

A-3032

Quick Start Guide

FULL ELECTRIC COUNTERBALANCE STACKER

Rated Load Capacity: 3,300 lbs

Lifting Height: 177 in



Scan the QR Code for more information.

Thank you for choosing our full electric counterbalance stacker.

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.

TABLE OF CONTENTS

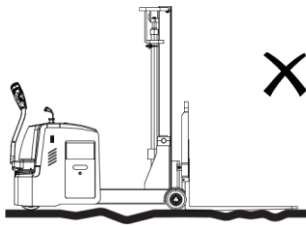
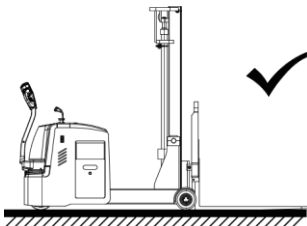
INTRODUCTION

1. Warning
2. Parts Introduction
3. Installation Instruction
4. Inspection & Maintenance

1. WARNING

● Operating Environment

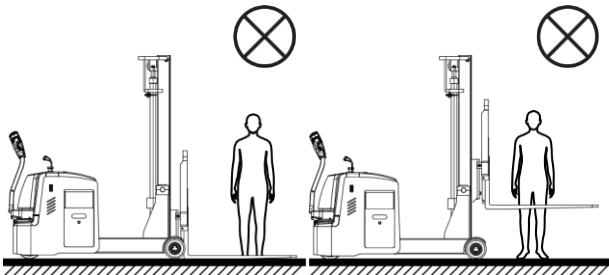
1. Operate this product only on hard, level surfaces.
2. Do not operate if the ambient temperature is above 104°F (40°C) or below -13°F (-25°C).
3. Do not operate in explosion-risk environments.
4. Do not operate in flammable, explosive, or corrosive environments.
5. Do not operate inside cold storage areas.
6. Do not operate in rainy conditions.



● Operational Guidelines

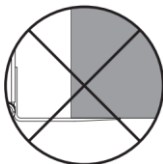
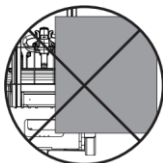
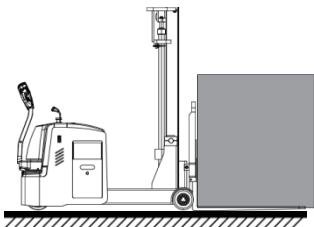
1. Personnel Safety

- Do not carry passengers.
- Keep all body parts, especially hands and feet, clear of the forks and moving parts.

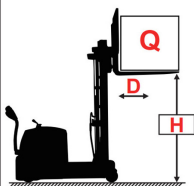


2. Load Limits

- Do not exceed the rated load capacity.
- Place loads securely in the center of the forks.
- Do not transport loose or unstable items.



LOAD INSTRUCTION

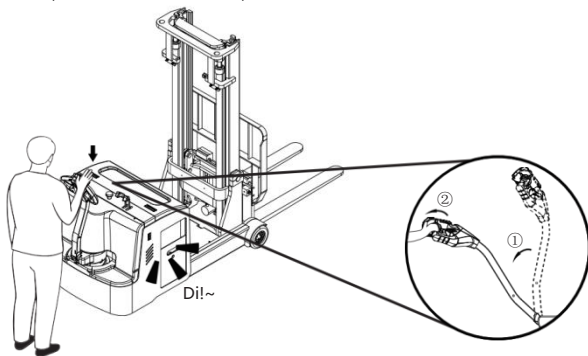


H(in)	D(in) / Q(lbs)		
	20	24	31.5
63	3300	2750	2200
79	3300	2750	2200
98	3300	2750	2200
118	3300	2750	2200
138	2750	2300	1750
157	2300	1950	1500
177	1850	1650	1200
197	1650	1400	1200
220	1400	1200	950

● Traveling and Lifting Guidelines

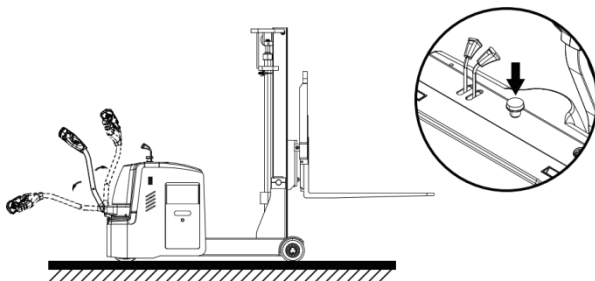
1. Starting and Traveling

- Wear safety shoes and ensure familiarity with all controls before starting the product.
- Pull the emergency stop switch and turn the key to the right.
- Sound the horn to alert nearby personnel before starting.
- Press handle down, Slowly rotate the forward/reverse rocker on the control handle to control the product's forward or backward speed and direction.



