SEER Robotics AMB-150 Robot Chassis

Official-spec summary for RobotShop product attachment. Based on SEER Robotics public product page.

The AMB-150 is a Laser SLAM robot chassis designed as a universal mobile robot platform for AGV/AMR development, warehouse logistics, factory transport and custom top-module integration. The chassis supports flexible upper structures such as lifting modules, rollers, robotic arms, latent traction modules and pan-tilt systems.

Parameter	Value
Product model	AMB-150
Product name	Laser SLAM Robot Chassis
Navigation type	Laser SLAM
Dimensions (L x W x H)	800 x 560 x 200 mm
Rotation diameter	840 mm
Weight with battery	66 kg
Rated load	150 kg
Chassis ground clearance	25 mm
Minimum aisle width	700 mm
Navigation position accuracy	±5 mm
Navigation angle accuracy	±0.5°
Driving speed	≤1.4 m/s
Battery	48 V / 25 Ah lithium iron phosphate
Comprehensive battery life	12 h
Charging time	≤1 h from 10% to 80%
Charging method	Manual / automatic / fast battery swap
Lidar number	1 or 2
Standard functions	E-stop button, speaker, ambient lamp, basic functions, Wi-Fi roaming, automatic charging, shelf reco
Optional functions	Laser reflector navigation, 3D obstacle avoidance
Certifications / compliance noted	EMC, UN38.3

Application note: confirm payload, upper-structure design, charging method, safety configuration, navigation environment, software integration and deployment scope before order confirmation.

Source: SEER Robotics official AMB-150 product page, https://seer-robotics.ai/amr/liftingrobot/AMB-150