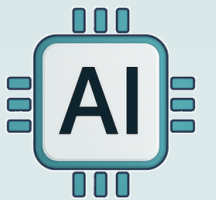


# ROBOTS FOR SMARTER ENVIROMENTS



**ROBOTICS AS**  
Robots For Smarter Environments



# Labor shortages, the rise of e-commerce, and the demand for greater efficiency are fueling the adoption of autonomous mobile robots in workplaces requiring transportation solutions.

by  
**2028,**

there will be more smart robots than frontline workers in manufacturing, retail and logistics due to **labor shortages**.<sup>(3)</sup>

**30% of** supply chain companies rank **labor** in their **top 3 obstacles**, and **59%** invest in automation to address availability issues. <sup>(3)</sup>

**78%** of consumers now expecting to see same-day or next-day options when ordering online.

**+330K**

Transport and logistic robots are projected in 2026 with a CAGR of 40% from 2022<sup>(5)</sup>

**60% of**

workers in sectors like **logistics and warehouses** suffer from **musculoskeletal disorders** (MSDs), the most common work-related illness in the EU<sup>(4)</sup>

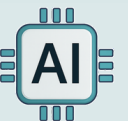
**80%**

of warehouses are “still manually operated with no supporting automation” in Middle East<sup>(2)</sup>

**\$44 bn**

The expected **reach of the global market size for Warehouse Automation Market** by 2028<sup>(1)</sup>

Repetitive tasks in warehouses raise **error risks, fatigue,** and lower order accuracy.



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# Transforming workspaces: where indoor mobile robots enhance efficiency across key sectors



For automating tasks such as picking, packing, and transporting goods within warehouses.



For moving materials between production stages, reducing downtime and optimizing workflow.



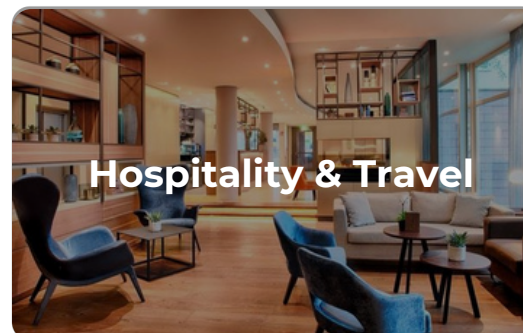
For delivering medications, transporting medical supplies, and assisting in routine tasks.



Robots assist in lab settings by automating sample handling, conducting experiments, and ensuring precise measurements.



Robots can manage inventory, assist with restocking shelves, and even guide customers to specific products, enhancing the shopping experience.



For handling tasks like room service deliveries, luggage transport in hotels, and assisting with passenger guidance.



# Empowering Automation with Mobile Robots - Optimize Your Operations by Reducing Manual Labor and Boosting Efficiency

Lean production, continuous operation, digital control, and flexible material handling for routine task automation.

## Challenges

**Resource Optimization and Waste Reduction**

**Labor shortage**

**Overcoming Operational Inefficiencies**

**Handling Rapid Material Changes in Production**

**Addressing Time and Labor Costs in Routine Inspections**

**Boosting Competitiveness in a Competitive Production Market**

## Benefits with Mobile Robots

**Smart matching and lean production:** based on a smart matching method, with a focus on Just-In-Time (JIT) production, which reduces waste and improves efficiency.

**Continuous operations and fast delivery:** The system ensures high efficiency with 24/7 operation, fast delivery speed, replacement of repetitive manual work, and a full record of material and delivery tasks.

**Digitalized management and control** ensures flexible task setting, timely delivery, fixed route loop delivery, traceable operation logs, and quantified results for optimized management.

**The flexible material delivery structure** facilitates the rapid switching of large quantities of materials during production changeovers and supports flexible scheduling allocation to enhance overall efficiency.

**The routine inspection task** leads to time and manpower savings, cost reductions, and a release from labor-intensive work.

**The smart production system** enhances brand competitiveness and boosts overall production competitiveness.



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# Introducing the future of mobile transport: our modular robotics family for dynamic workspaces

**The Base for All:**  
uLogModular Platform  
Adaptive Robots for  
Every Task



Our  
ready-  
to-use  
uLog  
series

## DELIVER



## LIFT

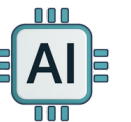


## LIFT BASE



# Unlock infinite customization and expanded solutions with our modular platform—built for integrators, distributors, and end users.

uLog offers a modular platform that seamlessly fits into workflow, enhanced with industry-standard accessories. It simplifies operations and boosts safety and efficiency in a wider range of settings including logistics, manufacturing, retail, and healthcare.







**Engineered for maximum flexibility and seamless integration:** discover the comprehensive and versatile features of our modular platform.



**Modular Design**



**Real-Time Operation Data**



**Safety & Data Privacy**  
prioritized with highly sensitive sensor technology and certificates



**Open API and No-Code Interfaces**



**Robust Multi-Robot Fleet Management**



**Robot command device & Follow mode**



**Advanced Navigation Technology**



**Interoperability with AMR/AGV Systems**



**Connectivity and Extensions**



**Rapid Deployments**  
within minutes



**Online Dashboard**  
operation visualization



**Door & Elevator Management**  
enabling easy and efficient utilization of existing automated systems



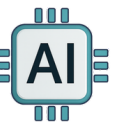
**High Payload Capacity**  
Capable of carrying up to 600kg



**Long Battery Life and Efficient Charging**



**Mobility**  
High-speed navigation up to 1.2 m/s



**ROBOTICS AS**  
Robots For Smarter Environments

# URG's Advanced Mobile Delivery Robots series (DELIVER, LIFT, LIFT BASE) - Quick Deployment for Autonomous Tasks, Optimizing Logistics and Efficiency

Designed for seamless integration into automated solutions across diverse environments.

## Our ready-to-use uLogseries

### DELIVER



### LIFT



### LIFT BASE



#### Hospitals; Clinics; Senior care

Cart towing, Room service, Closed delivery (sensitive goods, e.g. medicine) Stock supply, Supply from stock to station or patient rooms, (meals, drugs, waste, laundry, ...), (Disinfection)

#### Restaurants; Canteens; Retail; Hotels; Airport, etc.

Cart towing, Food / drink delivery; Dishes / trays transport, Product promotion, Shelve refill, Closed delivery (room service, click&collect); Luggage transport

#### Production line; Warehouse; Fulfillment (e-commerce)

Cart towing, Goods/material (g/m) receipt and storage, g/m supply from stock to production lines (incl. JIT) g/m transport, Order picking, Sortation (conveyor, tilt tray) (Inventory management)

#### Laboratories (pharma, med-tech, bio-tech, nutraceuticals, processing, QC, etc.)

Goods receipt and storage, Material supply from stock to lab, Equipment transport



# The power of our ready-to-use series: All fully automated operations with cross-floor mobility, intelligent control, and quiet, seamless movement

**Mobility features** include independent elevator riding, gate passage, obstacle avoidance, recharging, strong walking ability, adjustable speed, and intelligent positioning



Elevator



Gate



Automatic Door



Obstacle avoidance



Automatic recharging



Intelligent Map Creation

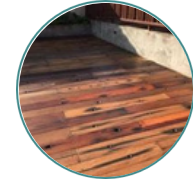
**Applicable Floor Types** The system offers precise speed control for fast, stable movement and features autonomous suspension damping, enabling smooth traversal over thick carpets, wooden floors, marble joints, and slopes, with controlled starting and stopping.



Thick Carpet



Cement



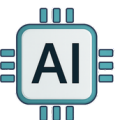
Wooden Floor



Marble



Outdoor



The deployment of the uLogseries is designed to be highly **intuitive and user-friendly**, offering both **on-premise (offline)** and **cloud-based** deployment options.

### Robot Offline Mapping



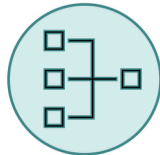
On premises  
deployment



Offline  
deployment



Easy to  
configure



Cross platform  
support

### Auto Deployment



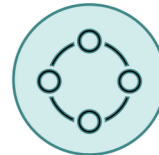
Mapping within  
minutes



cm-level HD  
3Dmap



Cartographer  
enhanced  
algorithms



Unlimited  
mapping area

### Remote Deployment



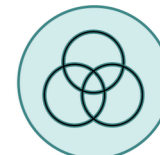
Remote  
deployment



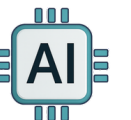
Fully  
autonomous



Group  
formation



Fleet  
collaboration



**ROBOTICS AS**  
Robots For Smarter Environments



**It is ready to use, easy to operate:** enhancing operational efficiency with remote control, precision navigation, and seamless integration

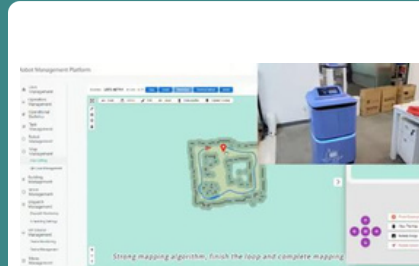
Remotecalling  
& push notifications upon arrival



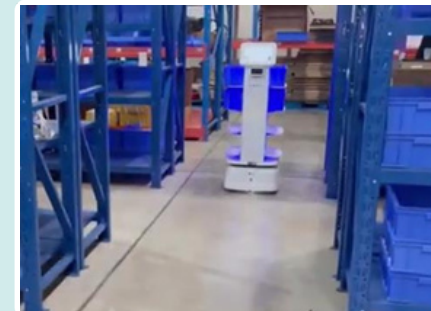
Cross-floor deliverywith  
intelligent lift integration



Remote Control

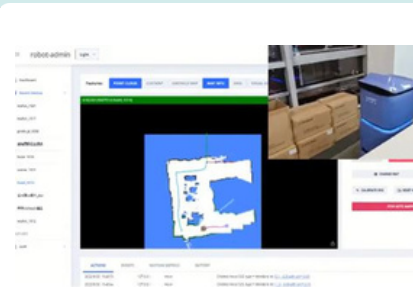


Navigationthroughtightspace  
withhandlingofstandardbox  
sizes and4 available spaces

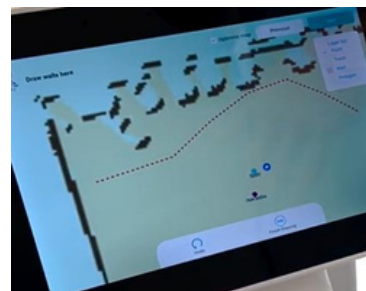


Lifting and  
destination  
point  
(uLogLIFT&  
uLogLIFTBASE  
series only)

Real-time Remote mapping for  
precise control



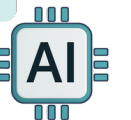
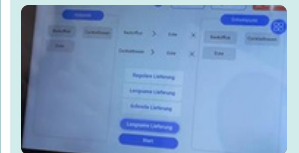
Define areas (Narrow spaces,  
slow drive, forbidden zones...