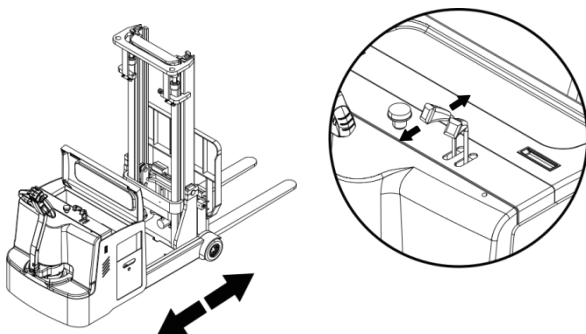
2. Braking

- Release the forward/reverse rocker. The product will automatically apply regenerative braking.
- Move the control handle to the vertical or horizontal position.
- The product will automatically engage electromagnetic braking.



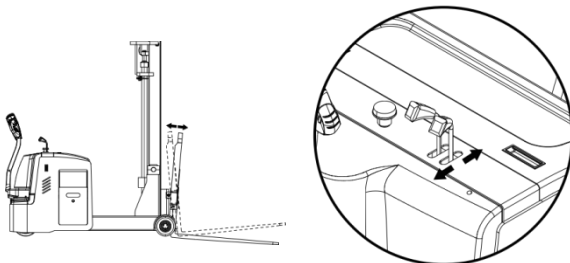
3. Lifting and Lowering

- Move the raise/lower lever backward to lift the forks.
- Move the raise/lower lever forward to lower the forks.



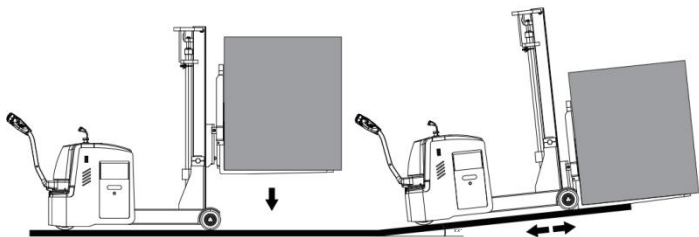
4. Tilting

- Press the tilt forward button on the control handle to tilt the forks forward for easier entry into the pallet.
- Press the tilt backward button on the control handle to tilt the forks backward to stabilize the pallet.



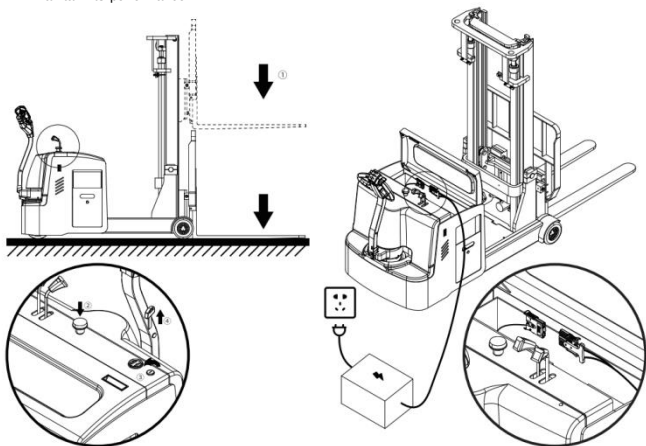
5. Ramp Operation

- When ascending with a load, keep the forks facing uphill.
- When descending, operate the product in reverse, keep the forks facing uphill, and control speed carefully.

