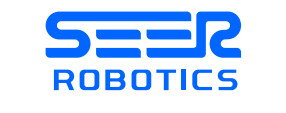


Lifting Robot			
			
AMB-300JZ	AMB-JS	SJV-SW600	SJV-SW1500
GB	CE	GB	GB
Laser SLAM	Laser SLAM	Laser SLAM	Laser SLAM
792 x 580 x 250 mm	1330 x 952 x 290 mm	950 x 650 x 250 mm	1210 x 892 x 280 mm
910 mm	1460 mm	1015 mm	1412 mm
150 kg	265 kg	170 kg	250 kg
300 kg	500 kg / 1000 kg	600 kg	1500 kg
25 mm	30 mm	25 mm	30 mm
760 x 545 mm	1300 x 920 mm	924 x 650 mm	1180 x 860 mm
60±2 mm	60±1 mm	60±2 mm	60±1 mm
200 mm (H1)	175 mm	194 mm (H1)	123 mm (H1)
≤5% / 5 mm / 30 mm	≤5% / 5 mm / 10 mm	≤5% / 5 mm / 30 mm	≤5% / 5 mm / 30 mm
640 mm	1050 mm	790 mm	1000 mm
±5 mm	±5 mm	±5 mm	±5 mm
±0.5°	±1°	±0.5°	±1°
≤1.5 m/s	≤1.5 m/s	≤1.5 m/s	≤1.67 m/s
48 V / 20 Ah (lithium iron phosphate)	48 V / 40 Ah (lithium iron phosphate)	48 V / 24 Ah (lithium iron phosphate)	48 V / 40 Ah (lithium iron phosphate)
8 h	7 h	8 h	6 h
≤1 h	≤2 h	≤2 h	≤2 h

Note: Please refer to the official website of SEER Robotics for the latest parameter information.

SEER Robotics Product Booklet



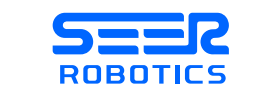
Robots | Robot Controllers | Software | Accessories



SEER Robotics (Shanghai Seer Intelligent Technology Co., Ltd.), founded in 2020, is a global leader in intelligent robotics with a core focus on control systems. Its founding team, comprising graduates from Zhejiang University, is a hall-of-fame winner of the RoboCup World Championship. Headquartered in Shanghai, SEER Robotics has established an overseas subsidiary in Germany, along with domestic offices in Hong Kong, Wuxi, Shenzhen, Chengdu, and other cities across China. The company is backed by prominent institutional investors, including GLP, China Growth Capital, ECOVACS, IDG Capital, and SAIF Partners.

Guided by the mission "Drive a more open, diverse era of intelligence, making robots accessible to all", SEER Robotics empowers the robotics industry through its industry-leading control systems—widely regarded as the "robot brain." SEER Robotics provides one-stop solutions for building, picking and managing robots. Its offerings include robot controllers, software, robots and an open-access knowledge base.

According to China Insights Consultancy, SEER Robotics ranked No.1 globally in robot controller shipments for both 2023 and 2024, and have built world's only large-scale open platform dedicated to intelligent robotics. SEER Robotics supports a global customer base of over 1,500 companies, including industry leaders such as Philips, Schneider Electric, Siemens, and FAW-Volkswagen. Its solutions are widely adopted across more than 20 industries, spanning automotive, new energy, 3C electronics, semiconductors, construction machinery and healthcare, and are deployed in over 65 countries and regions.