Advanced route planning  
modes: Autonomous, Virtual  
Streets, and Obstacle Avoidance

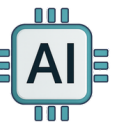
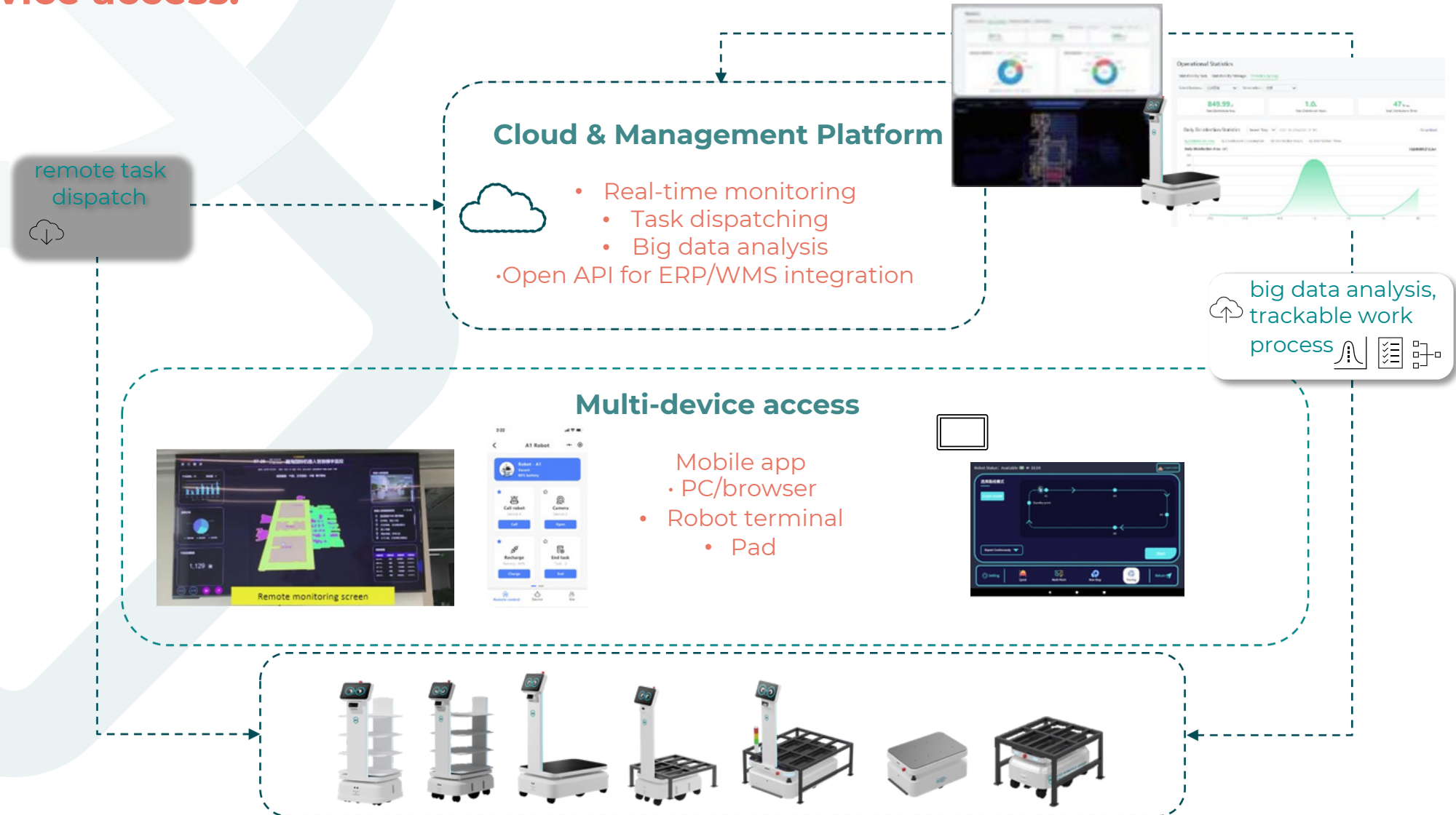


Autoreturntodockingstation &  
automatic charging



**ROBOTICS AS**  
Robots For Smarter Environments

# Centralized and flexible robot management with **cloud integration** and **multi-device access**.





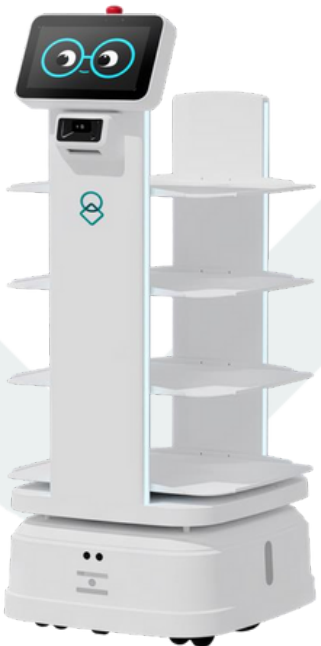


## uLogDELIVER series

# Introduction of URG uLogDelivery Robots Solution

## u·Log DELIVER 80

- Load capacity of 80 or 150 kg
- Handling of light items
- Agile movement
- Intelligent operation in narrow spaces (production lines)
- Reduction of unnecessary personnel movement



## u·Log DELIVER 150



## u·Log DELIVER 300

- Load capacity of up to 300 kg
- Supports flexible customization
- Allows for replacement of carriers



## u·Log DELIVER 300 XL

- Large cargo area
- Load capacity of up to 300 kg
- Combines carrying capacity with flexibility

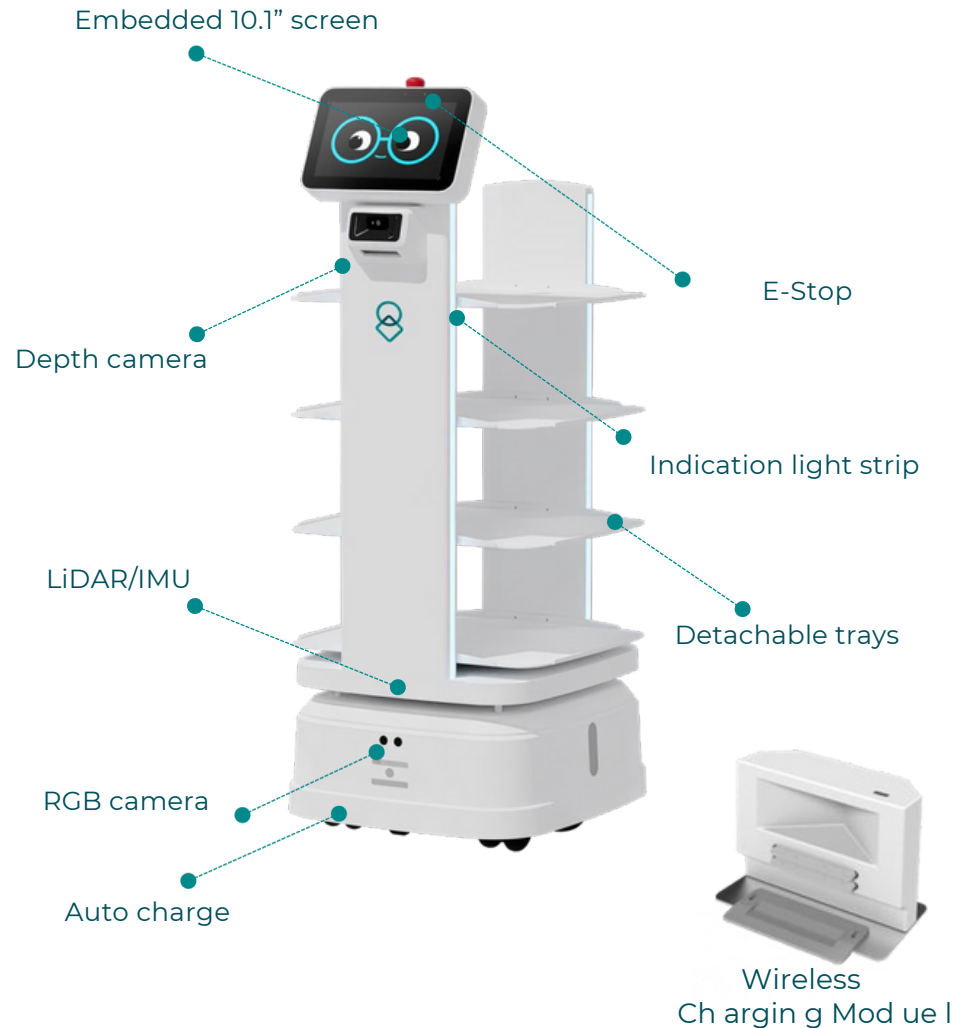


# uLogDeliver 80

## Key functions / Equipment

- Load weight up to 80kg
- Max. speed of 1.2 m/s
- 4 shelf layers (customizable)
- Embedded screen
- Safety LiDAR
- Safety spot & buzzer
- Camera
- Speakers
- LED lights
- Wireless charging

