

A-5001

Quick Start Guide

Fully Electric Order Picker

Operator: 130 kg (286 lbs)

Cargo Platform: 150 kg (330 lbs)
(Rear Main Platform)

Cargo Tray: 90 kg (198 lbs)
(Front Rack)

Maximum Platform Height: 118"



Scan the QR Code for more information.

Thank you for choosing our fully electric order picker.

For safe and correct use, please read this manual carefully and follow all instructions, precautions, and prohibitions. Keep this manual for future reference. Product specifications may change without notice. If there is any difference between this manual and the actual product, the product shall take precedence.

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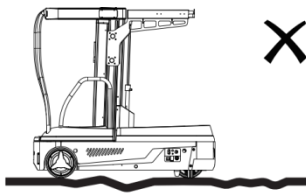
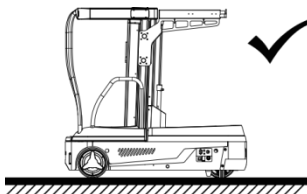
INTRODUCTION

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1. WARNING

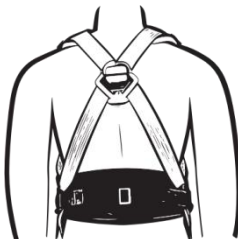
● Operating Environment and Operational Guidelines

1. Ground Requirements: Operate this product only on hard, level, and flat indoor surfaces. Potholes or steep slopes pose safety hazards.
2. Ambient Temperature: Do not operate if the ambient temperature is above 104°F (40°C) or below -13°F (-25°C).
3. Environmental Limits: Do not operate in flammable, explosive, or corrosive (acid/alkaline) environments.
4. Charging Environment: Charge the lead-acid battery in a well-ventilated area. Strictly prohibit open flames.
5. Do not exceed the rated load capacity.



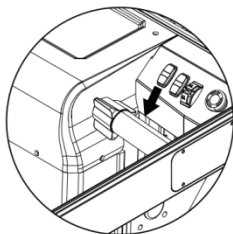
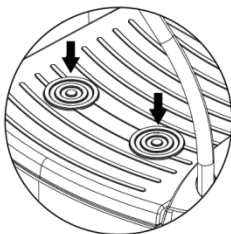
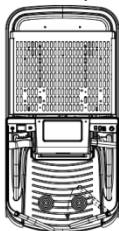
● Core Safety: Aerial Operation Guidelines

1. Wearing a safety harness is recommended.



2. Three-Point Interlock Mechanism This vehicle is equipped with a rigorous safety sensing system. The vehicle can only be started for driving or lifting operations when the following three conditions are met simultaneously:

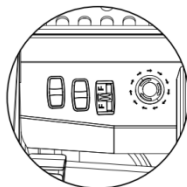
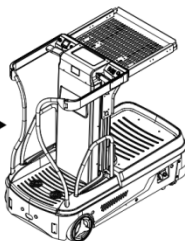
- **Safety Gate Closed:** The right guardrail gate must be fully closed and secured in place.
- **Foot Switch Depressed:** Both feet must be positioned on the foot switches at the base of the platform.
- **Handle Sensing Grip:** The sensing area of the right-hand control handle must be held.
- **Climbing Strictly Prohibited:** It is strictly forbidden to use ladders or spacer blocks on the platform for secondary elevation.



● How to Operate

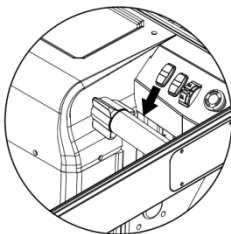
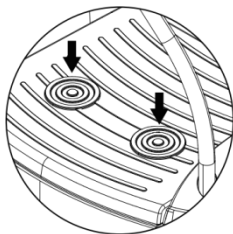
Step 1: Starting the Product

- Open the right safety gate to enter the platform, fasten the safety harness, and close the safety gate securely.
- Pull the emergency stop switch, insert the key and turn it to power on.
- Check the dashboard to ensure sufficient battery level and no fault codes displayed.



