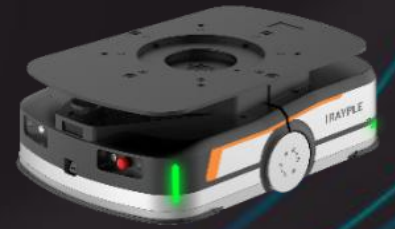


Latent AMR

C100D Series

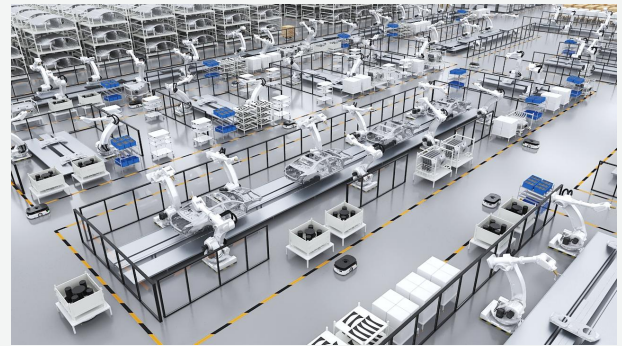
The C100D latent AMR utilizes a modular design concept with streamlined product interior, improved product robustness, easy operation & maintenance. The product is equipped with 360° laser protection to ensure safer and more reliable human-machine interaction.



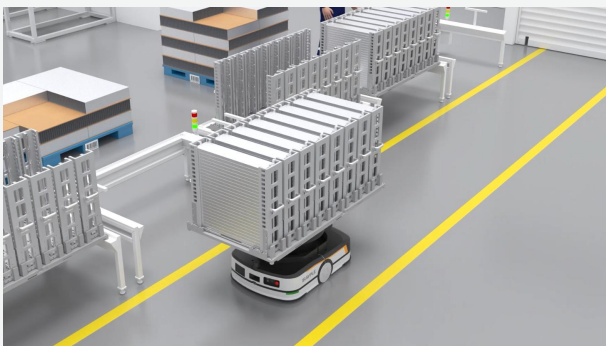
Applications



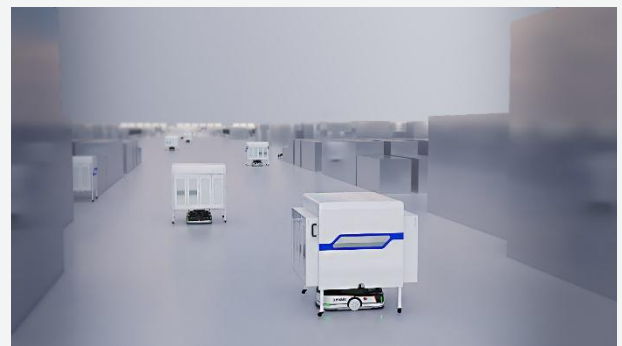
3C Warehousing & Material Handling



Automotive Parts Handling



Raw Material Handling of EV Battery



PV Cell Handling

Zhejiang HuaRay Technology Co., Ltd.

- No.590 Chang 'he Road, Binjiang District, Hangzhou, China
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- 400-681-8858 · overseas@irayple.com

※ This page will strive to provide accurate information to the best of its ability, but errors may still exist. The information is for reference only. In the event of updates to product information, no separate notifications will be given, and our company will not be held responsible for any resulting liabilities.



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Features

Hybrid Navigation

- Multiple navigation: Laser SLAM, QR code, Texture
- Different navigation methods can be used at the same site

Fast Battery Switch

- Rapid battery replacement in 65 seconds. No need for charging wait time

High Safety & High Reliability

- Hybrid laser and vision, realize 360° stereo-obstacle avoidance
- Detection of obstacles as low as 1 cm
- Configure indicator light, realize alarm in advance

Intelligent Recognition

- Recognizing the angle of the carrier and planning the pick-up path autonomously
- Adaptation to the environment and autonomous obstacle avoidance

Parameters

Product model	RTA-C100-LQ-2L2T-E-421	
Basic parameters	Navigation	Laser / QR code / Texture
	Dimensions L*W*H (mm)	950*650*300
	Rotation diameter (mm)	1000
	Lifting height (mm)	60
	Laser navigation height (mm)	240
	Lifting plate size (mm)	900*560
	Rated load (kg)	1000
	Drive mode	Two-wheel differential
Security protection	Obstacle avoidance	Front and rear laser + Front and rear TOF
	Obstacle avoidance angle (°)	360
	Marker lights	Standard
	Collision detection	Standard
	Sound and light alarm	Standard
Athletic performance	Max. no-load speed (m/s)	1.5
	Max. full-load speed (m/s)	1
	Stop position accuracy (mm)	±10
	Moving direction	Forward and backward + Rotate in place
Battery performance	Battery life cycle	1500
	Running time (h)	8
	Charging time (h)	2

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