

Spilot

A Smart Delivery Companion



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Spilot's unique jacking function, independent lifting, can jack up the shelves to a height of 10cm to achieve independent handling of goods.

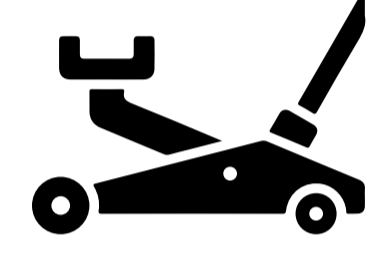


Additional Features



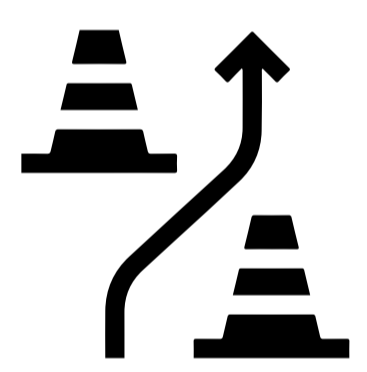
Autonomous Lift

- Effortless handling of heavy products
- Reduces the need for manual labor.
- Enhances safety and operational efficiency.
- Minimizes the risk of workplace injuries.



Jacking Function

- Safe and controlled lifting and lowering of heavy loads.
- Minimizes the risk of product damage during transport.
- Enhances versatility in handling various industrial applications.
- Supports smooth and precise movement of goods.



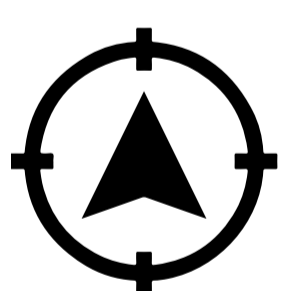
Autonomous obstacle avoidance

- Real-time detection and navigation around obstacles.
- Ensures smooth operation in dynamic environments.
- Reduces downtime and operational disruptions.
- Enhances safety for surrounding personnel.



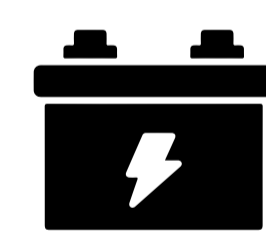
Remote One-Button Call

- Easy summoning with a single button press.
- Reduces wait times and improves workflow efficiency.
- Ensures quick and timely response to delivery needs.
- Increases overall productivity in the factory.



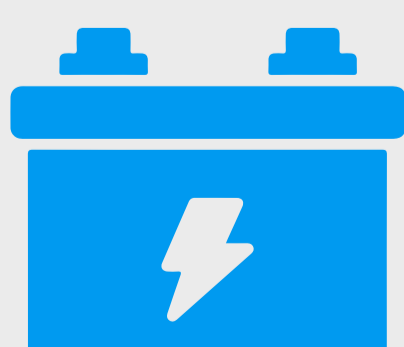
Laser Navigation

- Accurate and precise navigation through the factory.
- Maps surroundings with millimeter-level precision.
- Follows designated paths for reliable delivery.
- Improves efficiency and reduces errors in product transportation.

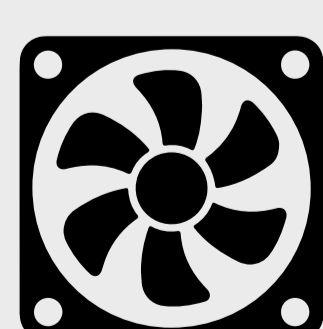


Low Battery Automatic Recharging

- Eliminates the need for manual intervention during recharging.
- Ensures continuous operation with minimal downtime.
- Enhances efficiency and productivity in long shifts.
- Automatically returns to the charging station when the battery is low.



Heat-resistant



non-combustible



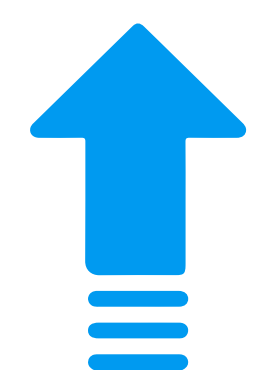
non-explosive



.01

Extra large load capacity

Sheet metal structure support, strong stability, large load capacity, wider range of applications

 **600KG**

- Robust sheet metal structure for enhanced stability.
- Capable of handling significantly larger loads.
- Expands the range of applications across various industries.
- Designed for demanding environments requiring heavy-duty performance.