- Handling of light items
- Agile movement
- Intelligent operation in narrow spaces (production lines)
- Reduction of unnecessary personnel movement



## u·Log DELIVER 80

- **Dimensions:** 570 x 500 x 1240 mm
- **Maximum Load Capacity:** 80 kg
- **Empty Vehicle Weight:** 65 kg
- **Minimum passage Width:** 60 cm
- **Loading Area:** 500 x 424 mm
- **Working environment:** Indoor and outdoor in qualified parks/industry zones
- **Maximum Speed:** 1,2 m/s
- **Navigation Mode:** Free / Track / Mixed / Follow
- **Positioning Accuracy:**  $\pm 5$  mm /  $\pm 1^\circ$
- **Network Communication:** 4G/5G/Traffic qu o t a /WIFI/Bluetooth
- **Battery:** Operation time: 10h / Charging time: 5,5h
- **Expendables peripheral:** Elevator, automatic door, notification lights and speakers, call buttons, follow bracelets, rollers, cabinets, shelves
- **Product Safety Compliance:** Machine Directive ISO 12100, ISO 13849, ISO 13850, IEC 60204-1 | Risk Assessment & Design (ISO 12100) | ISO 3691-4
- **EMC:** EMC Directive (EN IEC 62196, IEC 61000-6-2, IEC 61000-6-4)
- **Restriction of hazardous substances:** DIN EN IEC 62321
- **Radio Certification:** Radio Equipment Directive (ETSI EN 489-1, ETSI EN 489-17, ETSI EN 489-52) | ETSI EN 300 238 | ETSI EN 301 908-1, ETSI EN 301 908-13 | EN 1175 | EN IEC 62311 :2020

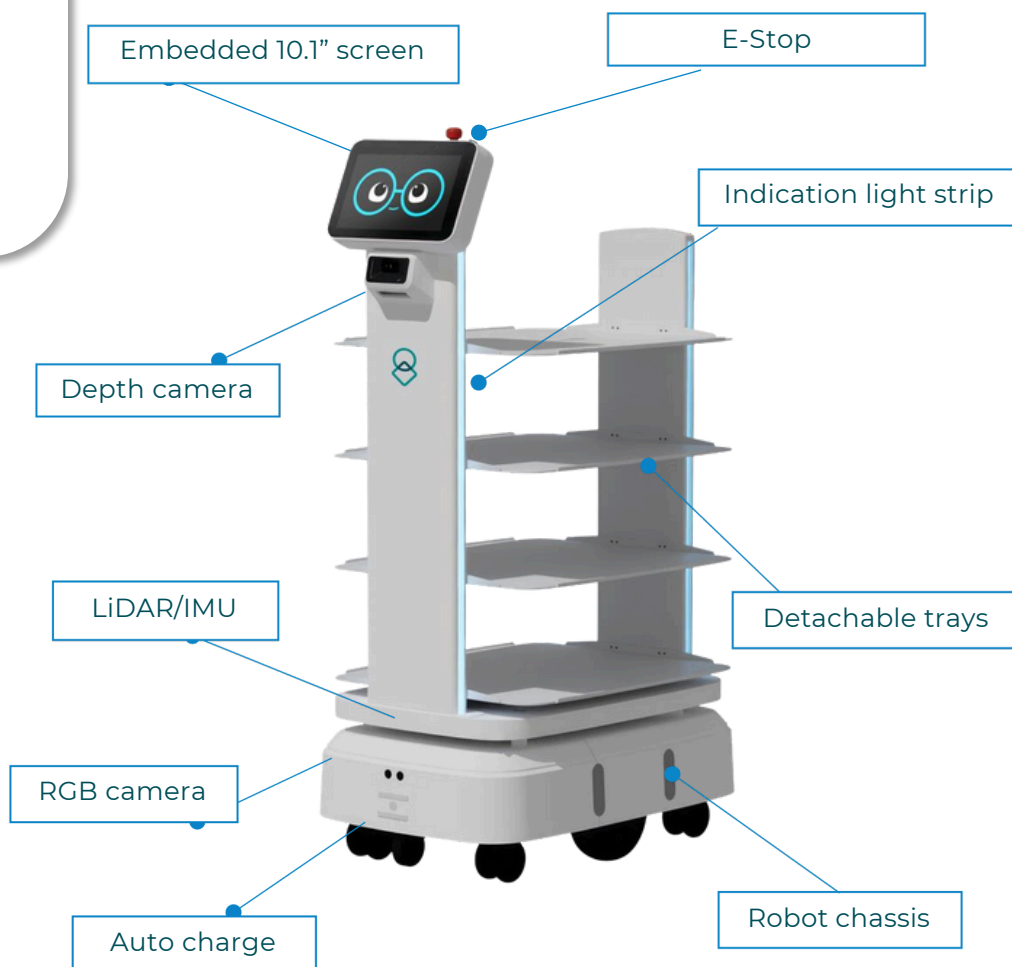


# uLogDeliver 150

## Keyfunctions / Equipment

- Load capacity of 150kg
- Max. speed of 1.2 m/s
- 4 shelf layers (customizable)
- Embedded screen
- Safety LiDAR
- Safety spot & buzzer
- Camera
- Speakers
- LED lights
- Wireless charging

- Handling of light items
- Agile movement
- Intelligent operation in narrow spaces (production lines)
- Reduction of unnecessary personal movement



uCharge04



Wireless  
Charging Module

## u·Log DELIVER 150

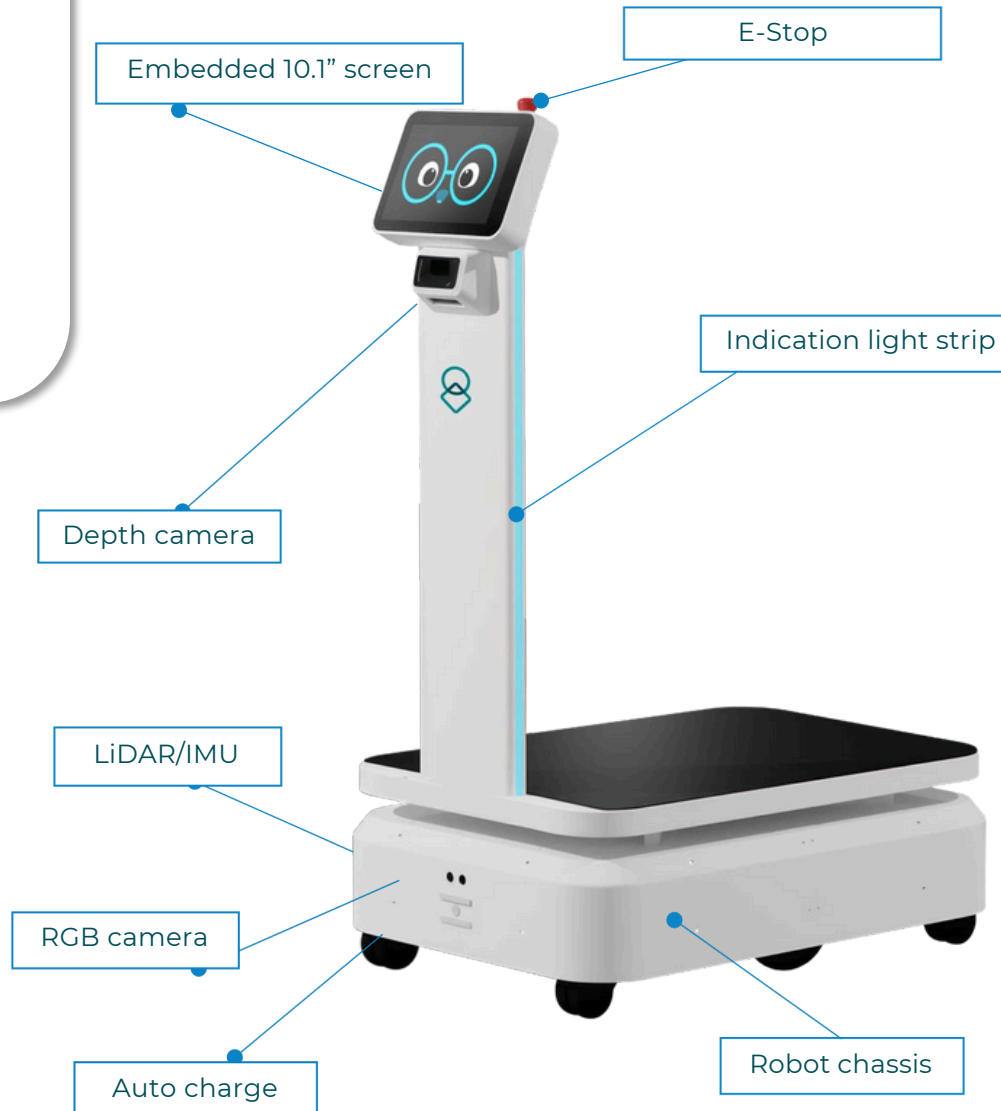
- **Dimensions:** 740 x 500 x 1240 mm
- **Maximum Load Capacity:** 150 kg
- **Empty Vehicle Weight:** 90 kg
- **Minimum passage Width:** 70 cm
- **Loading Area:** 580 x 500 mm
- **Working environment:** Indoor and outdoor in qualified parks/industry zones
- **Maximum Speed:** 1,2 m/s
- **Navigation Mode:** Free / Track / Mixed / Follow
- **Positioning Accuracy:**  $\pm 5$  mm /  $\pm 1^\circ$
- **Network Communication:** 4G/5G/Traffic quota / WiFi / Bluetooth
- **Battery:** Operation time: 10h / Charging time: 5,5h
- **Expendables peripheral:** Elevator, automatic door, notification lights and speakers, call buttons, follow bracelets, rollers, cabinets, shelves
- **Product Safety Compliance:** Machine Directive ISO 12100, ISO 13849, ISO 13850, IEC 60204-1 | Risk Assessment & Design (ISO 12100) | ISO 3691-4
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# uLogDeliver 300