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「Build your own robot fleet within days.」

Robot	Base Robot			
				
Product model	AMB-150/300	AMB-300XS	SBA-400EU	
Certification	GB	CE	CE	
Basic parameters	Navigation type	Laser SLAM	Laser SLAM	
	L x W x H	800 x 560 x 200 mm / 1000 x 700 x 200 mm	842 x 582 x 302.5 mm	958.20 x 588 x 182 mm
	Rotation diameter	840 mm / 1040 mm	972.6 mm	1004 mm
	Weight (with battery)	66 kg / 144 kg	120 kg	100 kg
	Maximum load capacity	150 kg / 300 kg	300 kg	400 kg
	Chassis ground clearance	25 mm	27 mm	20 mm
	Maximum lifting height	-	-	-
	Navigation laser scanning height	-	-	-
	Navigation laser scanning height	P+F: 228 mm H1: 215 mm	185.43 mm	196.5 mm
	Passability (slope / step / gap)	≤5% / 5 mm / 10 mm ≤5% / 5 mm / 30 mm	≤5% / 5 mm / 30 mm	≤5% / 5 mm / 30 mm
Performance parameters	Minimum aisle width	700 mm/840 mm	722 mm	728 mm
	Navigation position accuracy	±5 mm	±5 mm	±5 mm
	Navigation angle accuracy	±0.5°	±0.5°	±0.5°
	Driving speed	≤1.4 m/s	≤1.5 m/s	≤1.5 m/s
Battery parameters	Battery specifications	48 V / 25 Ah (lithium iron phosphate), 48 V / 40 Ah (lithium iron phosphate)	48 V / 40 Ah (ternary lithium)	48 V / 23 Ah (lithium iron phosphate)
	Comprehensive battery life	12 h	12 h	8 h
	Charging time (10% to 80%)	≤1 h / ≤1.5 h	≤2.5 h	≤1 h

Note: Please refer to the official website of SEER Robotics for the latest parameter information.

Autonomous Forklift		Pallet Truck				Stacker Forklift				Counterbalance Truck		Reach Truck		VNA
														
