



MOVE, PROVE, IMPROVE



LORT is a technology brand launched in 2025 under the assurance of Lodamaster, proudly introduced as Move, Prove, Improve. LORT offers industrial and service robotics designed to revolutionize both the logistics industry and service sectors such as restaurants and hotels.

From warehousing, sorting, conveying, and (un)loading solutions to autonomous service robots that assist staff in hospitality environments, LORT empowers businesses to achieve operational efficiency and better customer experience through robotics.

With our headquarters in Istanbul and Poland, dedicated teams across Europe, and global partners, we deliver end-to-end robotic solutions worldwide.

By leveraging our deep expertise in automation and robotics, we start with an on-site analysis of your processes and propose the most suitable technologies with a consultancy-led approach.

Autonomous
Delivery

Multi Robot
Scheduling

Autonomous
Charging

IoT
Compatibility

Deployment
within Minutes



ServeBot



SafeBot



CleanBot



CarryBot



LoadBot



LiftBot



LogiBot



New AMR

Zero-cost and remote deployment



Dynamic routing and active obstacle avoidance



Strong environmental adaptability



Autonomous lift taking and passing electric gate



Highly cost effective



VS

Traditional Robots

Lay tracks or signs, complex deployment



Fixed route



Poor environmental adaptability and movement ability



Unable to contact and pass through IoT equipment



High price



It ensures safe and efficient delivery by automatically moving to the next location after detecting order pickup, while its large screen plays promotional videos with sound and the smart shelf lights up to highlight the correct item.

Payload	40 kg
Tray Configuration	2,3,4 smart trays customization
Operation Time	10 hours
Charging Time	4 hours
Speed (m/s)	0,3-1,2 m/s



3D Obstacle Avoidance

Up and down RGBD cameras
No blind spot, 360° flexible obstacle avoidance

Smart Tray

Smart payload sensor, improve delivery efficiency
AI light belt reminder
Flexible and adjustable trays

Powerful Lidar

360° detection
Ultra far range, ultra high precision



Smart IoT System

Automatic take lift, pass through auto gate and auto door
Robot calling system
Smart table locator system

Large HD Screen

Large size, max resolution, ultra high definition
Display your marketing AD

Independent Suspension

Car-grade independent suspension of chassis
Flexible adjustment, effective damping

- Picture /video/GIF/Music, various format support
- 15.6 inc HD dpi 1920*1080
- Fixed-time/festival/birthday, flexible time setting
- Robot phone/PC end resource management.

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Equipped with a secure, password-protected compartment, it ensures the safe transport of confidential and valuable items. Its customizable exterior design allows seamless integration into different environments.

Payload	40 kg
Box Configuration	2,3,4 smart trays customization
Operation Time	10 hours
Charging Time	4 hours
Speed (m/s)	0,3-1,2 m/s



OFFICE

HOTEL

RESTAURANT

HOSPITAL

Smart IoT System

Automatic take lift, pass through auto gate and auto door
Robot calling system
Smart table locator system

Secret Cabin

Not-seen items

Powerful Lidar

360° detection
Ultra far range, ultra high precision

3D Obstacle Avoidance

Up and down RGBD cameras
No blind spot, 360° flexible obstacle avoidance

Password Locked

Designed for delivery
special/secret/valuable items

Independent Suspension

Car-grade independent suspension of chassis
Flexible adjustment, effective damping



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OFFICE HOSPITAL FACTORY HOTEL SCHOOL

The disinfection robot effectively sanitizes an area of 1,000 square meters in just 15 minutes, elevating hygiene standards to the highest level

Tank Capacity	16 lt.
Operation Time	3-6 hours
Charging Time	2-3 hours



OFFICE HOSPITAL FACTORY HOTEL SCHOOL

Tank
16L Disinfection tank. 1000m²/h

Sprayer
Multiple replaceable sprayers

Powerful Lidar
360° detection
Ultra far range, ultra high precision

Independent Suspension
Car-grade independent suspension of chassis
Flexible adjustment, effective damping

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Its modular structure allows customizable box combinations.
It can operate in collaboration with multiple robots and integrates seamlessly with systems such as elevators and automatic doors.

Payload

80- 150 kg

Operation Time

10 hours

Cabin Configuration

Customizable

Speed

1,2 m/s





- **Multi-modal Interaction:**
Touch screen, voice control, and other interaction modes offer a user-friendly experience.
- **Large HD Display:**
10.1-inch screen with high-definition image quality for clear and vibrant visuals.
- **Lighting Reminders:**
More than 10 types of lighting cues enhance communication and visibility.
- **AI Voice Assistant:**
Smart reminders and intuitive voice interaction powered by artificial intelligence.
- **Flexible Operation:**
Can be controlled simultaneously via the robot terminal or remotely, unlike traditional AGVs.

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AI Voice Assistant
Audio
AI Lightbelts
4G, Wi-Fi, Bluetooth Connection
Emergency Button

It can operate in collaboration with multiple robots and integrates seamlessly with systems such as elevators and automatic doors.