## Keyfunctions / Equipment

- **Load capacity** of upto 300kg
- **Maximum speed** of 1.2 m/s
- **Max height** of 1.2 m
- **Equipment**
  - Embedded screen
  - Safety LiDAR
  - Safety spot & buzzer
  - Camera
  - Speakers
- **Wireless charging**

- Supports flexible customization
- Allows for replacement of carriers



uCharge04



Wireless  
Charging Module

## u·Log DELIVER 300

- **Dimensions:** 740 x 500 x 1240 mm
- **Maximum Load Capacity:** 300 kg
- **Empty Vehicle Weight:** 85 kg
- **Minimum passage Width:** 70 cm
- **Loading Area:** 620 x 500 mm
- **Working environment:** Indoor and outdoor in qualified parks/industry zones
- **Maximum Speed:** 1,2 m/s
- **Navigation Mode:** Free / Track / Mixed / Follow
- **Positioning Accuracy:**  $\pm 5$  mm /  $\pm 1^\circ$
- **Network Communication:** 4G/5G/Traffic quota / WiFi / Bluetooth
- **Battery:** Operation time: 10h / Charging time: 5,5h
- **Expandable peripheral:** Elevator, automatic door, notification lights and speakers, call buttons, follow bracelets, rollers, cabinets, shelves
- **Product Safety Compliance:** Machine Directive ISO 12100, ISO 13849, ISO 13850, IEC 60204-1 | Risk Assessment & Design (ISO 12100) | ISO 3691-4
- **EMC:** EMC Directive (EN IEC 62196, IEC 61000-6-2, IEC 61000-6-4)
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# uLogDeliver 300 XL

- Large cargo area
- Combines carrying capacity with flexibility

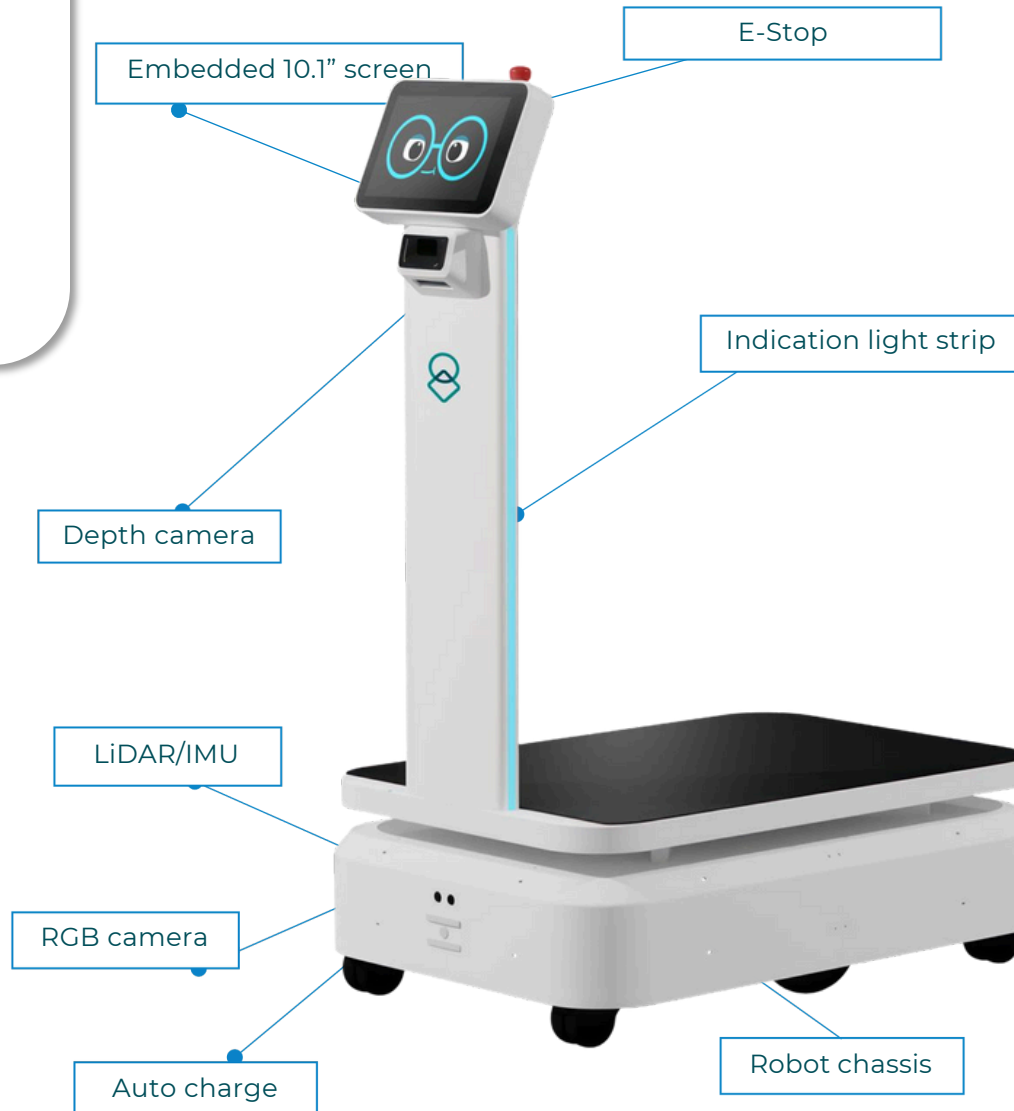
## Keyfunctions / Equipment

- Load capacity of upto 300kg
- Maximum speed of 1.2 m/s
- Embedded screen
- Safety LiDAR
- Safety spot & buzzer
- Camera
- Speakers
- Wireless charging

uCharge04



Wireless Charging Module



## u·Log DELIVER 300 XL

- **Dimensions:** 900 x 600 x 1240 mm
- **Maximum Load Capacity:** 300 kg
- **Empty Vehicle Weight:** 95 kg
- **Minimum passage Width:** 80 cm
- **Loading Area:** 770 x 600 mm
- **Working environment:** Indoor and outdoor in qualified parks/industry zones
- **Maximum Speed:** 1,2 m/s
- **Navigation Mode:** Free / Track / Mixed / Follow
- **Positioning Accuracy:**  $\pm 5$  mm /  $\pm 1^\circ$
- **Network Communication:** 4G/5G/Traffic
- **Battery:** Operation time: 10h / Charging time: 5,5h
- **Expendables peripheral:** Elevator, automatic door, notification lights and speakers, call buttons, follow bracelets, rollers, cabinets, shelves
- **Product Safety Compliance:** Machine Directive ISO 12 100, ISO 13849, ISO 13850, IEC 60204-1 | Risk Assessment & Design (ISO 12100) | ISO 3691-4
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## uLogLIFT series

# Introduction of URG uLogLiftingRobots Solution

## u·Log LIFT 150

- Load capacity of 150 kg



## u·Log LIFT 300

- Load capacity of 300 kg



## u·Log LIFT 300 XL

- Load capacity of up to 300 kg



## u·Log LIFT 600

- **Ultra-high load capacity** to 600kg



- Equipped with advanced lifting functions.
- Can autonomously identify shelves.
- Perform lifting operations independently.
- Enable unmanned material handling.

- Supports quick integration with MES, ERP, and WMS systems.
- Facilitate task assignment from production systems to robots.
- RCS Scheduling: Supports multi-robot scheduling.

# uLogLift 150

## Keyfunctions / Equipment

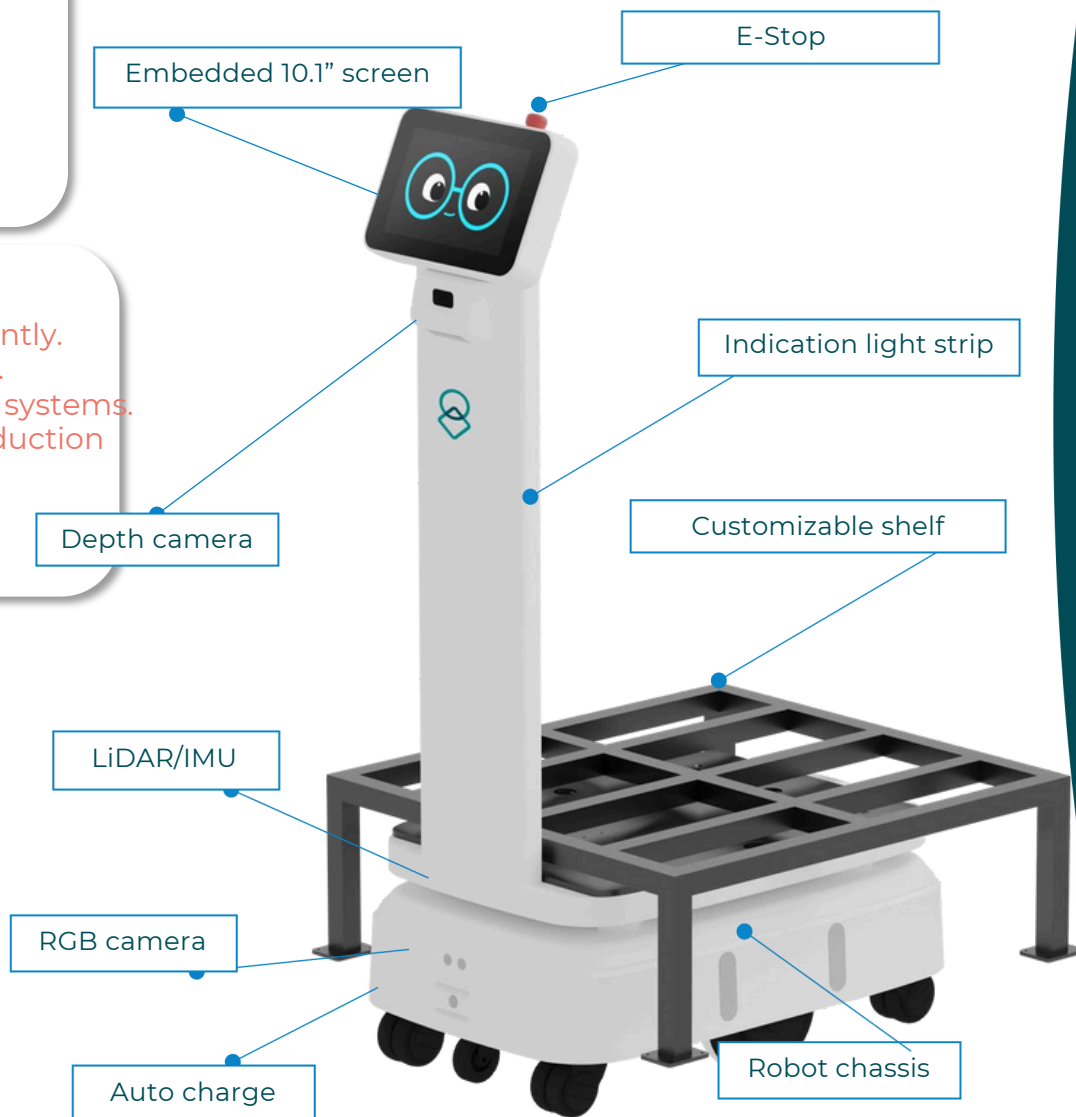
- Load capacity of 150kg
- Safety spot & buzzer
- Speakers
- LED lights
- Wireless charging

