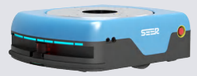
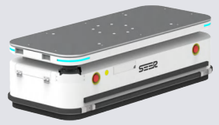
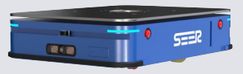
Jacking Robots Parameter

● Standard
○ Optional
— None





	Product name	AMB-300JZ	AMB-JS	AMB-800K	SJV-SW500	SJV-W600DS-DL	SJV-W1000	SJV-W1500
Basic parameters	Navigation method	Laser SLAM	Laser SLAM	Laser SLAM	Laser SLAM	Laser SLAM	Laser SLAM	Laser SLAM
	Drive mode	Two-wheel differential	Two-wheel differential	Two-wheel differential	Two-wheel differential	Dual steering wheel omnidirectional	Two-wheel differential	Two-wheel differential
	Shell color	Cool Gray	Cool Gray	Black & gray	Blue/ Customized color	RAL9003 / Customized color	Blue / Customized color	Blue / Customized color
	L*W*H（mm）	792*580*250	1330*952*290	980*680*245	924*758*300	1276*546*365	1224*730*420	1210*892*280
	Rotation diameter（mm）	910	1460	980	1035	1330	1350	1415
	Weight (with battery)（kg）	150	265	150	200	320	250	250
	Load capacity（kg）	300	500/1000	800	500	600	1000	1500
	Jacking platform dimensions（mm）	760*545	1300*920	ϕ640	Ø600	1250*510	1200*700	1180*860
	Maximum jacking height（mm）	60±2	60±1	60±2	60±1	60±1	60±1	60±1
Performance parameters	Minimum passable width（mm）	640	1050	820	898	660	870	1000
	Navigation position accuracy（mm）*	±5	±5	±5	±5	±5	±5	±5
	Navigation angle accuracy（°）*	±0.5	±1	±0.5	±0.5	±0.5	±0.5	±1
	Navigation speed（m/s）	≤1.5	≤1.5	≤1.8	≤1.67	≤1.2	≤1.67	≤1.67
Battery parameters	Battery specifications（V/Ah）	48/20（Lithium Iron Phosphate）	48/40（Lithium Iron Phosphate）	48/27 (Lithium Iron Phosphate)	48/40 (Lithium Iron Phosphate)	48/40 (Lithium Iron Phosphate)	48/40 (Lithium Iron Phosphate)	48/40 (Lithium Iron Phosphate)
	Comprehensive battery life（h）	8	7	8	10	8	6	6
	Automatic charging parameters（V/A）	54.6/15	54.6/40	54.5/15	54.6/25	54.6/25	54.6/25	54.6/25
	Charging time (10-80%)（h）	≤1	≤2	≤2	≤1.5	≤1.5	≤1.5	≤2
	Charging method	Manual/Automatic	Manual/Automatic	Manual/Automatic	Manual/Automatic	Manual/Automatic/Switch	Manual/Automatic	Manual/Automatic
Configurations	Lidar number	2(SICK nanoScan3+FREE C2)or 2(FREE H1+FREE C2)	2（SICK nanoScan3）	1(SICK nanoScan3 Core)or 1(OLEI LR-1BS5H)	1(SICK nanoScan3/P+F R2000-HD)	2(SICK nanoScan3)	2(SICK nanoScan3 / P+F R2000-HD + OLEI LR-1BS2)	1（SICK nanoScan3 / P+F R2000-HD）
	Number of low-position obstacle avoidance photoelectric	0	-	0	-	-	-	-
	Cargo detection	-	○	-	-	-	-	-
	E-stop button	●	●	●	●	●	●	●
	Speaker	●	●	●	●	●	●	●
	Atmosphere light	●	●	●	●	●	●	●
	Bumper strip	●	●	●	●	●	●	●
Functions	Wi-Fi roaming	●	●	●	●	●	●	●
	Automatic charging	●	●	●	●	●	●	●
	Shelf recognition	●	●	●	●	●	●	●
	Spin	-	-	●	●	-	-	●
	Precise location with QR code	○	-	○	○	○	○	○
	QR code navigation	○	-	○	○	○	○	○
	Laser reflector navigation	○	○	○	○	○	○	○
Certifications	EMC/ESD	-	●	-	●	●	●	-
	UN38.3	-	●	●	●	●	●	○

* Navigation accuracy usually refers to the repeatability accuracy that a robot navigates to the station.