



SERVICE SERIES

DELIVERY ROBOT

We offer Custom-Engineered Robotics Solutions

What sets Ciyes apart in AMR solutions?



Full-Stack Engineering Expertise

- In-house capabilities in PCB design, embedded systems, mechanical enclosures and powertrain development
- Ability to design at component level, ensuring precision control, safety and energy efficiency



Multi-Disciplinary Design Strength

- Synergy across software, electronics and mechanical design under one roof
- Mechatronics - driven development ensuring ruggedness and operational continuity



Custom-Built for Industrial Use Cases

- Modular AMR platforms to suit logistics, storage, facility services and hygiene automation
- Seamless integration with MES, ERP and WMS systems for synchronized workflows



Rapid Deployment with Scalable Platforms

- Configurable chassis and payload systems for rapid customization
- Fleet management system ready for scale-up across large plants and multi-site operations

Core Technologies Powering Our AMRs

SLAM

Reliable indoor navigation in dynamic layouts

AI Path Planning

Real-time obstacle avoidance and rerouting

Custom PCB Design

Optimized control, safety and sensor interfacing

Battery & Power Design

10+ hours of runtime with intelligent charging

Rugged Mechanical Frames

Suitable for industrial floor conditions

Modular Software Architecture

Quick integration with enterprise systems

Specifications

Specifications	Features/Functionalities Capabilities	Specifications	Features/Functionalities Capabilities
Robot Weight	120 Kg	Ground Clearance	25 mm
Velocity	0.3 ~ 1.2 m/s	Network	Wifi
Max Slope	$\leq 10^\circ$	Battery	50Ah
No. of Tray	3	Operational Screen	10.1 inch, 1280 x 720 px
Robot Size	810 x 540 x 1200 mm	Advertising Screen	15.6 inch, 1920 x 1080 px
Tray Size	645 x 440 mm	Operation Time	Continuous working > 10h
Type	Delivery Robot	Charging Hours	4hr
Tray Distance	200 mm	Camera	Compact 3-axis gimbal camera featuring a 1/1.7-inch Sony CMOS sensor, 8 MP effective resolution, 4K video recording at 25 fps and 6X digital zoom
Single Tray Load	30 Kg	Communication	Wi-Fi (Dual Band Wireless)
Max Payload	100 Kg		I/O Connections (USB, Ethernet)
Lidar	2 X 2D lidar (360 ° coverage)		