- Can autonomously identify shelves.
- Perform lifting operations independently.
- Enable unmanned material handling.
- Integration with MES, ERP, and WMS systems.
- Facilitates task assignment from production systems to robots.
- RCS Scheduling

uCharge04



Wireless  
Charging Module



## u·Log LIFT 150

- **Dimensions:** 740 x 500 x 1240 mm
- **Maximum Load Capacity:** 150 kg
- **Empty Vehicle Weight:** 78 kg
- **Minimum passage Width:** 80 cm
- **Working environment:** Indoor and outdoor in qualified parks/industry zones
- **Maximum Speed:** 1,2 m/s
- **Navigation Mode:** Free / Track / Mixed / Follow
- **Positioning Accuracy:**  $\pm 5$  mm /  $\pm 1^\circ$
- **Network Communication:** 4G/5G/Traffic qu ot a /W IFI/ B I u etoo th
- **Battery:** Operation time: 10h / Charging time: 5,5h
- **Expendables peripheral:** Elevator, automatic door, notification lights and speakers, call buttons, follow bracelets, rollers, cabinets, shelves
- **Product Safety Compliance:** Machine Directive ISO 12100, ISO 13849, ISO 13850, IEC 60204-1 | Risk Assessment & Design (ISO 12100) | ISO 3691-4
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# uLogLift 300

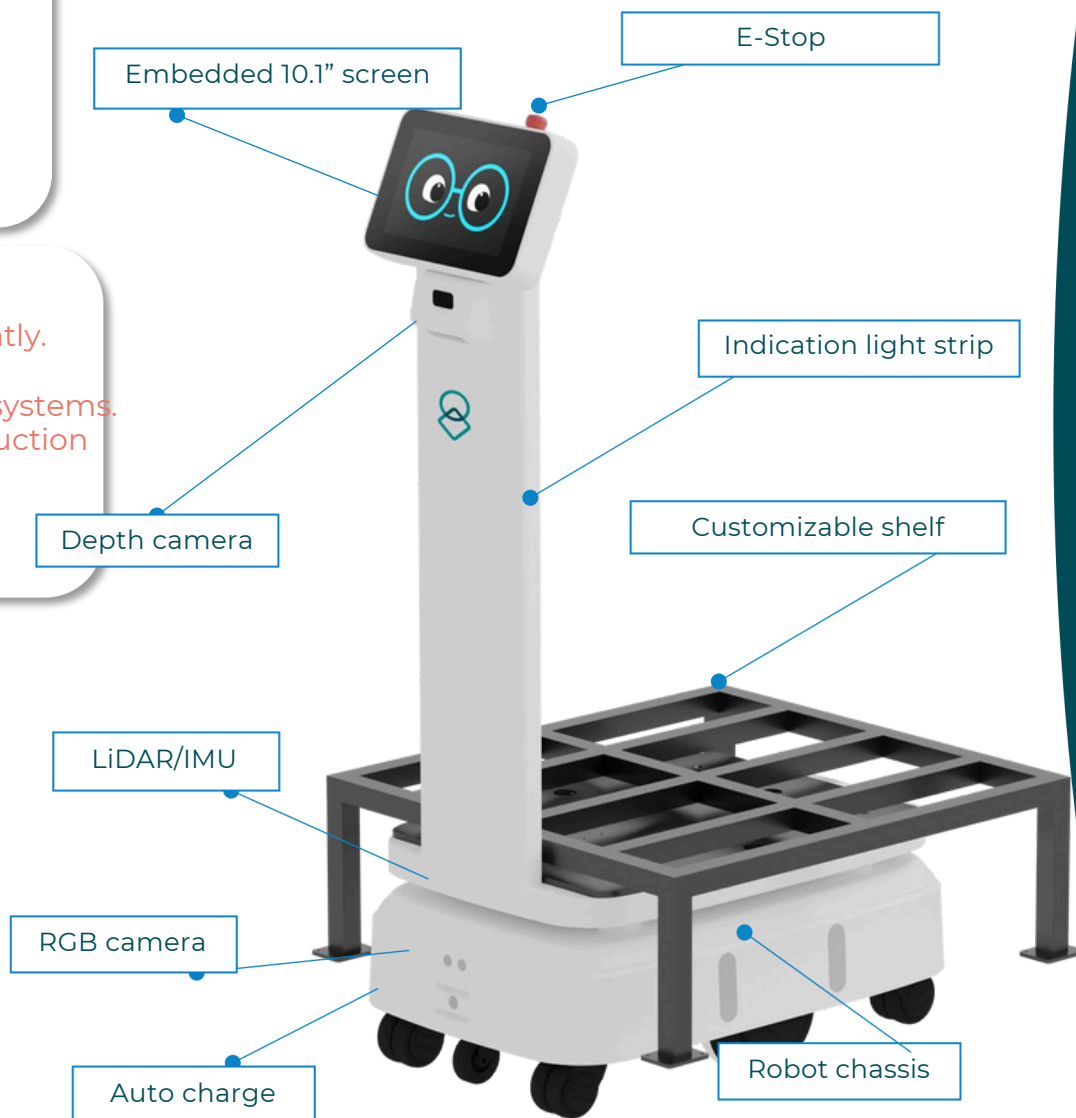
## Keyfunctions / Equipment

- Load capacity of 300kg
- Safety spot & buzzer
- Speakers
- LED lights
- Wireless charging

- Can autonomously identify shelves.
- Perform lifting operations independently.
- Enable unmanned material handling.
- Integration with MES, ERP, and WMS systems.
- Facilitates task assignment from production systems to robots.
- RCS Scheduling



Wireless Charging Module



## u·Log LIFT 300

- **Dimensions:** 740 x 500 x 1240 mm
- **Maximum Load Capacity:** 300 kg
- **Empty Vehicle Weight:** 78 kg
- **Minimum passage Width:** 80 cm
- **Working environment:** Indoor and outdoor in qualified parks/industry zones
- **Maximum Speed:** 1,2 m/s
- **Navigation Mode:** Free / Track / Mixed / Follow
- **Positioning Accuracy:**  $\pm 5$  mm /  $\pm 1^\circ$
- **Network Communication:** 4G/5G/Traffic qu o t a / W I F I / B l u e t o o t h
- **Battery:** Operation time: 10h / Charging time: 5,5h
- **Expendables peripheral:** Elevator, automatic door, notification lights and speakers, call buttons, follow bracelets, rollers, cabinets, shelves
- **Product Safety Compliance:** Machine Directive ISO 12 100, ISO 13849, ISO 13850, IEC 60204-1 | Risk Assessment & Design (ISO 12100) | ISO 3691-4
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- **Radio Certification:** Radio Equipment Directive (ETSI EN 489-1, ETSI EN 489-17, ETSI EN 489-52) | ESI EN 300 238 | ETSI EN 301 908-1, ETSI EN 301 908-13 | EN 1175 | EN IEC 62311 :2020