Product model		SFL-CBD15	SPT-2000	SPT-1000	SPT-1500	SOF-300	SOS-1000	SSS-1400	SSS-1500	SSS-2000	SCB-2000/3000	SSR-1400	SRT-2000	SVNA-1500
Certification		GB / CE	GB	GB	GB / CE / UL	GB / CE	GB	GB / CE	GB / CE	GB / CE	GB / CE	GB / CE / UL	GB	GB
Basic parameters	Navigation type	Laser SLAM	Laser SLAM	Laser SLAM	Laser SLAM	Laser SLAM	Laser SLAM	Laser SLAM	Laser SLAM	Laser SLAM	Laser SLAM	Laser SLAM	Laser SLAM	Laser SLAM
	Pallet type	Open pallet	Open pallet / closed pallet	Open pallet / closed pallet	Open pallet / closed pallet	Tote dolly / shelf	Open pallet	Open pallet	Open pallet	Open pallet	Open pallet / closed pallet	Open pallet / closed pallet	Open pallet / closed pallet	Open pallet / closed pallet
	Rated load capacity	1500 kg	2000 kg	1000 kg	1500 kg	300 kg	1000 kg	1400 kg	1500 kg	2000 kg	2000 kg/3000 kg	1400 kg	2000 kg	1500 kg
	Load center distance	600 mm	600 mm	100 mm	100 mm	345 mm / 465 mm	600 mm	600 mm	600 mm	600 mm	500 mm	500 mm	600 mm	600 mm
	Weight (with battery)	403 kg	550 kg	450 kg	550 kg	210 kg / 230 kg	550 kg	680 / 740 kg	835 kg	950 / 1175 kg	3230 kg/5030 kg	1890 kg	5200 kg	7100 kg
	Standard lifting height	205 mm	180 mm	190 mm	190 mm	70±5 mm to 90±5 mm (default 70 mm)	1000 mm	1600 / 3000 mm	2944 mm	1600 / 3000 mm	3000 mm	3000 mm	10000 mm	9000 mm
	Forklift dimensions: L x W x H	1685 x 980 x 1906 mm	1890 x 884 x 2025 mm	1450 x 1200 x 556 mm	1650 x 1300 x 865 mm	914 x 400 x 1502.5 mm / 1094 x 500 x 1743 mm	1890 x 884 x 2025 mm	1722 x 951 x 2234 mm / 1722 x 951 x 2234 mm	1681 x 1104 x 1997.5 mm	1705 x 930 x 1990 / 1724 x 1039 x 1995 mm / 1705 x 930 x 2220 / 1724 x 1039 x 2195 mm	2839 x 1161 x 2262 mm / 3222 x 1420 x 2468 mm	2264 x 1184 x 2172 mm	2702 x 1490 x 4375 mm	3400 x 1550 x 4290 mm
	Fork dimensions: L x W x H	1220 x (170+7) x 75 mm (7 mm wiring panel)	1250 x 160 x 72 mm	1220 x 168 x 60 mm	1100(1220) x 170 x 60mm	480 x 300 mm / 600 x 300 mm	1250 x 160 x 72 mm	1220 x 180 x 70 mm	1200 x 185 x 55 mm	1220 x 180 x 60 mm	1220 x 133 x 40 mm / 1220 x 125 x 45 mm	1220 x 120 x 40 mm	1220 x 122 x 45 mm	1220 x 125 x 50 mm
	Fork outer width	550 / 600 / 680 mm	660 mm	610 mm	570 / 610 mm	-	550 / 600 / 650 mm	555 / 570 / 680 mm	555 / 600 mm	600 / 680 mm	400 mm to 700 mm / 450 mm to 750 mm	650 mm	250 mm to 800 mm	550 / 600 / 650 mm
	Right-angle stacking aisle width, pallet 1000x1200 (1200 placed along the fork)	2260+200 mm	-	2000 mm	2300 mm	-	-	1966+200 mm	2025+200 mm	1936+300 mm / 2003+300 mm	2838+200 mm / 3207+200 mm	2195 / 2255 mm	2915+300 mm	3780+400 mm
Right-angle stacking aisle width, pallet 800x1200 (1200 placed along the fork)	2220+200 mm	-	2000 mm	2300 mm	-	-	1911+200 mm / 1914+200 mm / 1936+200 mm	1960+200 mm	1860+300 mm / 1932+300 mm	2992+200 mm / 3263+200 mm	2125 / 2185 mm	-	-	
Right-angle stacking aisle width, pallet 1000x1000 (1000 placed along the fork)	2230+200 mm	2000+200 mm	2000 mm	2300 mm	-	2000+200 mm	1911+200 mm / 1914+200 mm / 1936+200 mm	1822+200 mm	1825+300 mm / 1892+300 mm	2805+200 mm / 3185+200 mm	-	-	-	
Minimum turning radius	1532 mm	1553 mm	900 mm	1050mm	600 mm / 804 mm	1553 mm	1206+200 mm	1292.6 mm	1270 mm / 1337 mm	1585 mm / 1858 mm	1480 mm	2060 mm	2240 mm	
Driving speed: full load / no load	1.4 / 1.4 m/s	1.2 / 1.4 m/s	1.1 m/s	1.1 m/s	0.8 / 1.4 m/s	1.2 / 1.4 m/s	1.2 / 1.5 m/s	1.5 / 1.8 m/s	1.5 / 1.8 m/s	1.0 / 1.5 m/s	1.2 / 1.5 m/s	1.0 / 1.5 m/s	1.6 / 1.8 m/s	
Passability (slope / step / gap)	< 5% / 10 mm / 30 mm	< 5% / 10 mm / 30 mm	< 1.5% / 5 mm / 30 mm	< 1.5% / 5 mm / 30 mm	< 3% / 2 mm / 5 mm	< 5% / 10 mm / 30 mm	< 5% / 5 mm / 15 mm	< 5% / 20 mm / 30 mm	< 5% / 10 mm / 30 mm	< 5% / 10 mm / 30 mm	< 5% / 20 mm / 30 mm	< 5% / 20 mm / 30 mm	< 5% / 10 mm / 30 mm	
Navigation position accuracy	±10 mm	±10 mm	±10 mm	±10 mm	±10 mm	±10 mm	±10 mm	±10 mm	±10 mm	±10 mm	±10 mm	±10 mm	±10 mm	
Navigation angle accuracy	±1°	±1°	±1°	±1°	±1°	±1°	±0.5°	±0.5°	±0.5°	±1°	±0.5°	±0.5°	±1°	
Battery parameters	Battery specifications	48 V / 46 Ah (lithium iron phosphate)	24 V / 210 Ah (lithium iron phosphate)	48 V / 36 Ah (lithium iron phosphate)	48 V / 23 Ah (lithium iron phosphate) *2	48V/35Ah / 48V/23 Ah (ternary lithium / lithium iron phosphate)	24 V / 210 Ah (lithium iron phosphate)	24 V / 210 Ah (lithium iron phosphate)	24 V / 210 Ah (lithium iron phosphate)	24V/212Ah / 24V/210Ah (lithium iron phosphate)	48 V / 315 Ah (lithium iron phosphate)	24 V / 210 Ah (lithium iron phosphate)	48 V / 315 Ah (lithium iron phosphate)	48 V / 300 Ah (lithium iron phosphate)
	Comprehensive battery life	8 to 10 h	10 h	8 h	8 h	8 h / 6 h	10 h	10 h	10 h	10 h	8 h to 10 h	10 h	6 h to 8 h	8 h to 10 h
	Charging time (10% to 80%)	1 h	2 h	1.5 h	1.5h	≤1.5 h / 1 h	2 h	2 h	2 h	2 h / 2 h to 2.5 h	3 h to 4 h	2 h	3 h to 4 h	3 h to 4 h