.02

Jacking height

Spilot's unique jacking function, independent lifting, can jack up the shelves to a height of 10cm to achieve independent handling of goods.

 **10 CM**



- Spilot's unique jacking function provides independent lifting capabilities.
- Can elevate shelves to a height of 10cm for precise handling.
- Facilitates smooth and autonomous movement of goods.
- Ideal for operations requiring careful and controlled transport.

.03

Autonomous call lift

Industry-exclusive ladder control system, calling lifts independently for cross-floor delivery tasks

- Industry-exclusive ladder control system for enhanced functionality.
- Independently calls lifts for seamless cross-floor delivery tasks.
- Streamlines multi-level operations with automated coordination.
- Optional feature—contact our staff for customization details.



.04

Obstacle Avoidance

3D camera + LIDAR, three-dimensional intelligent obstacle avoidance, real-time perception of the surrounding dynamic environment

- Spilot's unique jacking function provides independent lifting capabilities.
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- Facilitates smooth and autonomous movement of goods.
- Ideal for operations requiring careful and controlled transport.

.05

Safer LiFePO4 Battery

Low battery automatic recharging, no need for manual operation

- 38.4V/25Ah battery capacity with high-temperature resistance.
- Non-explosive and non-combustible for maximum safety.
- Long service life with over 2,000 discharge cycles.
- Provides reliable and secure power for extended use.



Remote one-button call use it when you want

With four optional call methods, you can call the robot to the target location anytime, anywhere.