# uLogLift 300 XL

## Keyfunctions / Equipment

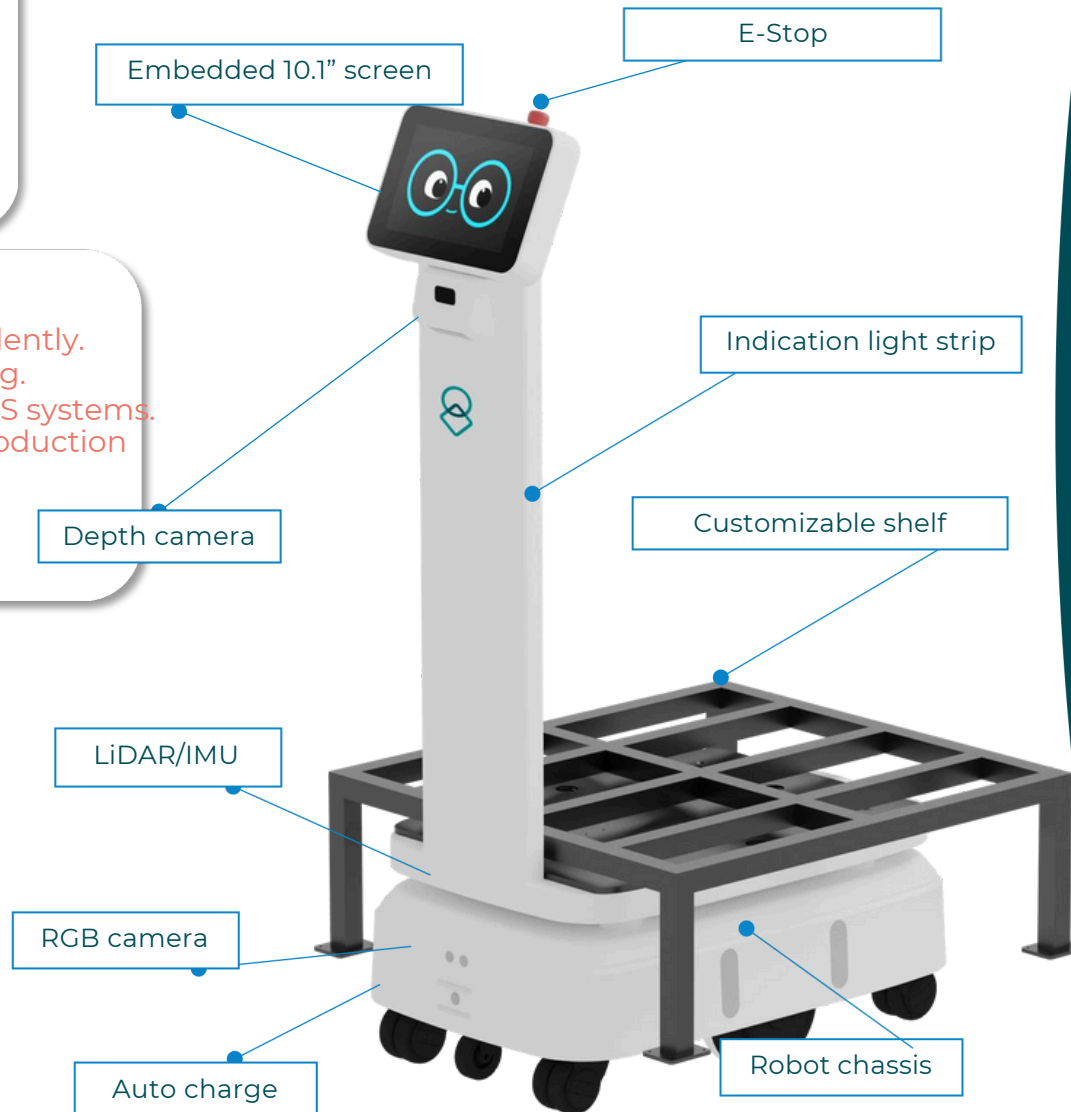
- Load capacity of 150kg
- Safety spot & buzzer
- Camera
- Speakers
- LED lights
- Wireless charging

- Can autonomously identify shelves.
- Perform lifting operations independently.
- Enable unmanned material handling.
- Integration with MES, ERP, and WMS systems.
- Facilitates task assignment from production systems to robots.
- RCS Scheduling

uCharge04



Wireless  
Charging Module



## u·Log LIFT 300 XL

- **Dimensions:** 900 x 600 x 1240 mm
- **Maximum Load Capacity:** 300 kg
- **Empty Vehicle Weight:** 100 kg
- **Minimum passage Width:** 75 cm
- **Working environment:** Indoor and outdoor in qualified parks/industry zones
- **Maximum Speed:** 1,2 m/s
- **Navigation Mode:** Free / Track / Mixed / Follow
- **Positioning Accuracy :**  $\pm 5$  mm /  $\pm 1^\circ$
- **Network Communication:** 4G/5G/Traffic
- **Battery Operation time :** 10h / Charging time : 5h
- **Expendables peripheral:** Elevator, automatic door, notification lights and speakers, call buttons, follow bracelets, rollers, cabinets, shelves
- **Product Safety Compliance:** Machine Directive ISO 12100, ISO 13849, ISO 13850, IEC 60204-1 | Risk Assessment & Design (ISO 12100) | ISO 3691-4
- **EMC :** EMC Directive (EN IEC 62196, IEC 61000-6-2, IEC 61000-6-4)
- **Restriction of hazardous substances:** DIN EN IEC 62321
- **Radio Certification:** Radio Equipment Directive (ETSI EN 489-1, ETSI EN 489-17, ETSI EN 489-52) | EN 300 238 | EN 301 908-1, EN 301 908-13 | EN 1175 | EN IEC 62311 :2020

# uLogLift 600

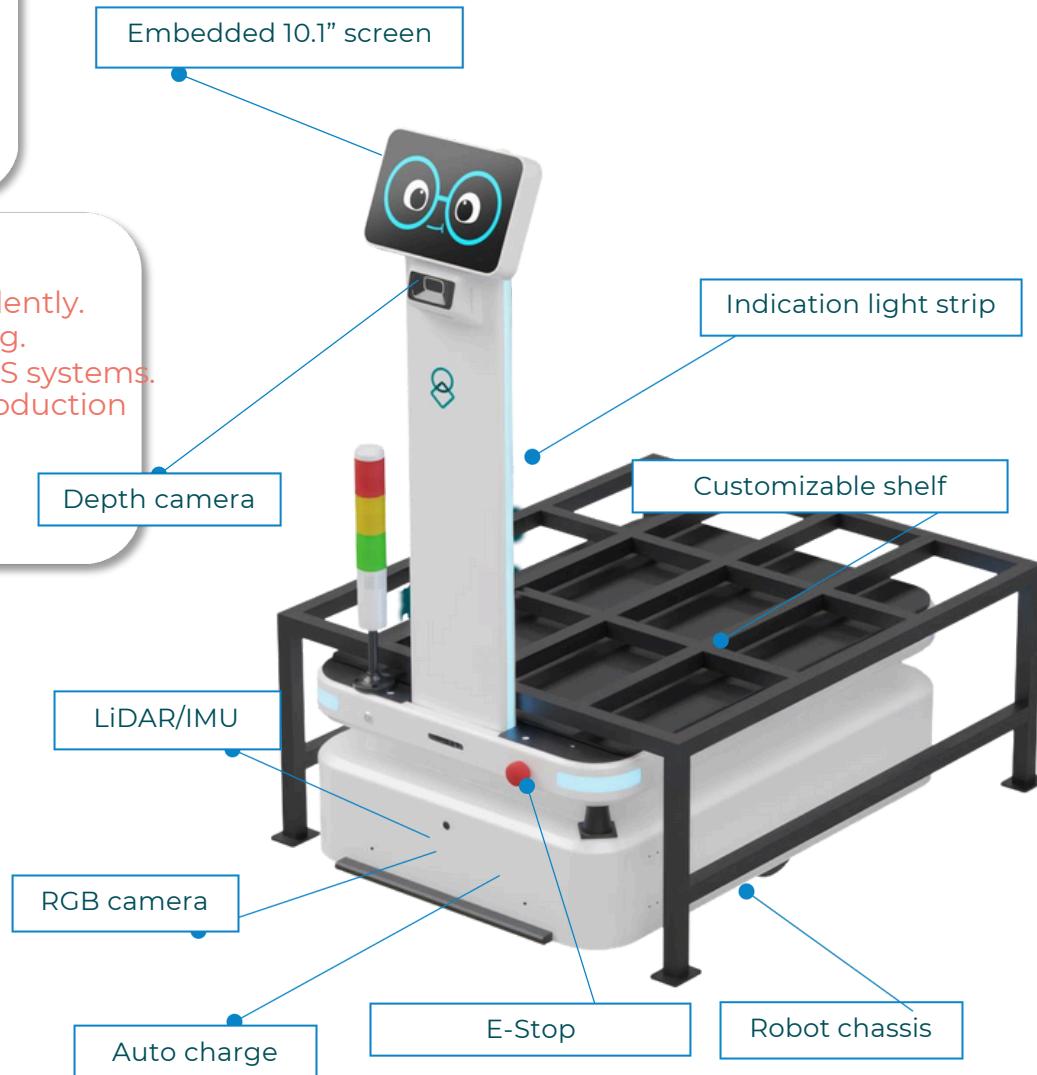
## Keyfunctions / Equipment

- Load kg
- Safety spot & buzzer
- Camera
- Speakers
- LED lights
- Wireless charging

- Can autonomously identify shelves.
- Perform lifting operations independently.
- Enable unmanned material handling.
- Integration with MES, ERP, and WMS systems.
- Facilitates task assignment from production systems to robots.
- RCS Scheduling



Wireless  
Charging Module



## u·Log LIFT 600

- **Dimensions:** 950x500x1240 mm
- **Maximum Load Capacity:** 600 kg
- **Empty Vehicle Weight:** 180 kg
- **Minimum passage Width:** 80 cm
- **Working environment:** Indoor and outdoor in qualified parks/industry zones
- **Maximum Speed:** 1,2 m/s
- **Navigation Mode:** Free / Track / Mixed / Follow
- **Positioning Accuracy :**  $\pm 5$  mm /  $\pm 1^\circ$
- **Network Communication:** 4G/5G/Traffic qu ot a /W IFI/ B I u etoo th
- **Battery:** Operation time: 10h / Charging time: 5,5h
- **Expendables peripheral:** Elevator, automatic door, notification lights and speakers, call buttons, follow bracelets, rollers, cabinets, shelves
- **Product Safety Compliance:** Machine Directive ISO 12100, ISO 13849, ISO 13850, IEC 60204-1 | Risk Assessment & Design (ISO 12100) | ISO 3691-4
- **EMC:** EMC Directive (EN IEC 62196, IEC 61000-6-2, IEC 61000-6-4)
- **Restriction of hazardous substances:** DIN EN IEC 62321
- **Radio Certification:** Radio Equipment Directive (ETSI EN 489-1, ETSI EN 489-17, ETSI EN 489-52) | ETSI EN 300 238 | ETSI EN 301 908-1, ETSI EN 301 908-13 | EN 1175 | EN IEC 62311 :2020



## uLogLIFT BASE series

# Introduction of URG uLogLift Base Robots Solution

u·Log  
LIFT 150 BASE



u·Log  
LIFT 300 BASE



u·Log  
LIFT 300 XL BASE



u·Log  
LIFT 600 BASE



- Intelligent Lifting Functions
- Can autonomously identify shelves
- Perform lifting operations without human intervention
- Quick integration with MES, ERP, and WMS systems
- Task assignment to robots via these systems
- Supports simultaneous management of multiple robots via RCS

