

SRC-powered

Laser SLAM small stacker automatic forklift

SFL-CDD14

- **High precision**
Pallet recognition+Accurate handling
- **Flexible dispatching**
Seamless access to dispatching system
- **Comprehensive protection**
Obstacle avoidance laser
+Bumper+Distance sensor
+3D Camera - 360° protection
- **Slim**
Small gyration radius, suitable for narrow channel applications
- **Good applicability**
Ramp, gap, elevator, transfer, stacker
- **Real Laser SLAM**
No reflector, easy to deploy



Scan to follow

仙工智能

Specifications

Basic specifications

Model designation	SFL-CDD14
Power unit	Electric
Operation	Telecontrol/Laser navigation
Rated load capacity	1400kg
Load center	600mm
Axle centre to fork face	648mm
Wheelbase (fork raised/lowered)	877mm

Weight

Weight (including battery)	680kg
Axle load with load, drive/load side	730/1350kg
Axle load without load drive/load side	450/230kg

Wheel

Tyre, operator/load side: Rubber(R), polyurethane(PU)	Polyurethane
Tyre size, drive side	Φ230×75mm
Tyre size, load side	Φ80×54mm
Tyre size, balancing side	Φ115×55mm
Wheels number, drive/load side (x=driven)	1x-2/4
Track width, drive side	380/500mm
Track width, load side	538mm

Basic dimensions

Mast retracted height (total height)	2040mm
Lifting height	1600mm
Mast expansion height	2130mm
Minimum height of forks from the ground	85mm
Navigation scan height	2000mm
Center height of charging port	500mm
Total length	1565mm

Basic dimensions

Body length (without fork)	416mm
Charging port center distance, front end of shelving	180mm
Total width	882mm
Fork size (length/width/height)	1150/180/55mm
Outer width of fork	560/680 (note 1)
Minimum ground clearance	30mm
Aisle width, 1000x1200mm pallet crosswise	1885mm
Aisle width, 800x1200mm pallet lengthwise	1685mm
Minimum turning radius	1130mm

Other specifications

Driving velocity, with/without load	5/6km/h
Rising velocity, with/without load	115/170mm/s
Dropping velocity, with/without load	160/125mm/s
Climbing ability (S2, 5 min), with/without load, 5 min. rating	3/5%
Braking method	Electromagnetic
Driving motor power	1.25kw
Lifting motor power	3kw
Steering motor power	0.165kw
Battery type	Lithium iron phosphate battery
Battery charge and discharge cycles	> 2500次
Battery voltage/rated capacity (5h)	24/180Ah
Battery weight	58kg
Driving control method	AC motor speed feedback
Cab noise level, according to EN12053	≤ 70 dB(A)

The parameters of the standard forklift will vary according to the actual equipment.
1. (Note 1) 560 is standard width. 680 is customized width.

Dimensions (mm)