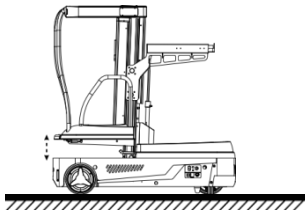
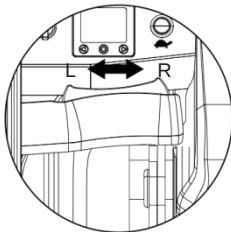
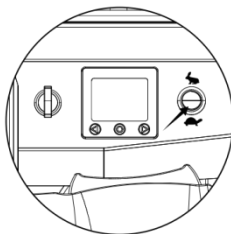
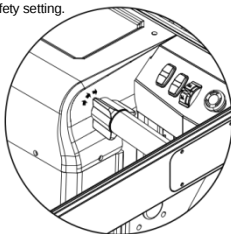
Step 2: Activating the Interlock (Ready Position)

- Step on the deadman pedals on the floor with both feet.
- Grip the control handle tightly with your hand (ensure your palm contacts the sensor area).
- Note: The product is now unlocked and ready for operation.



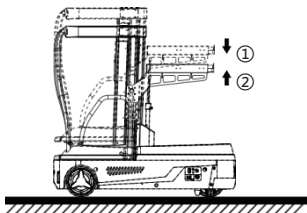
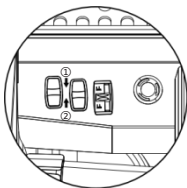
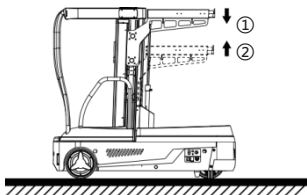
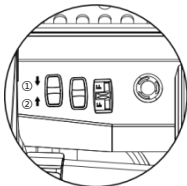
Step 3: Traveling and Steering

- Traveling: Gently push the right accelerator thumbwheel. Use slow speed for initial operation.
- Steering: Toggle the left steering switch to adjust the direction.
- High-Level Speed Limit:
When the platform lifting height exceeds 500mm, the travel speed will automatically halve;
When it exceeds 1000mm, the speed will be limited to a 0.7km/h creep state. This is a normal safety setting.



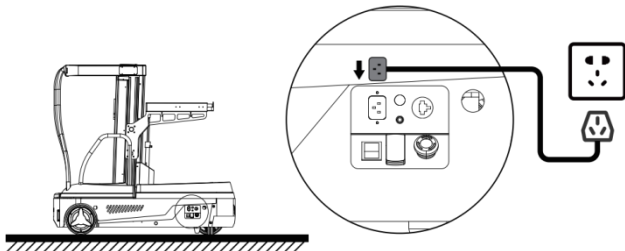
Step 4: Lifting and Lowering

- Press and hold the "Lift" or "Lower" button. Release the button to stop.
- Note: Do not lift while moving. Before lifting, ensure the safety gate is closed and there are no obstacles around.