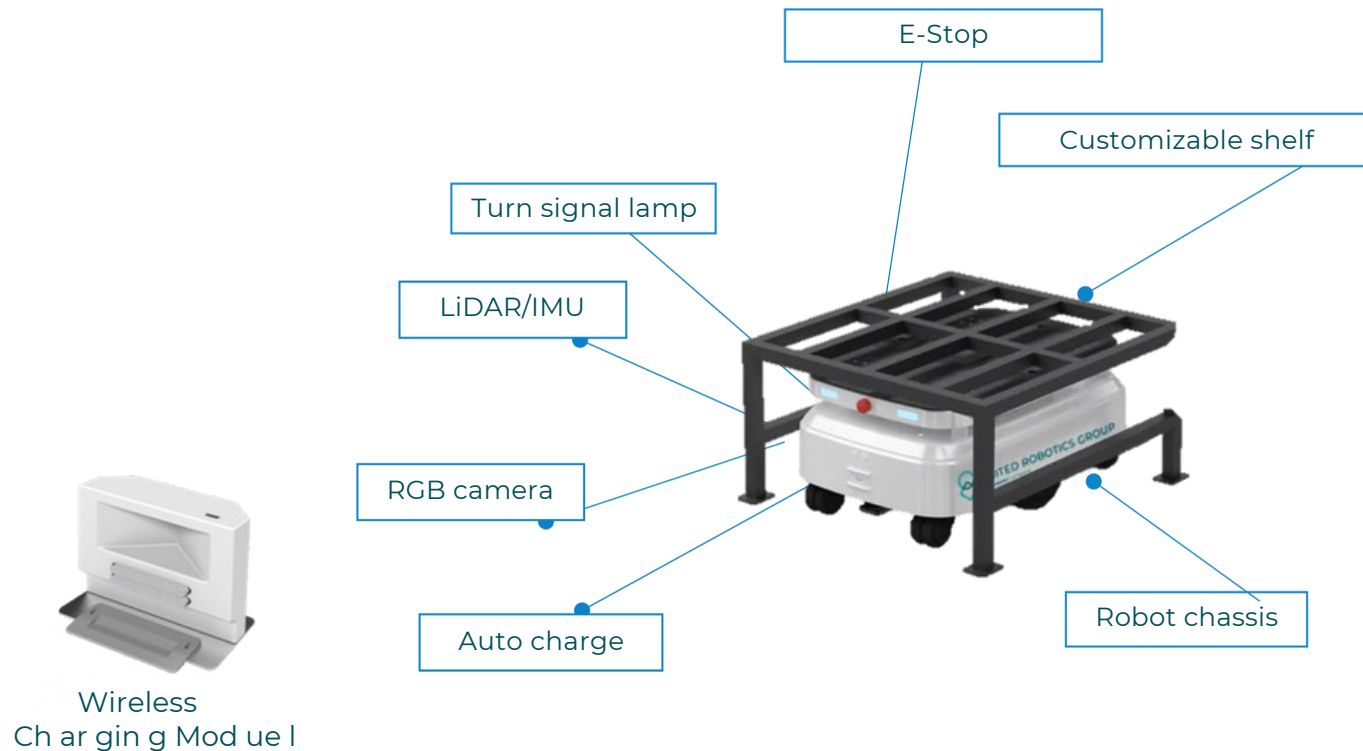


# uLogLift150 Base

## Keyfunctions / Equipment

- Load weight upto 150 kg
- Safety spot & buzzer
- Camera
- Speakers
- LED lights
- Wireless charging

- Intelligent Lifting Functions
- Can autonomously identify shelves
- Perform lifting operations without human intervention
- Quick integration with MES, ERP, and WMS systems
- Task assignment to robots via these systems
- Supports simultaneous management of multiple robots via RCS



## u·Log LIFT 150 BASE

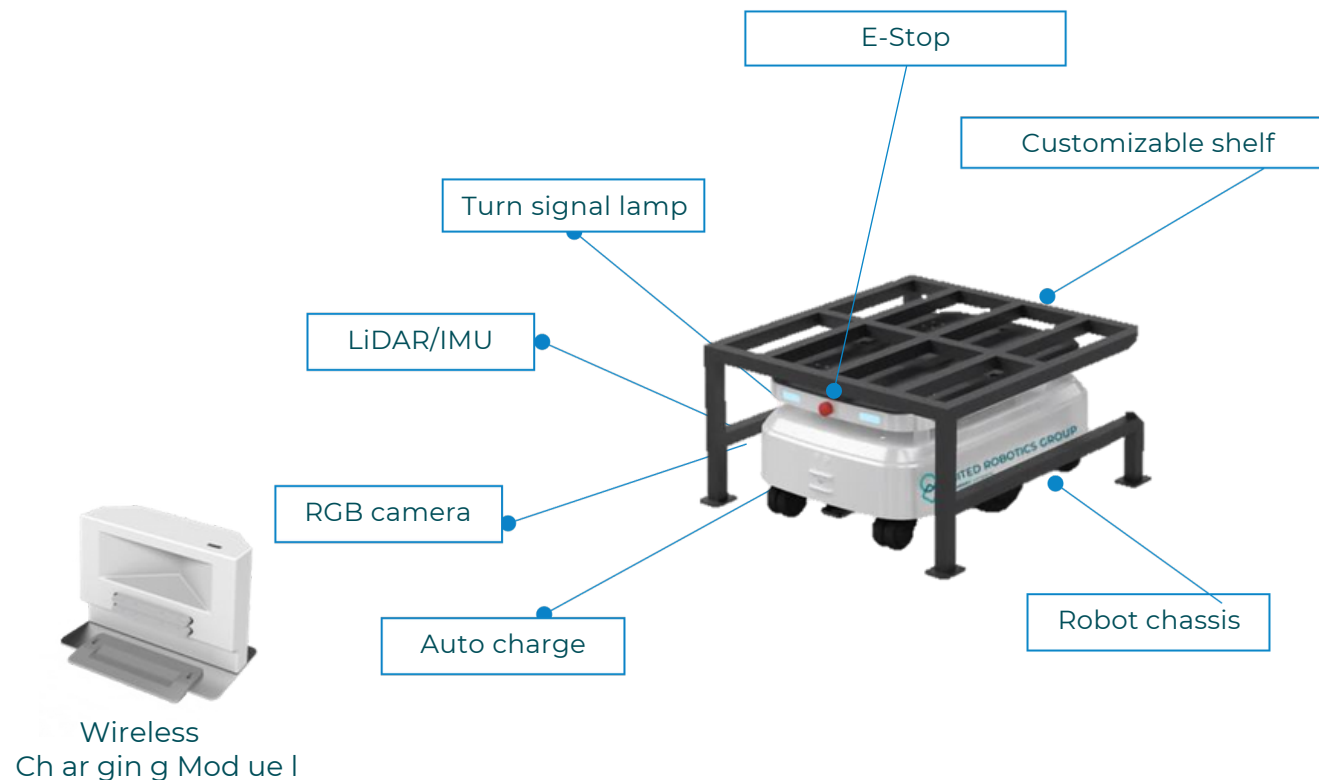
- **Dimensions:** 740x500x310 mm
- **Maximum Load Capacity:** 150kg
- **Empty Vehicle Weight:** 72 kg
- **Minimum passage Width:** 70 cm
- **Working environment:** Indoor and outdoor in qualified parks/industry zones
- **Maximum Speed:** 1,2 m/s
- **Navigation Mode:** Free / Track / Mixed / Follow
- **Positioning Accuracy** :  $\pm 5$  mm /  $\pm 1^\circ$
- **Network Communication:** 4G/5G/Traffic quota / WiFi / Bluetooth
- **Battery Operation time** : 10h / Charging time : 5,5h
- **Expandable peripheral:** Elevator, automatic door, notification lights and speakers, call buttons, follow bracelets, rollers, cabinets, shelves
- **Product Safety Compliance:** Machine Directive ISO 12100, ISO 13849, ISO 13850, IEC 60204-1 | Risk Assessment & Design (ISO 12100) | ISO 3691-4
- **EMC:** EMC Directive (EN IEC 62196, IEC 61000-6-2, IEC 61000-6-4)
- **Restriction of hazardous substances:** DIN EN IEC 62321
- **Radio Certification:** Radio Equipment Directive (ETSI EN 489-1, ETSI EN 489-17, ETSI EN 489-52) | ETSI EN 300 238 | ETSI EN 301 908-1, ETSI EN 301 908-13 | EN 1175 | EN IEC 62311 :2020

# uLog Lift300 Base

## Keyfunctions / Equipment

- Load weight upto 300kg
- Safety spot & buzzer
- Camera
- Speakers
- LED lights
- Wireless charging

- Intelligent Lifting Functions
- Can autonomously identify shelves
- Perform lifting operations without human intervention
- Quick integration with MES, ERP, and WMS systems
- Task assignment to robots via these systems
- Supports simultaneous management of multiple robots via RCS



