SEER ROBOTICS

SEER PalletTruck 1500
SPT-1500

UL-certified: Safe handling, highly compatible with closed pallets.

Ultra-thin body, Compatible with various pallets

With a body height of only 150 mm, it can handle a wider range of pallets with different heights.

UL Certification, Ensuring Safety and Quality

The entire vehicle has passed the UL safety certification, offering the highest level of quality and safety assurance, making overseas operations smooth and hassle-free.

1300 mm Narrow Body, 1.5 T Load Capacity

With a load capacity of up to 1.5 T and a vehicle width of only 1300 mm, the minimum passage width required is just 1400 mm, ensuring smooth passage through narrow aisles.

AI Deep Learning, Recognize Multiple Carriers

With AI deep learning technology, it can recognize pallets in various specifications, different colors, wrapped or damaged pallets, as well as racks and cages. It can also adaptively recognize objects from multiple angles with high precision, ensuring stable loading and unloading.

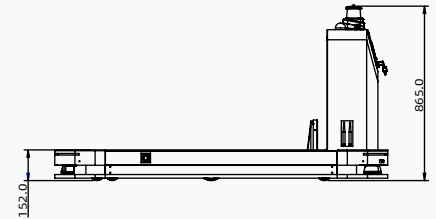### Multiple Navigation Options with ±10 mm Precision

Supports multiple navigation methods, including SLAM, reflective boards, and NFL, to meet diverse navigation needs in various scenarios, such as high-dynamic environments or unmodified settings. The positioning accuracy can reach ±10 mm.
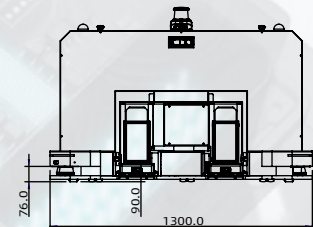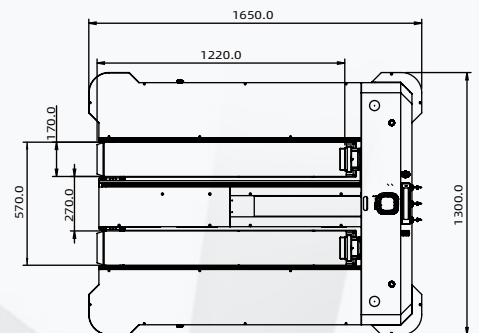
Flexible Customization, 4 Options Available

The standard fork length is available in 1100 mm and 1220 mm, with an outer width of 570 mm and 610 mm. It supports customization in four aspects: fork size, lifting height, color, and logo, meeting a wide range of personalized needs flexibly.

	● Standard ○ Optional	
	Product model	SPT-1500UL
Basic parameters	Navigation type	Laser SLAM
	Pallet type	Open pallet / closed pallet
	Rated load capacity	1500 kg
	Load center distance	100 mm
	Weight (with battery)	550 kg
	Standard lifting height	190mm
	Forklift dimensions: L x W x H	1650 x 1300 x 865 mm
	Fork dimensions: L x W x H	1100（1220）x 170 x 60mm
	Fork outer width	570 / 610 mm
	Right-angle stacking aisle width, pallet 1000×1200 (1200 placed along the fork)	2300 mm
	Right-angle stacking aisle width, pallet 800×1200 (1200 placed along the fork)	2300 mm
	Right-angle stacking aisle width, pallet 1000×1000 (1000 placed along the fork)	2300 mm
	Minimum turning radius	1050mm
Performance parameters	Driving speed: full load / no load	1.1 m/s
	Passability (slope / step / gap) [1]	＜5% / 5 mm / 30 mm
	Navigation position accuracy [2]	±10 mm
	Navigation angle accuracy [2]	±1°
Battery parameters	Battery specifications	48 V /23 AH（lithium iron phosphate）*2
	Comprehensive battery life	8 h
	Charging time (10% to 80%)	1.5 h
Function configurations	Lidar number	1 (P+F R2000) +2 (SICK nanoScan3)+2（FREE C213）
	Wi-Fi roaming	●
	3D obstacle avoidance [3]	○
	Pallet recognition [3]	○
	HMI display	●
Safety configurations	Braking distance: 1 m/s / 1.5 m/s	≤30 cm / ≤50 cm
	Fork height protection	●