

Stacking Forklift AMR

FP150/FP200 Series

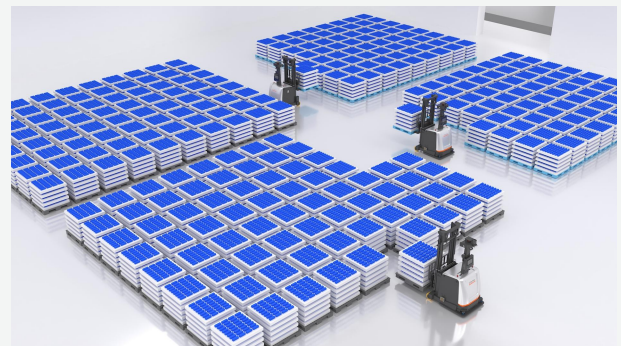
FP150/FP200 is a fork-and-take counterweight AMR with a rated load of 1500KG/2000KG, which supports a minimum of 3100mm/3450mm pick-up channels, and supports fork-to-field pallets, providing an ideal solution for enterprises.



◆ Applications



Handling of stamped parts



Handling of finished battery cells



Photovoltaic unloading and handling



Dense storage

Zhejiang HuaRay Technology Co., Ltd.

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◆ Features

Adapts to a variety of vehicles

- No outrigger structure, can be adapted to the field work bracket
- It can be adapted to more special-shaped vehicles

Strong adaptability to the environment

- Natural navigation, no need for reflectors in normal environments
- For high-precision scenes, reflective pillars are added, and the positioning accuracy can reach $\pm 10\text{mm}$

Safe and reliable

- Laser fusion vision realizes 360° all-round safety detection
- It can identify obstacles as low as 5 cm
- Backward detection and missing pallet detection

IntelliSense

- Support a variety of pallet independent identification
- Support up to 15°/10cm deviation adjustment docking

◆ parameter

Model	RTA-FP150-L-H300-3L2T	
Basic parameters	Navigation	Laser SLAM
	Dimensions L*W*H (mm)	2472*1112*2259
	Rated load (kg)	1500
	Lifting height (mm)	3000
	Fork outer width (mm)	530/620
	Min. ground clearance of the forks (mm)	65±3
Safety protection	Laser obstacle avoidance	Standard
	Pallet in place detection	Standard
	Visual avoidance	Standard
	Collision detection (Bumper)	Standard
	Sound and light alarm	Standard
Athletic performance	Max. no-load speed (m/s)	1.5
	Max. full-load speed (m/s)	1.2
	Stop position accuracy (mm)	±10
	Min. pickup width (mm)	3100
	Battery life cycle	2000
Battery performance	Running time (h)	8
	Charging time (h)	2

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