01

Smart watch
Unlimited distance



**One Touch Call
Button**

02



03

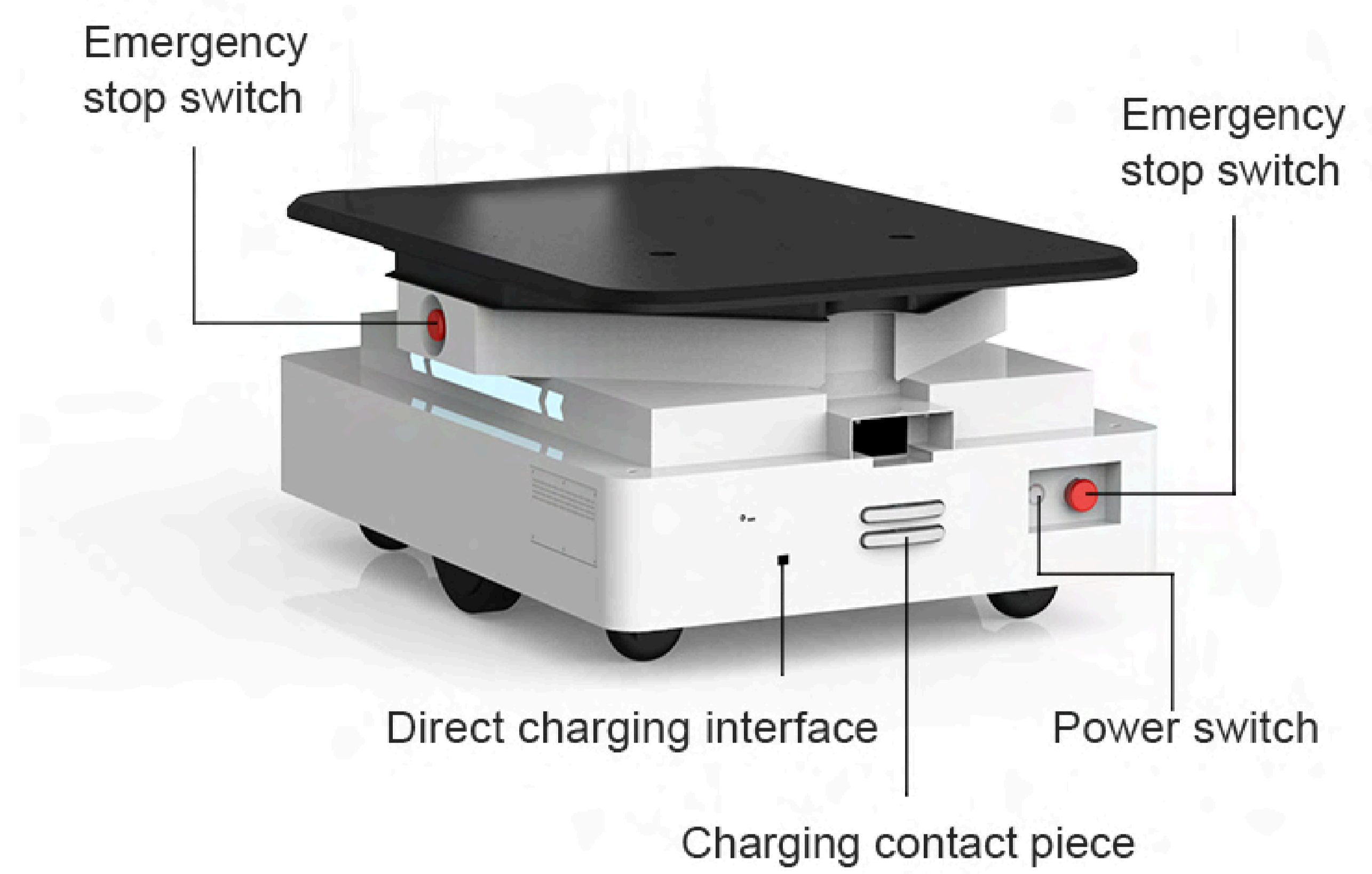
