

Product model	SFL-CBD15	
Basic parameters	Product name	Laser SLAM Autonomous Pallet Truck
	Operation type	Automatic navigation, by manual control device
	Navigation type	Laser SLAM
	Pallet type	Open pallet
	Rated load capacity	1500 kg
	Load center distance	600 mm
	Weight (with battery)	388 kg
	Standard lifting height	205 mm
	Forklift dimensions: L x W x H	1712 x 932 x 1902 mm
	Fork dimensions: L x W x H	1220 x (170+7) x 75 mm (7 mm wiring panel)
	Fork outer width	550 / 600 / 680 mm
	Right-angle stacking aisle width, pallet 1000×1200 (1200 placed along the fork)	2252 mm
	Right-angle stacking aisle width, pallet 800×1200 (1200 placed along the fork)	2190 mm
	Right-angle stacking aisle width, pallet 1000×1000 (1000 placed along the fork)	2224 mm
	Minimum turning radius	1524 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	2 / 2 m/s
	Passability (slope / step / gap)	< 5% / 10 mm / 30 mm
	Navigation position accuracy	±10 mm
	Navigation angle accuracy	±1°
Battery parameters	Battery specifications	48 V / 23 Ah (lithium iron phosphate)
	Comprehensive battery life	4 to 6 h
	Charging time (10% to 80%)	1 h
	Charging method	Manual / Automatic
Function configurations	Lidar number	1 (H1) +2 (C2)
	Wi-Fi roaming	●
	3D obstacle avoidance	○
	Pallet recognition	○
Safety configurations	HMI display	●
	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	●
Certifications	Fork height protection	●
	ISO 3691-4	-
	EMC	●
	UN38.3	●
Product series	RED	-
		SEER Pallet Truck