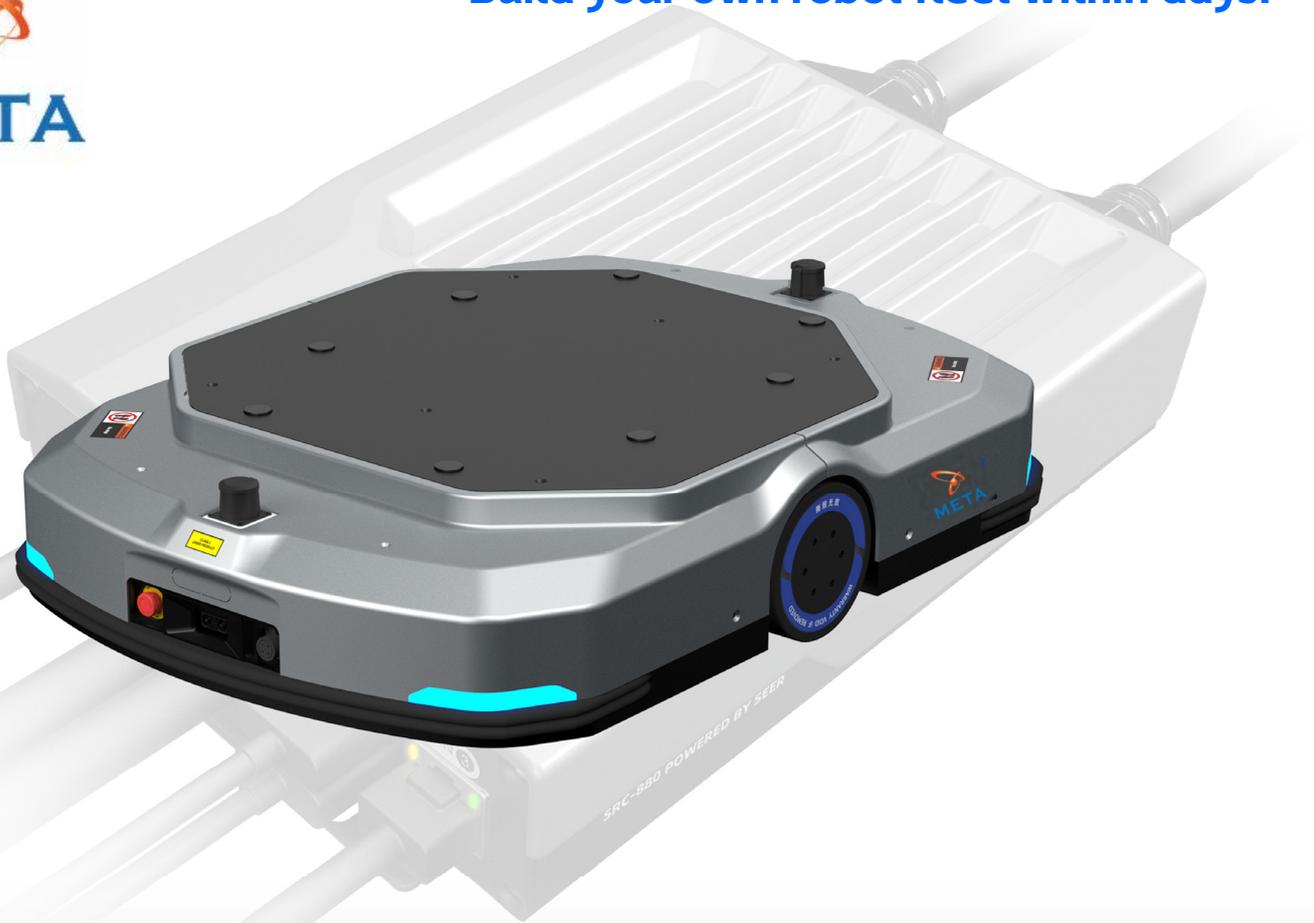




Build your own robot fleet within days.



BaseAMR 1000 AMB-CSW10-BH

1 T Large Load Capacity, High Cost-Performance Universal Chassis



1 T Large Load Capacity, Premier Choice for Cost-Effective AMR-building

With a vehicle length of over 1 meter and a load capacity of 1 ton, it meets the needs of a wider range of upper-level applications. Meanwhile, as a highly cost-effective universal AMR-building platform, it is the perfect partner for customers to create various types of mobile robots at an affordable price.



Dual Lasers+3D camera, Higher Safety Factor

The front and rear dual laser configuration provides 360° protection for the entire vehicle. The front section supports optional 3D camera modules for pit detection, and obstacle recognition, ensuring safe operation. Equipped with front and rear contact bumper strips for immediate halt upon impact.



Hybrid Navigation, Positioning Accuracy up to ± 5 mm

The positioning accuracy can reach ± 5 mm, supporting multiple navigations such as SLAM, QR code, and reflector, and the corresponding navigation solutions can be matched according to the scene needs.



Abundant Interfaces, Simplifying AMR-building

With mainstream RS485, CAN, I/O, and other expansion interfaces, it supports various upper mechanisms. When paired with SEER Robotics' unique operation and scheduling software, it makes AMR-building and operation easier and more convenient.

● Standard ○ Optional



Product model	AMB-CSW10-BH	
Navigation type	Laser SLAM	
L x W x H	1150 x 800 x 234 mm	
Rotation diameter	1220 mm	
Basic parameters	Weight (with battery)	224 kg
	Maximum load capacity	1000 kg
	Chassis ground clearance	20 mm
	Navigation laser scanning height	201 mm
Ambient temperature and humidity range	TEMP: 0°C to 50°C / RH: 10% to 90%, no compression, no condensation	
Passability (slope / step / gap)	≤5% / 5 mm / 30 mm	
Minimum aisle width	940 mm	
Performance parameters	Navigation position accuracy	±5 mm
	Navigation angle accuracy	±0.5°
	Driving speed	≤1.5 m/s
Battery specifications	51.2 V / 40 Ah (lithium iron phosphate)	
Battery parameters	Comprehensive battery life	8 h
	Charging time (10% to 80%)	≤1 h
	Charging method	Manual / Automatic
Lidar number	2 (H1)	
Configurations	E-stop button	●
	Speaker	●
	Ambient lamp	●
	Basic functions	●
Wi-Fi roaming	●	
Automatic charging	●	
Function configurations	Shelf recognition	●
	Precise positioning with QR code	○
	QR code navigation	○
	Laser reflector navigation	○
3D obstacle avoidance	○	
Global series	Not	
Product series	SEER Lifting AMR	