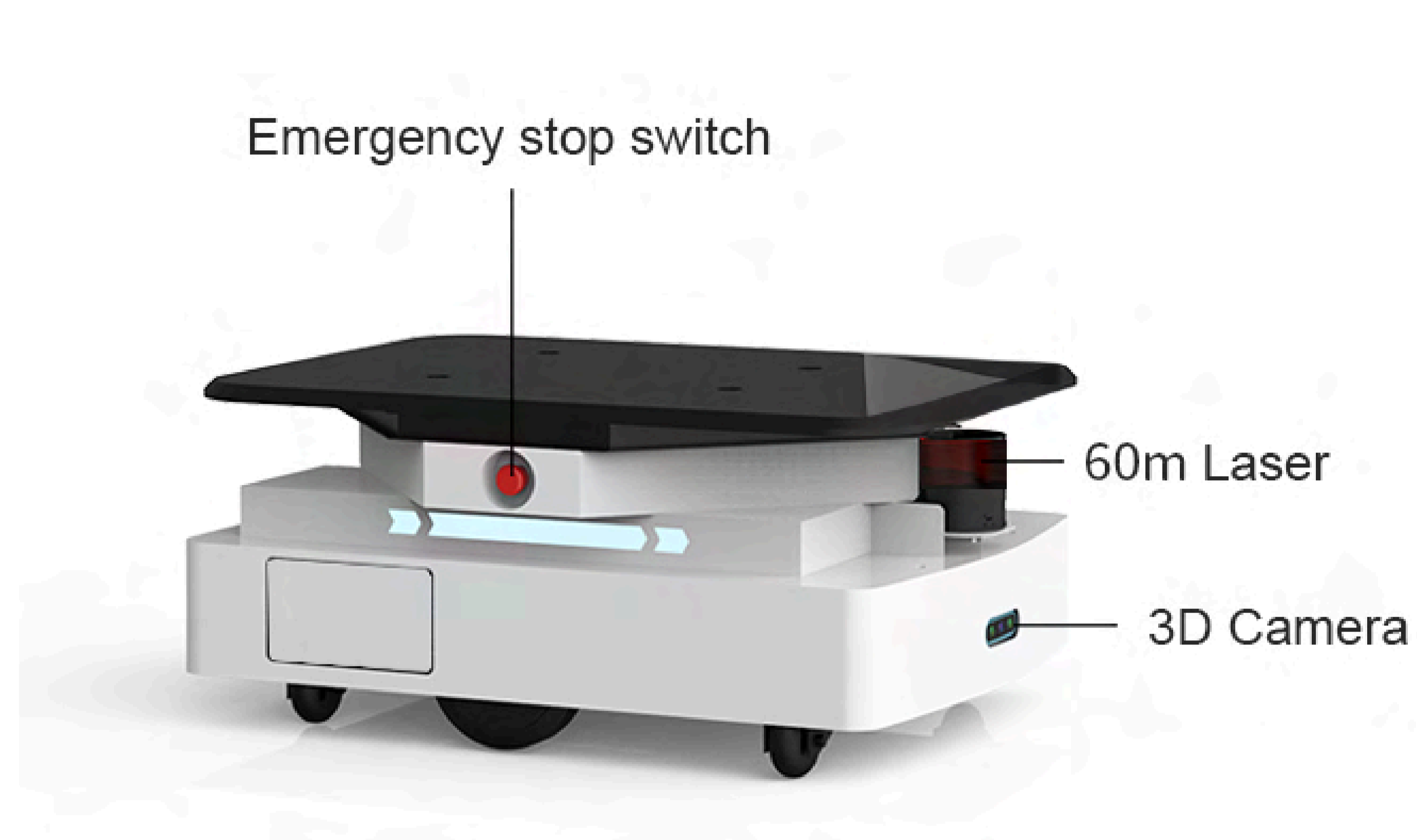
WIFI Control
Unlimited distance