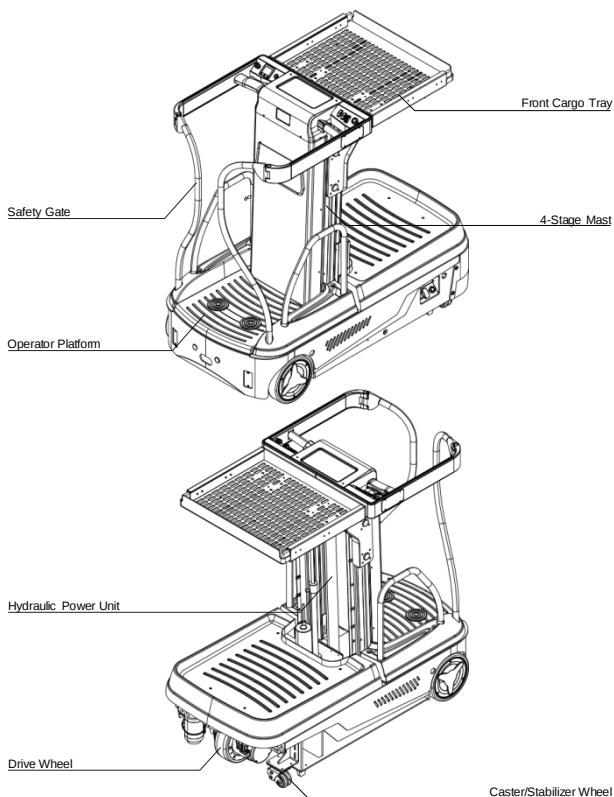


Charging Guidelines

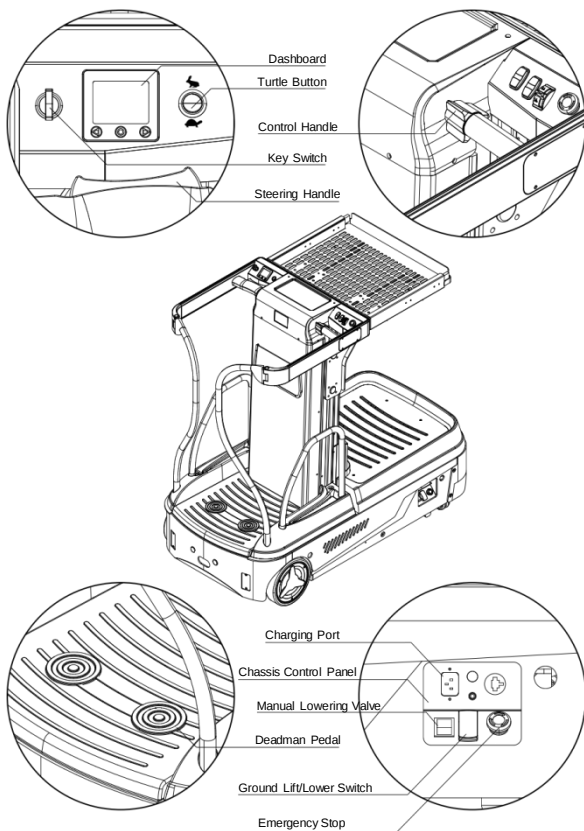
- Strictly follow these maintenance guidelines to prolong battery life: Charge immediately when the battery indicator shows below 20% or triggers an alarm; Always charge the battery after each use; Charge at least once a month; Do not store with a depleted battery.



2. Parts Introduction

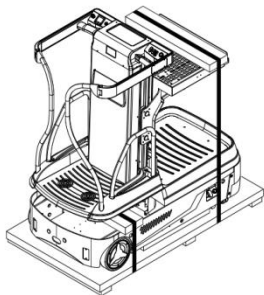


- Operator Control Station

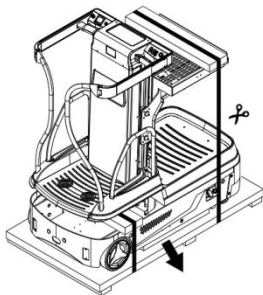


3. Installation Instruction

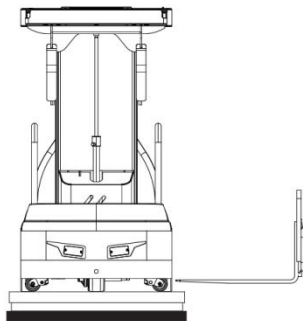
- The product is mostly shipped fully assembled. Only simple unloading and processing are required upon receipt.



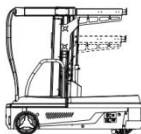
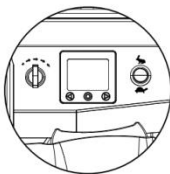
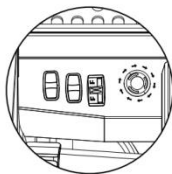
- ① Remove the outer packaging film and carton.



- ② Cut the securing steel straps connecting the chassis and the wooden pallet, and remove the wooden blocks at the bottom.



- ③ It is recommended to use a forklift to lift the fork holes under the chassis and move the product smoothly to the ground. Alternatively, build a gentle ramp and have a professional drive it down.



- ④ Turn on the power and test the lifting and moving functions

4. Inspection & Maintenance

Conducting a thorough inspection of the product can help prevent malfunctions and ensure it achieves its expected service life. Maintenance hours are based on 8 hours of operation per day, 200 hours per month. For safe operation, the product should be inspected and maintained according to the maintenance schedule.

● 200-Hour Inspection and Maintenance

No.	Component	Inspection or Service
1	Overall Condition	Check for abnormalities.
2	Lift Cylinder	Check for oil leakage and smooth lifting.
3	Lifting Chain	Check pins and chains for deformation or breakage; apply lubricant.
4	Wheel & Bearing	Inspect wheels for debris entanglement, excessive wear, or unusual noise.
5	Fastener	Check if all connecting bolts and pins are secure.
6	Mast Bearing	Check for excessive resistance or noise during lifting, and for debris inside the mast.
7	Brake	Check if the braking distance is normal and the electromagnetic brake engages with a crisp sound.
8	4-Stage Mast	Focus on checking the internal chain status, position, and bearings for abnormalities.

● Maintenance Intervals for Consumables and Components

Component	Inspection or Service	Interval (hours)
Bearing	Inspect and Replace	1,800
Seal	Replace	1,200
Hydraulic Oil	Replace	1,800
Chain / Mast Bearing	Inspect and lubricate	1,200
Wheel	Replace when tread is severely damaged	As needed based on wear