



Safety SEER SlimStack 2000 SSS-2000EU

CE Certification, Capable of 2 T Stacking and Flexible for Use



2 T Load Capacity, Perfect for Narrow Aisles

With a load capacity of up to 2 tons, it supports fork heights of 1600 mm and 3000 mm. With a robot width of just 1039 mm and a minimum turning radius of only 1337 mm, it navigates effortlessly through narrow aisles.



AI Deep Learning, Improved Recognition Ability

It boasts the capability to recognize pallets, racks and cages in different colors and sizes with unparalleled precision and adaptability from multiple angles, achieving seamless and stable loading and unloading.



CE Certification, Highly Costeffective

The robot has passed the CE certification (ISO3691-4:2023) and other related certifications. It boasts high cost-effectiveness while ensuring good performance.



Multiple Sensors, Applicable in Various Scenarios

It supports 360° wide-range scanning and is equipped with multiple sensors such as 2D safety avoidance lasers, distance sensors, and pallet recognition cameras, applicable in various scenarios.



Flexible Customization with 4 Options

Supports customization of fork width, robot height, color and logo. Tailored to meet the diverse requirements of your unique business scenarios.



2 h Charging, 10 h Endurance

Paired with a 24 V / 210 Ah battery, it automatically charges for 2 hours and boasts a range of up to 10 hours, ensuring prolonged operation.

<p>● Standard ○ Optional</p>			
Product model		SSB-2000EU	
Basic parameters	Operation type	Automatic navigation	
	Navigation type	Laser SLAM	
	Pallet type	Open pallet	
	Rated load capacity	2000 kg	
	Load center distance	600 mm	
	Weight (with battery)	1175 kg	
	Standard lifting height	1600 / 3000 mm	
	Forklift dimensions: L x W x H	1724 x 1039 x 1995 mm	
	Fork dimensions: L x W x H	1220 x 180 x 60 mm	
	Fork outer width	555/600/680 mm	
	Right-angle stacking aisle width, pallet 1000x1200 (1200 placed along the fork)	2003x300 mm	
	Right-angle stacking aisle width, pallet 800x1200 (1200 placed along the fork)	1932x300 mm	
	Right-angle stacking aisle width, pallet 1000x1000 (1000 placed along the fork)	1892x300 mm	
	Minimum turning radius	1337 mm	
Ambient temperature and humidity range		TEMP: 0°C to 50°C / RH: 10% to 90%, no compression, no condensation	
Performance parameters	Driving speed: full load / no load	1.0 / 1.5 m/s	
	Passability (slope / step / gap)	< 5% / 10 mm / 30 mm	
	Navigation position accuracy	±10 mm	
	Navigation angle accuracy	±1°	
Battery parameters	Battery specifications	24 V / 210 Ah (lithium iron phosphate)	
	Comprehensive battery life	10 h	
	Charging time (10% to 80%)	2 h to 2.5 h	
	Charging method	Manual / Automatic	
Function configurations	Lidar number	1 (3D) +2 (SICK HV) +1 (C200) or 1 (P+F R2000) +2 (SICK HV) +1 (C200)	
	Wi-Fi roaming	●	
	3D obstacle avoidance	●	
	Pallet recognition	●	
	Cage stack [3]	○	
	High shelf pallet recognition [3]	○	
	Pallet stack [5]	○	
	HMI display	●	
Safety configurations	E-stop button	●	
	Sound and light indicator	●	
	Braking distance: 1 m/s / 1.5 m/s	≤30 cm / ≤50 cm	
	360° laser protection	●	
	Fork height protection	●	
Certifications	ISO 3691-4	●	
	EMC	●	
	UN38.3	●	
	RED	●	
	Global series	Yes	
Product series		Safety SEER SlimStack 2000	

