



## SEER PalletTruck 1000 SPT-1000

### High Compatibility, Fearless of Pallet Types



#### Compatible with Various Pallets, Worry-free Handling

Compatible with the handling of various types of pallets, such as open pallets, and closed pallets.



#### 1200 mm Slim Vehicle Body, 1 T Load Capacity

The pallet truck newly designed by SEER Robotics has a load capacity of up to 1 ton. The vehicle width is only 1200 mm, and the minimum aisle width is only 1300 mm, ensuring smooth passage in 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, and racks and cages. It can also adaptively recognize from multiple angles and with high precision for stable loading and unloading.



#### 4 Navigation Options, Accuracy up to $\pm 10$ mm

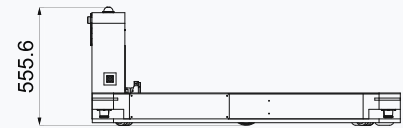
Supports multiple navigation methods such as SLAM, reflectors, and NFL. The repeat positioning accuracy can reach  $\pm 10$  mm, covering the navigation needs of various scenarios.



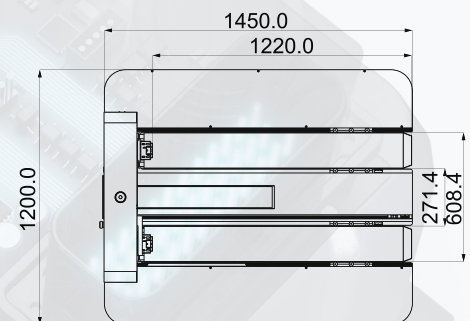
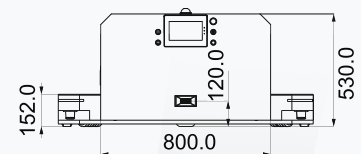
#### Flexible Customization, 4 Options Available

Supports four customization methods including fork width, vehicle height, color, and logo to flexibly meet various customization needs.

● Standard ○ Optional



Basic parameters	Product model	SPT-1000
	Operation type	Automatic navigation
	Navigation type	Laser SLAM
	Pallet type	Open pallet / closed pallet
	Rated load capacity	1000 kg
	Load center distance	100 mm
	Weight (with battery)	450 kg
	Standard lifting height	190 mm
	Forklift dimensions: L x W x H	1450 x 1200 x 556 mm
	Fork dimensions: L x W x H	1220 x 168 x 60 mm
	Fork outer width	610 mm
	Right-angle stacking aisle width, pallet 1000x1200 (1200 placed along the fork)	2000 mm
	Right-angle stacking aisle width, pallet 800x1200 (1200 placed along the fork)	2000 mm
	Right-angle stacking aisle width, pallet 1000x1000 (1000 placed along the fork)	2000 mm
Performance parameters	Minimum turning radius	900 mm
	Ambient temperature and humidity range	TEMP: 0°C to 50°C / RH: 10% to 90%, no compression, no condensation
	Driving speed: full load / no load	1.1 m/s
	Passability (slope / step / gap)	< 3% / 5 mm / 10 mm
	Navigation position accuracy	±10 mm
Battery parameters	Navigation angle accuracy	±1°
	Battery specifications	48 V / 36 Ah (lithium iron phosphate)
	Comprehensive battery life	8 h
	Charging time (10% to 80%)	1.5 h
	Charging method	Manual / Automatic
Function configurations	Lidar number	1 (H1E0 / Mid-360)+4 (C213)
	Wi-Fi roaming	●
	3D obstacle avoidance	○
	Pallet recognition	○
	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	●
	Bumper strip	○
	Fork height protection	●
	Global series	Yes
	Product series	SEER Pallet Truck



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