## u·Log LIFT 300 BASE

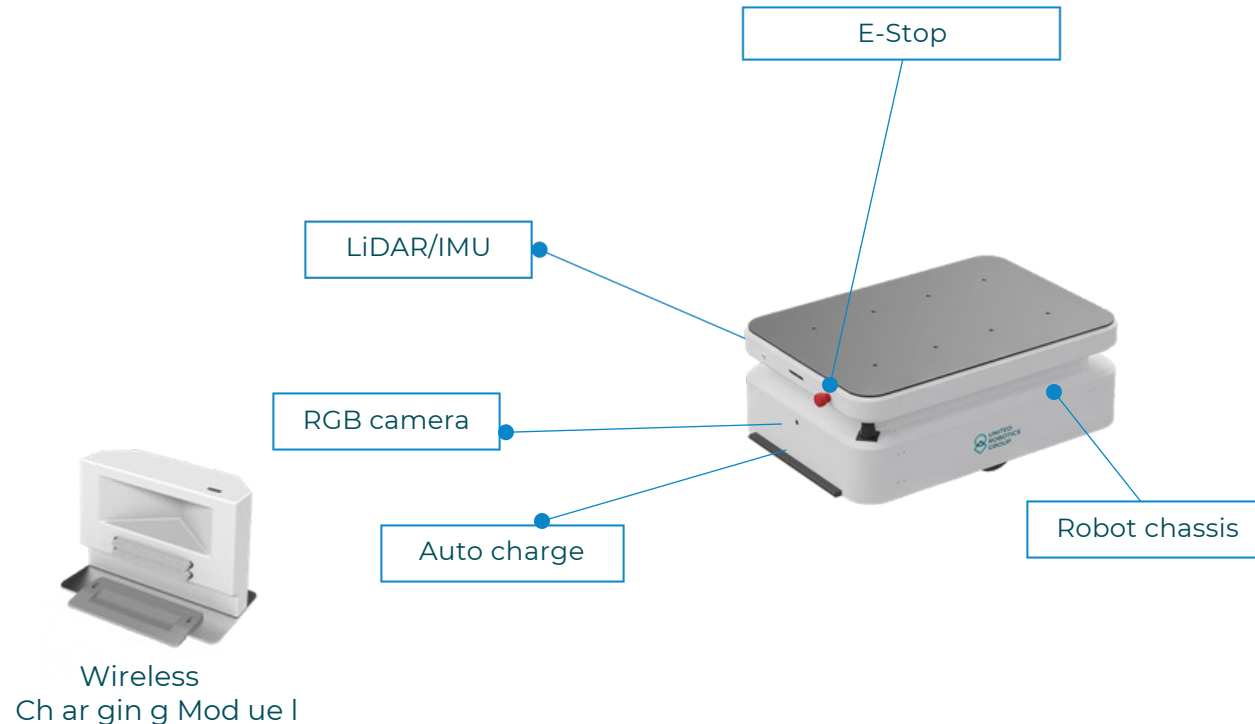
- **Dimensions:** 740x500x310 mm
- **Maximum Load Capacity:** 300kg
- **Empty Vehicle Weight:** 72 kg
- **Minimum passage Width:** 70 cm
- **Working environment:** Indoor and outdoor in qualified parks/industry zones
- **Maximum Speed:** 1,2 m/s
- **Navigation Mode:** Free / Track / Mixed / Follow
- **Positioning Accuracy :**  $\pm 5$  mm /  $\pm 1^\circ$
- **Network Communication:** 4G/5G/Traffic queue / WiFi / Bluetooth
- **Battery Operation time :** 10h / Charging time : 5,5h
- **Expendable peripheral:** Elevator, automatic door, notification lights and speakers, call buttons, follow bracelets, rollers, cabinets, shelves
- **Product Safety Compliance:** Machine Directive ISO 12100, ISO 13849, ISO 13850, IEC 60204-1 | Risk Assessment & Design (ISO 12100) | ISO 3691-4
- **EMC:** EMC Directive (EN IEC 62196, IEC 61000-6-2, IEC 61000-6-4)
- **Restriction of hazardous substances:** DIN EN IEC 62321
- **Radio Certification:** Radio Equipment Directive (ETSI EN 489-1, ETSI EN 489-17, ETSI EN 489-52) | ETSI EN 300 238 | ETSI EN 301 908-1, ETSI EN 301 908-13 | EN 1175 | EN IEC 62311 :2020

# uLogLift300 XLBase

## Keyfunctions / Equipment

- Load weight upto 300kg
- Safety spot & buzzer
- Camera
- Speakers
- LED lights
- Wireless charging

- Intelligent Lifting Functions
- Can autonomously identify shelves
- Perform lifting operations without human intervention
- Quick integration with MES, ERP, and WMS systems
- Task assignment to robots via these systems
- Supports simultaneous management of multiple robots via RCS



## u·Log

### LIFT 300 XL BASE

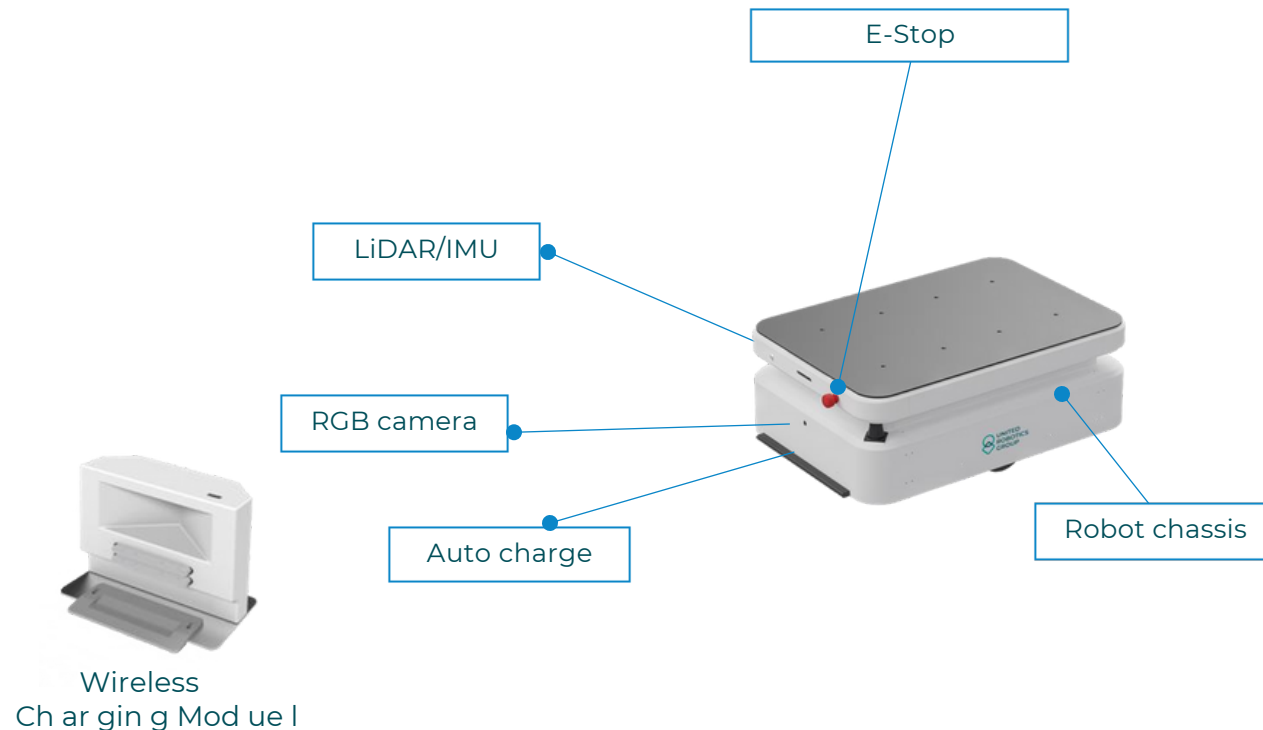
- **Dimensions:** 740x500x310 mm
- **Maximum Load Capacity:** 300kg
- **Empty Vehicle Weight:** 90kg
- **Minimum passage Width:** 75 cm
- **Working environment:** Indoor and outdoor in qualified parks/industry zones
- **Maximum Speed:** 1,2 m/s
- **Navigation Mode:** Free / Track / Mixed / Follow
- **Positioning Accuracy :**  $\pm 5$  mm /  $\pm 1^\circ$
- **Network Communication:** 4G/5G/Traffic quota / WiFi / Bluetooth
- **Battery Operation time :** 10h / Charging time : 5,5h
- **Expendable peripheral:** Elevator, automatic door, notification lights and speakers, call buttons, follow bracelets, rollers, cabinets, shelves
- **Product Safety Compliance:** Machine Directive ISO12100, ISO13849, ISO13850, IEC60204-1 | Risk Assessment & Design (ISO 12100) | ISO 3691-4
- **EMC:** EMC Directive (EN IEC 62196, IEC 61000-6-2, IEC 61000-6-4)
- **Restriction of hazardous substances:** DIN EN IEC 62321
- **Radio Certification:** Radio Equipment Directive (ETSI EN 489-1, ETSI EN 489-17, ETSI EN 489-52) | ETSI EN 300 238 | ETSI EN 301 908-1, ETSI EN 301 908-13 | EN 1175 | EN IEC 62311 :2020

# uLogLift600 Base

## Keyfunctions / Equipment

- Load weight upto 600kg
- Safety spot & buzzer
- Camera
- Speakers
- LED lights
- Wireless charging

- Intelligent Lifting Functions
- Can autonomously identify shelves
- Perform lifting operations without human intervention
- Quick integration with MES, ERP, and WMS systems
- Task assignment to robots via these systems
- Supports simultaneous management of multiple robots via RCS



## u·Log LIFT 600 BASE

- **Dimensions:** 950 x 650 x 365 mm
- **Maximum Load Capacity:** 600kg
- **Empty Vehicle Weight:** 160kg
- **Minimum passage Width:** 80 cm
- **Working environment:** Indoor and outdoor in qualified parks/industry zones
- **Maximum Speed:** 1,2 m/s
- **Navigation Mode:** Free / Track / Mixed / Follow
- **Positioning Accuracy :**  $\pm 5$  mm /  $\pm 1^\circ$
- **Network Communication:** 4G/5G/Traffic queue / WiFi / Bluetooth
- **Battery Operation time :** 10h / Charging time : 5,5h
- **Expendable peripheral:** Elevator, automatic door, notification lights and speakers, call buttons, follow bracelets, rollers, cabinets, shelves
- **Product Safety Compliance:** Machine Directive ISO 12100, ISO 13849, ISO 13850, IEC 60204-1 | Risk Assessment & Design (ISO 12100) | ISO 3691-4
- **EMC:** EMC Directive (EN IEC 62196, IEC 61000-6-2, IEC 61000-6-4)
- **Restriction of hazardous substances:** DIN EN IEC 62321
- **Radio Certification:** Radio Equipment Directive (ETSI EN 489-1, ETSI EN 489-17, ETSI EN 489-52) | ETSI EN 300 238 | ETSI EN 301 908-1, ETSI EN 301 908-13 | EN 1175 | EN IEC 62311 :2020