Payload	300 kg
Operation Time	9 hours
Cabin Configuration	Customizable
Speed	1,2 m/s



Payload (KG)	Measurment
80	55*50*124
150	74*50*124
300	74*50*124
300 Model E	90*60*124

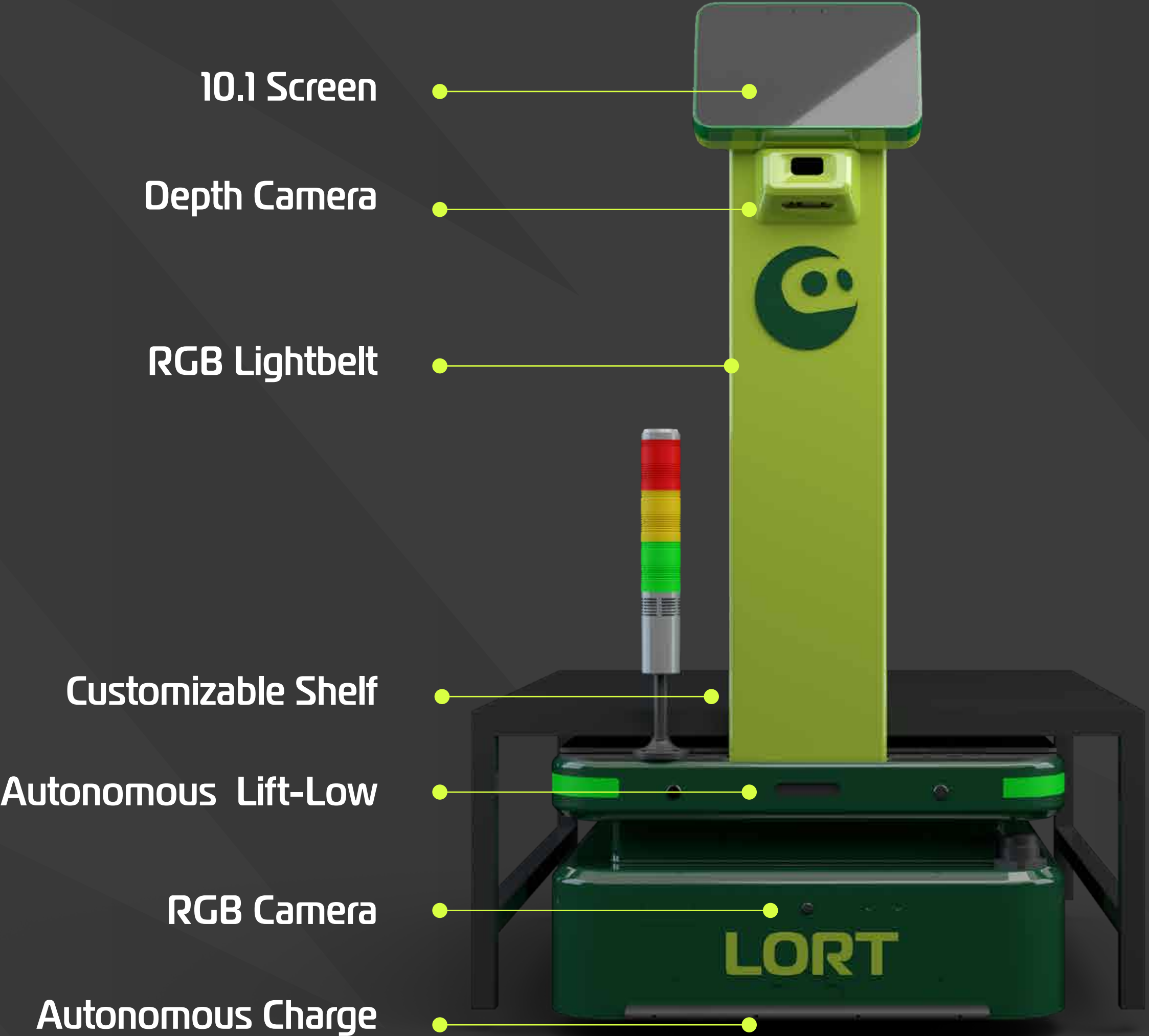


It supports various transport modes such as automatic lifting and manual unloading; enables one-click remote calling and real-time task assignment via its onboard tablet; allows multi-point delivery and collaboration with multiple robots; and integrates seamlessly with elevators, automatic doors, and access control systems

Payload**150-600 kg****Operation Time****10 hours****Cabin Configuration****Customizable****Speed****1,2 m/s**

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Payload (KG)	Measurment
150	74*50*124
300	74*50*124
300 Model E	90*60*124
600	95*65*131



The autonomous forklift is equipped with advanced sensors such as lidar and depth cameras. This allows it to autonomously navigate through narrow aisles, avoid obstacles, and perform pallet transportation from one place to another by following predefined routes.

Payload 1500 kg

Operation Time 5-7 hours

Pallet Lift 20 cm

Measure 165*85*189

Slope 3 - 5

Speed 1,2 m/s



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It supports various transport modes such as automatic lifting and manual unloading; enables one-click remote calling and real-time task assignment via its onboard tablet; allows multi-point delivery and collaboration with multiple robots; and integrates seamlessly with elevators, automatic doors, and access control systems.

Payload	150-600 kg
Operation Time	10 hours
Cabin Configuration	Customizable
Speed	1,2 m/s



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Full Autonomous Operation

Smart Sensing, Decision Making, and Control

Obstacle
Avoidance

Autonomous
Charging

Smart Mapping

Elevator

Autonomous Gate

Autonomous Positioning, Navigation, and Obstacle Avoidance

- Based on AI deep learning algorithm for multi-sensor perception fusion
- Global + local multi-level navigation route planning
- Stable operation of multiple machines in complex indoor environments

Seamless Transport and Quiet Operation

- Delivers smooth acceleration and braking through precise speed control.
- Features an autonomous suspension damping system for enhanced stability.
- Effortlessly navigates thick carpets, wooden floors, marble joints, and both upward and downward inclines.





