

▼ General information

Designated use	Autonomous mobile robot (AMR) for internal transportation of heavy loads and pallets
Color	RAL 7011 / Iron Gray
Disclaimer	Specifications may vary based on local conditions and application setup

▼ Dimensions

Length	1 350 mm 53.1 in
Width	910 mm 35.8 in
Height	322 mm 12.7 in
Weight	243 kg 536 lbs
Ground clearance	27 mm 1.0 in
Load surface	1 304 x 864 mm 51.3 x 34 in

▼ Payload

Maximum payload	600 kg 1 322.8 lbs
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▼ Speed and performance

Maximum speed	2.0 m/s (7.2 km/h) 6.6 ft/s (4.4 mph)
Operational corridor width for two robots passing	With default setup: 4 250 mm 167.3 in
	With minimized footprint and muted Protective fields: 2 700 mm in 106.3 in
Positioning accuracy (in controlled conditions)	Docking to VL-marker: ± 2 mm 0.08 in on X-axis, ± 3 mm 0.12 in on Y-axis, ± 0.25° yaw
	Moving to position: ± 100 mm 3.94 in on X-axis, ± 83 mm 3.27 in on Y-axis, ± 3.4° yaw
Traversable gap tolerance	Less than 30 mm 1.18 in
Active operation time with maximum payload	up to 8 h 30 min
Active operation time with no payload	Up to 11 h
Standby time (robot is on and idle)	Up to 16 h
Maximum incline/decline	± 3% at 0.5 m/s, ± 1% at 2.0 m/s

▼ Power

Battery type	Li-NMC, 47.7 V, 34.2 Ah
Charging ratio	Up to 1:12 (10 min charging gives 2 h runtime with maximum payload)
Charging current	Up to 35 A
Number of full charging cycles	Minimum 3 000 cycles