



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.

 Standard  Optional	
Product model	SSB-2000EU
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
Basic parameters	Forklift dimensions: L x W x H Fork dimensions: L x W x H Fork outer width Right-angle stacking aisle width, pallet 1000x1200 (1200 placed along the fork) Right-angle stacking aisle width, pallet 800x1200 (1200 placed along the fork) Right-angle stacking aisle width, pallet 1000x1000 (1000 placed along the fork) Minimum turning radius Ambient temperature and humidity range
	1724 x 1039 x 1995 mm 1220 x 180 x 60 mm 555/600/680 mm 2003+300 mm 1932+300 mm 1892+300 mm 1337 mm TEMP: 0°C to 50°C / RH: 10% to 90%, no compression, no condensation
Performance parameters	Driving speed: full load / no load Passability (slope / step / gap) Navigation position accuracy Navigation angle accuracy
	1.0 / 1.5 m/s <5% / 10 mm / 30 mm ±10 mm ±1°
Battery parameters	Battery specifications Comprehensive battery life Charging time (10% to 80%) Charging method
	24 V / 210 Ah (lithium iron phosphate) 10 h 2 h to 2.5 h Manual / Automatic
Function configurations	Lidar number Wi-Fi roaming 3D obstacle avoidance Pallet recognition
	1 (3D) +2 (SICK HV) +1 (C200) or 1 (P+F R2000) +2 (SICK HV) +1 (C200) ● ● ●
Safety configurations	Cage stack [3] High shelf pallet recognition [3] Pallet stack [5] HMI display E-stop button Sound and light indicator
	○ ○ ○ ● ● ●
Certifications	Braking distance: 1 m/s / 1.5 m/s 360° laser protection Fork height protection ISO 3691-4 EMC UN38.3 RED Global series Product series
	≤30 cm / ≤50 cm ● ● ● ● ● ● ● Yes Safety SEER SlimStack 2000

