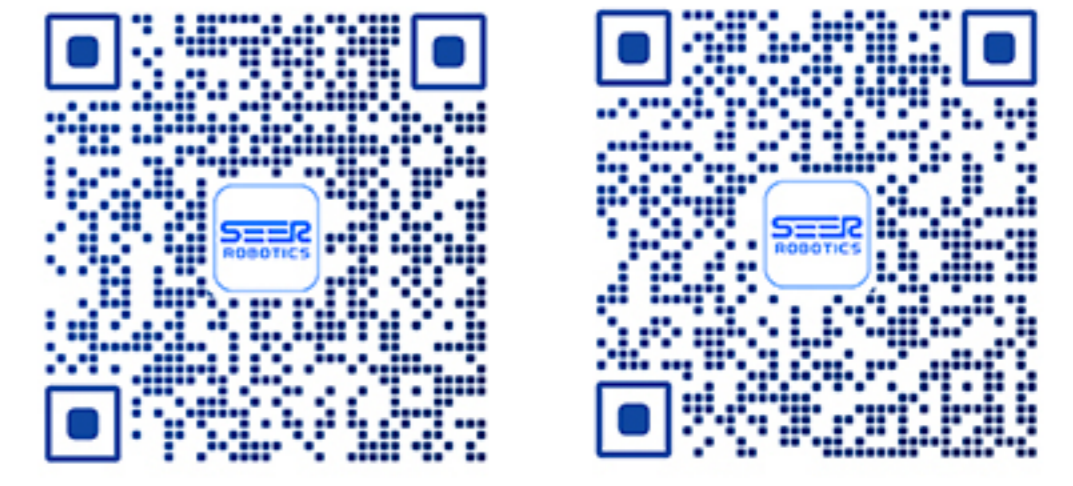




Load Type

Scan to Follow



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Laser SLAM Lifting Robot

SJV-W1000

Superb Load Capacity and Long Battery Life



Multiple Navigation Options Available

Laser SLAM, QR code and laser reflector positioning and navigation can be opted to meet the requirements for various positioning in multiple scenarios.



1 T Load Capacity

The load capacity of 1T and superb carrying capacity can meet the requirements for carrying large-weight products.



Powerful Material Shelf Identification

Various goods rack identification is supported to meet the carrying requirements in multiple scenarios.



Precise Positioning

Positioning accuracy of ± 5 mm for greater precision and efficiency.



Flexible Moving

The rotating diameter is only 1344 mm, and the minimum passing width is only 870 mm. Small size allows for more flexible moving.

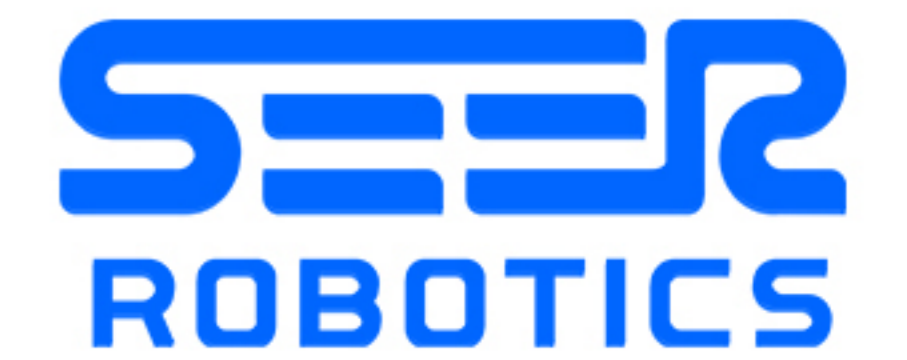


Long Battery Life

Large-capacity battery for 6 h battery life, meeting continuous carrying needs of the factory.

Parameter Specification

● Standard ○ Optional



Basic parameters

Navigation type	Laser SLAM
L x W x H	1224 x 730 x 420 mm
Rotation diameter	1344 mm
Weight (with battery)	250 kg
Maximum load capacity	1000 kg
Chassis ground clearance	25 mm
Lifting platform dimensions	1200 x 700 mm
Maximum lifting height	60±1 mm
Navigation laser scanning height	267 mm (P+F) / 271 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	870 mm
Navigation position accuracy	±5 mm
Navigation angle accuracy	±0.5°
Driving speed	≤1.67 m/s

Battery parameters

Battery specifications	48 V / 40 Ah (lithium iron phosphate)
Comprehensive battery life	6 h
Charging time (10% to 80%)	≤2 h
Charging method	Manual / Automatic

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	○

Certifications

UN38.3	●
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Dimension (mm)