Mobile App
Unlimited distance

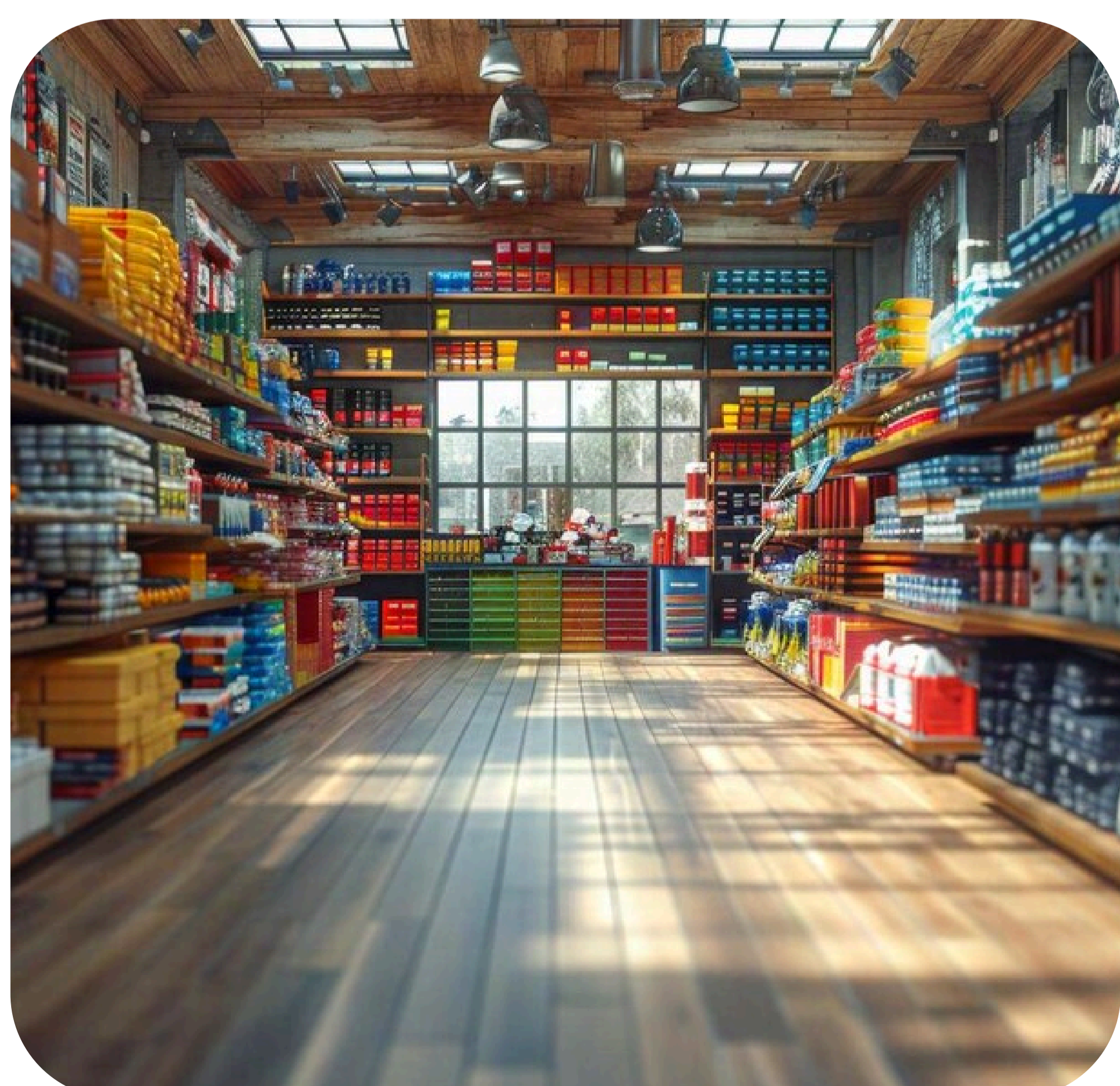
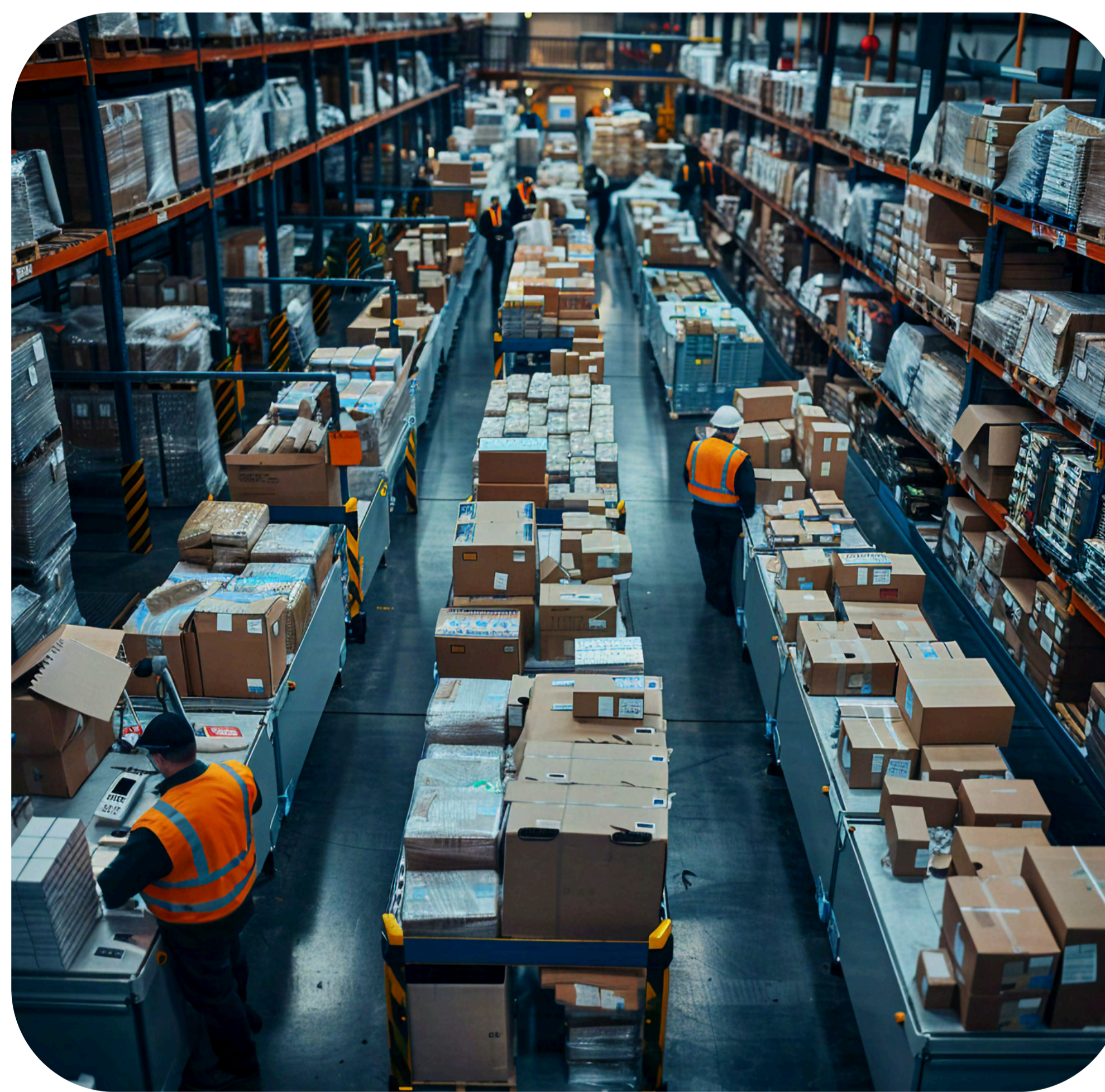
04