Note: Please refer to the official website of SEER Robotics for the latest parameter information.

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Multi-purpose Robot		Carton Transfer Robot	Cleaning Robot	
				
Product model		SCT-50	SCL-AWG50	
Certification		GB / CE / UL	GB / CE	
Basic parameters	Navigation type	Laser SLAM+QR code navigation	Laser SLAM	
	L x W x H	1700 x 1000 mm / 2000 x 1200 mm	900 x 676 x 1080 mm	
	Weight (with battery)	500 kg	140±10 kg	
	Picking method	Grab with a gripper + 2D vision correction	Clean water tank capacity	34 L
	Rotation diameter	1900 mm / 2200 mm	Dirty water tank capacity	34 L
	Max. load of material bin	50 kg	Network	Ethernet / Wi-Fi
	Max. load of robot	300 kg	Running noise	< 70 dB(A)
	Back tray number	3 to 6 layers	Suitable scenarios and ground	Tile floor, cement floor, stone floor, terrazzo floor, epoxy floor
	Suitable material bin dimensions	400 x 300 x 280 / 600 x 400 x 280 mm ; 800 x 600 x 280 mm		
	Minimum picking height	400 mm		
Maximum picking height	4000 mm			
Minimum aisle width	1110 mm / 1310 mm		900 mm	
Driving speed	≤1.5 m/s		3.6 km/h	
Passability (slope / step / gap)	≤5% / 5 mm / 8 mm	Cleaning width	500 mm	
Navigation position accuracy	±5 mm	Cleaning efficiency	Up to 1800 m ² /h	
Navigation angle accuracy	±0.5°	Cleaning distance along the edge	10 cm to 20 cm	
Maximum lifting speed	0.6 m/s	Maximum braking distance	< 20 cm (related to the ground material)	
		Passibility of slope	< 8°	
Battery parameters	Battery specifications	48 V / 46 Ah (lithium iron phosphate)	24 V / 50 Ah (lithium iron phosphate)	
	Comprehensive battery life	≥ 8 h	Dust push: 8 h to 10 h / Mopping: 2 h to 4 h	
	Charging time (10% to 80%)	≤1.5 h	1 h	