![META]

Build your own robot fleet within days.

Load Type

PalletTruck 1500
SFL-CBD15-ZL

Effortless Passage in Narrow Aisles, Exceptional Cost-Effectiveness

3D Laser Navigation, Unafraid of Complex Environments

The entire vehicle is equipped with the Mid-360 3D navigation laser, combined with SEER SLAM algorithm, enabling real-time and efficient map construction. This laser features a 360° horizontal field of view and a 59° vertical field of view, providing wider coverage. It ensures reliable performance in complex environments and greater adaptability.

Vehicle Width Only 824 mm, Effortless Passage in Narrow Aisles

With a vehicle width of just 824 mm and a turning radius of only 1246 mm, it is ideal for operations in narrow aisles.

Exceptional Cost-Effectiveness, The First Choice for 1.5 T Pallet Truck

In cooperation with SEER Ecosystem partners, the entire vehicle BOM has achieved optimal costs, and the vehicle dimensions are benchmarked against the standard products of the same type, making it the best choice for the 1500 kg pallet truck.

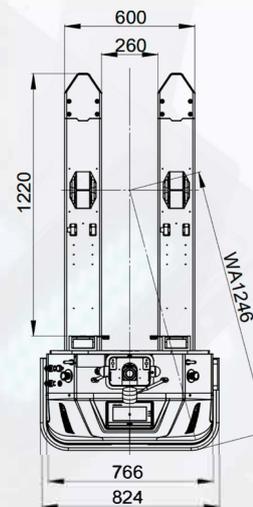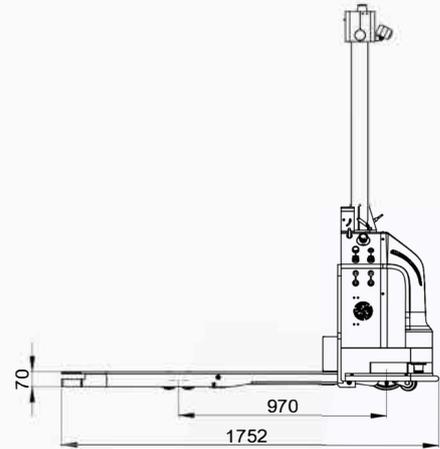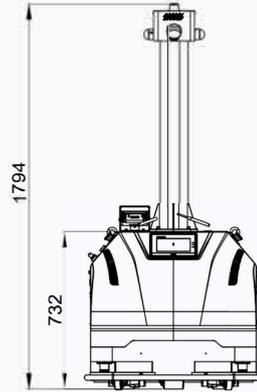### AI Deep Learning, Recognize Multiple Carriers

Leveraging AI deep learning technology, it can recognize various sizes, colors, shrink-wrapped or damaged pallets, as well as material racks and cages. It supports multi-angle, high-precision adaptive recognition for stable picking-up and dropping-off of goods.

Rich Options, Supports Various Customizations

It supports a variety of optional solutions, including laser navigation, pallet recognition, 3D obstacle avoidance, 3D navigation, and gimbal monitoring. The pallet truck can be customized with fork widths of 550 mm, 600 mm, or 680 mm, and also allows for customer-specific logos and color customization.

	● Standard ○ Optional	
	Product model	SFL-CBD15-ZL
Basic parameters	Operation type	Automatic navigation, by manual control device
	Navigation type	Laser SLAM
	Pallet type	Open pallet
	Rated load capacity	1500 kg
	Load center distance	610 mm
	Weight (with battery)	350 kg
	Standard lifting height	120 mm
	Forklift dimensions: L x W x H	1752 × 824 × 1794 mm
	Fork dimensions: L x W x H	1220 × 170 × 70 mm
	Fork outer width	550 / 600 / 680 mm
	Right-angle stacking aisle width, pallet 1000×1200 (1200 placed along the fork)	2170 mm
	Right-angle stacking aisle width, pallet 800×1200 (1200 placed along the fork)	2105 mm
	Right-angle stacking aisle width, pallet 1000×1000 (1000 placed along the fork)	2041 mm
	Minimum turning radius	1246 mm
	Ambient temperature and humidity range	TEMP: 0℃ to 50℃ / RH: 10% to 90%, no compression, no condensation
Performance parameters	Driving speed: full load / no load	1 / 1.5 m/s
	Passability (slope / step / gap)	< 5% / 10 mm / 30 mm
	Navigation position accuracy	±10 mm
	Navigation angle accuracy	±0.5*
Battery parameters	Battery specifications	24 V / 100 Ah (lithium iron phosphate)
	Comprehensive battery life	7 h to 8 h
	Charging time (10% to 80%)	2 h
	Charging method	Manual / Automatic
Function configurations	Lidar number	1 (H1)+2 (C214)
	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
	Bumper strip	●
	Global series	Not
	Product series	SEER Pallet Truck