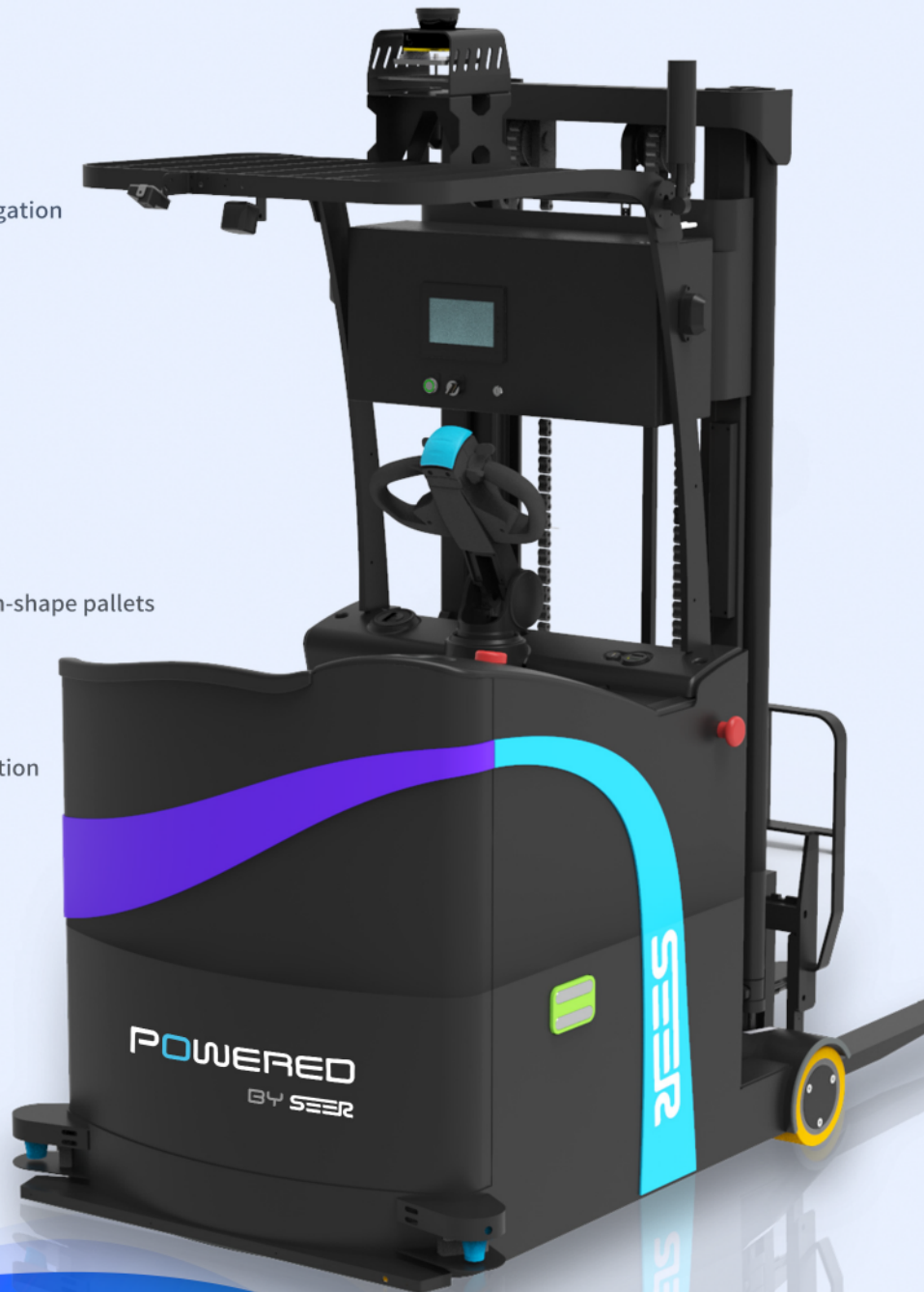


# SRC-powered

Laser SLAM counter balanced stacking automatic forklift

# SFL-CPD15-T

- **Real Laser SLAM**  
Easy to deploy with trackless route navigation
- **High precision**  
Pallet recognition+Accurate handling
- **Good applicability**  
Ramp, gap, elevator, transfer, stacker
- **Support various pallets**  
Available to tian-shape pallets and chuan-shape pallets
- **Comprehensive protection**  
Obstacle avoidance laser+Bumper  
+Distance sensor+3D Camera, 360° protection
- **Heavy load**  
Rated loads up to 15000kg



Scan to follow

仙工智能

## Specifications

### Basic specifications

Model designation	CPD15-T
Rated load capacity	1500kg
Load center	500mm
Motor (AC\DC, Open/Close)	DC/Close

### Basic dimensions

Standard lifting height	3300mm
Free lifting height	0mm
Fork CARR standard	ISO2328
Standard fork size (length/width/thick)	110x40x950mm
Fork spacing (max/min)	750/215(including560/600)mm
Total length (Tail to fork point)	2555mm
Body length (tail to front end of fork)	1605mm
Total width	1150mm
Mast retracted height	2160mm
Mast expansion height	4208mm
Overhead height (including navigation laser)	2326mm
Axle centre to fork face (fork raised/lowered)	173mm
Minimum turning radius "Wa"	1510+200mm
Min right angle aisle width	1870+200mm
Aisle width, 1000x1000mm pallet crosswise (Ast)	2740+200mm

### Performance

Driving velocity forward	5/5km/h
Driving velocity backward	5/5km/h
Driving velocity, with/without load	95/120mm/s
Dropping velocity, with/without load	120/85mm/s
Maximum traction with/without load	/
Maximum climbing ability with/without load S2 5min	5/8%

### Quality

Weight (including battery)	2325kg
Axle load with load, front/drive/balancing side	3175/590/60kg
Axle load without load front/drive/balancing side	2494/590/741kg

### Other specifications

Wheels number, front/back side (x=driven)	2/1 X-2
Front tyre	PU
Rear tyre	PU
Wheelbase (fork raised/lowered)	1098mm
Front wheel base	909mm
Rear wheel base	608mm
Minimum ground clearance	55mm
Wheelbase center ground clearance	55mm
Braking	Electromagnetic
Parking braking	Electromagnetic
Battery type	Solder type
Battery voltage/capacity	24/270V/Ah
Battery weight	230kg
Driving motor power	1.8kW
Driving motor control	AC
Lifting motor power	3kW
Lifting motor control	DC
Steering motor power	0.165kW
Steering motor control	DC
Charger type	External
Charging type	Intelligent charging
Charger phases/voltage	Single phase/220V
Charger charging power	1.2KVA
Fitting loads	16MPa
Cab noise level	≤75dB

## Dimensions (mm)

