

SLIM

Narrow-aisle Forklift



Convenient Operation & Maintenance



Flexible Dispatching



Task Management



Independent R&D

- **Millimeter-level Positioning Accuracy:**
Slam+ Laser reflector positioning
- **Multi-level Safety Protection:**
Safety lasers, front and rear collision edge, emergency stop button
- **Smart Battery Management:**
Personal power automation setting, auto-charging when low battery
- **Wireless Network Communication:**
Support WiFi network communication and wireless roaming, accessible operation in the network coverage area

SLIM

Break through the traditional concept of forklift handling, and create a new intelligent logistics product from the perspective of a robot. It combines SLAM technology with a variety of laser navigation solutions to create a new intelligent transportation system for customers that is more flexible, accurate, and faster in delivery. It can be widely used in production line-side transportation, low-level material loading, warehouse management, and human-vehicle interaction, greatly improving the efficiency and management level of warehouse operations in e-commerce warehousing, 3C manufacturing, traditional manufacturing, medicine, food, and automobile manufacturing.



Production Line-side
Transportation



Low-level Material
Loading



Warehouse
Management



Human-vehicle
Interaction

Model: GZ-CDR31-14L

Model	Electric	Vehicle Length	1565(mm)	Lifting Speed, Full Load /No Load	100/120(mm/s)
Rated Load	1400(kg)	Distance From Fork Surface to the Front	417(mm)	Descending Speed, Full Load/No Load	130/120(mm/s)
Load Center Distance	600(mm)	Vehicle Width	882(mm)	Maximum Gradeability, Full Load/No Load	5/8(%)
Wheelbase	876.5(mm)	Fork Size	55/180/1150 (mm)	Braking Method	Electromagnetic Brake
Front Suspended Distance	647.5(mm)	Fork Width	680(mm)	Drive Motor Power	1.25(kw)
Weight (Including Battery)	590(kg)	Minimum Ground Clearance	30(mm)	Lifting Motor Power	3(kw)
Wheel Material	PU	Right-Angle Stacking Aisle Width With Pallet 1000×1200 (Short Side Entry)	1870(mm)	Steering Motor Power	0.3(kw)
Height When Mast Retracted	1522(mm)	Right-Angle Stacking Aisle Width With Pallet 800×1200 (Short Side Entry)	1825(mm)	Battery Type	Lithium Iron Phosphate
Lifting Height	0(mm)	Minimum Turning Radius	1130(mm)	Battery Voltage/Rated Capacity (5-Hour Discharge Rate)	24/180(V/Ah)
Maximum Lifting Height	100-2000(mm)	Move Speed(Full Load/No Load)	5.5(km/h)	Drive Control Method	Speed Feedback
Height of the Fork From the Ground (Minimum)	85(mm)			Operating Noise According To En12053	≤60(db(A))

Load Parameters Table

Load Center Distance (mm)	600	700	800	900	1000
Maximum Load(kg)	1400	1270	1180	900	800



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