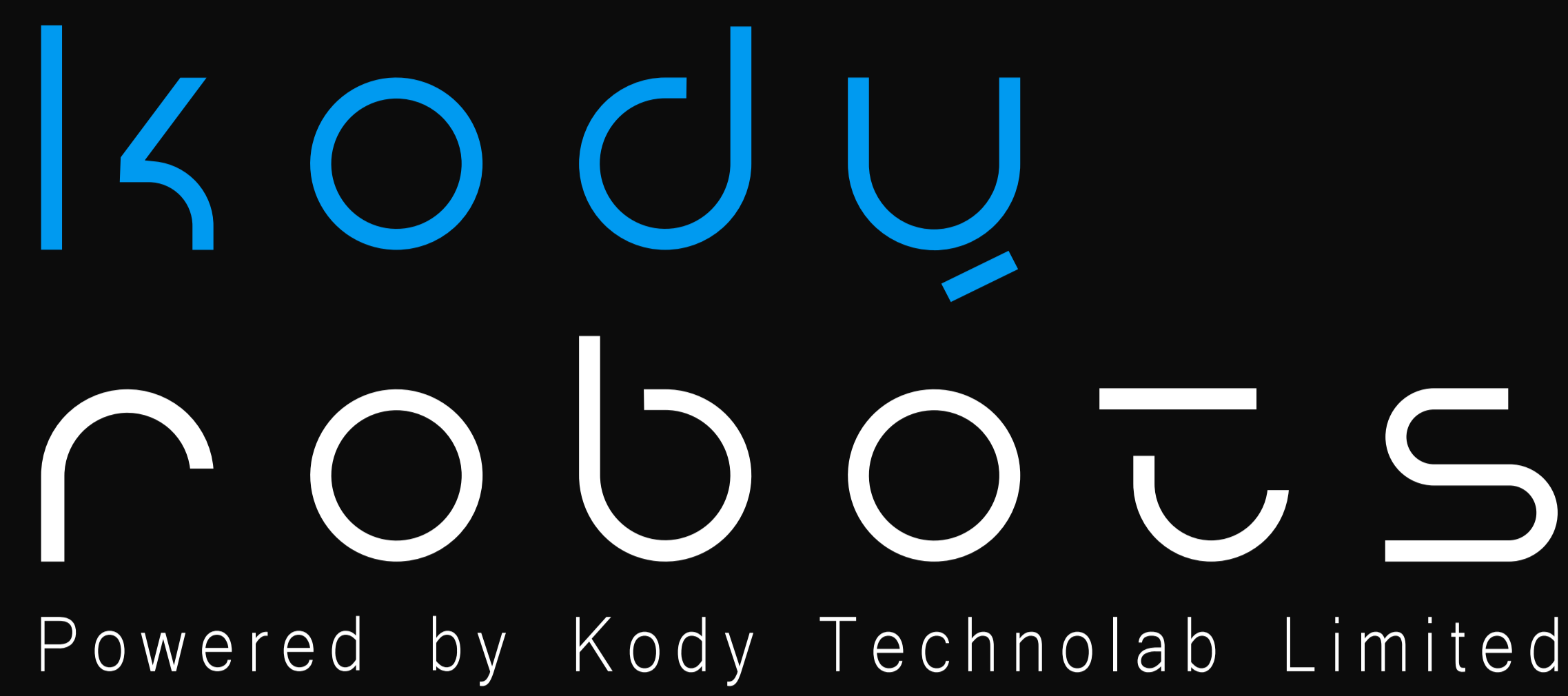
Exterior Dimensions



Wide range of application

The product are widely used in factory workshop, libraries, hazardous places, logistics and warehousing, and special industries





Product Parameter

Particular

Details

| | |
|-----------------------------|---|
| Model number | ABOT11T |
| Battery capacity | 38.4V/25Ah LiFePO4 |
| Maximum load capacity | 600KG |
| Endurance | 8h fully loaded, 25h unloaded |
| Product size | 800x640x1120mm |
| Weight of the whole machine | About 70KG |
| Charging time | About 6h |
| Travel Speed | 0.1-1m/s |
| Navigation accuracy | ±10cm |
| Product material | Sheet metal |
| Gyroscope | Single-axis gyroscope |
| Motor drive | 5.5" hub motor |
| Charging Method | Automatic re-charge, direct charge |
| Adapters | Input: AC110-240V 50-60HZ Input: AC110-240V 50-60HZ |
| Charging Pile Parameters | Overcurrent protection, intelligent power failure, output rated voltage: 43.2V DC Output rated current: 5A |

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