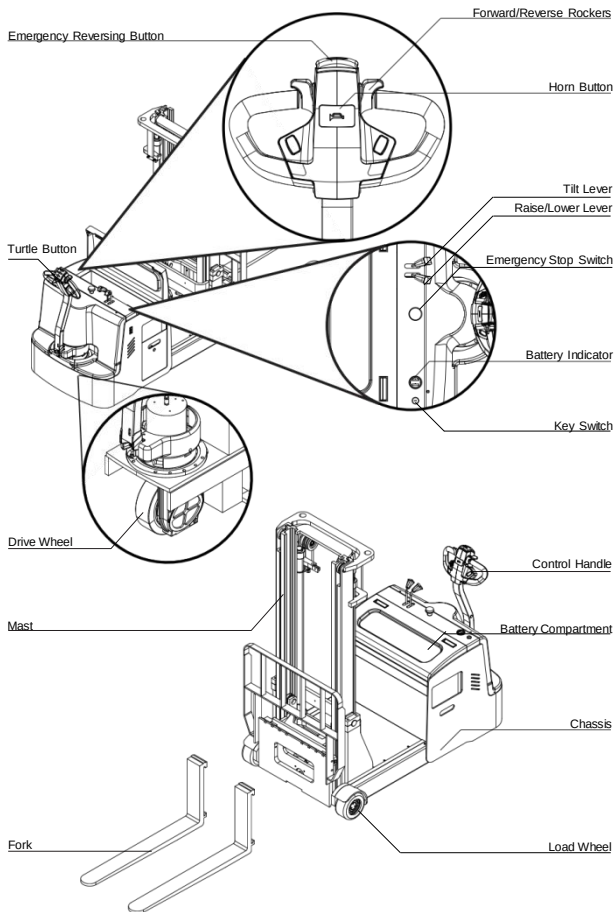


6. Charging

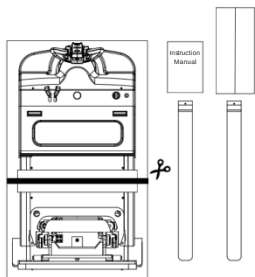
- Lower the forks and turn off the power.
- Charge the product in a well-ventilated area using the designated charger.
- If the product is unused for more than one month, charge the battery monthly to maintain its performance.



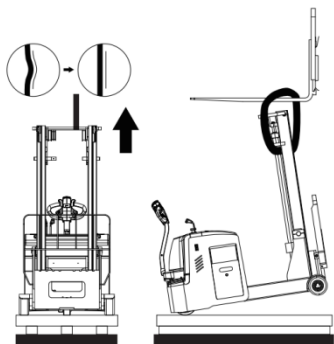
2. Parts Introduction



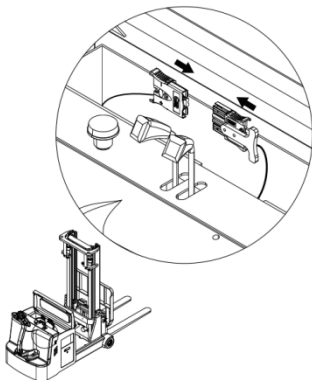
3. Installation Instruction



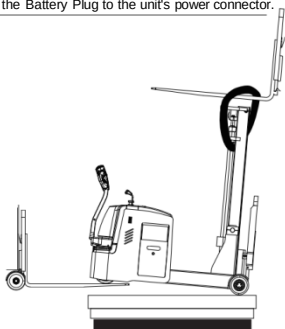
- ① Remove the outer packaging and cut the shipping straps. Verify that the User Manual and Charger are included.



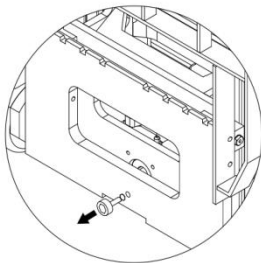
- ③ Crossbeam. Lift the unit with a hoist, remove the pallet, and lower the unit safely to the ground.



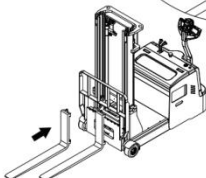
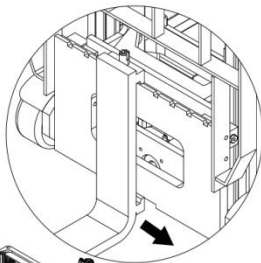
- ② Remove the loose forks from the pallet. Open the battery compartment and connect the Battery Plug to the unit's power connector.



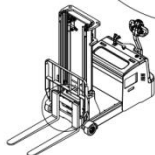
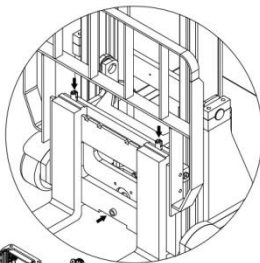
- ④ Lift the rear of the stacker with a forklift, remove the wooden blocks underneath, and carefully drive the unit off the pallet.



- ⑤ Remove the Stop Screw from the center of the carriage.

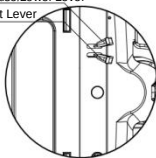


- ⑥ Mount both forks and adjust them to the desired width.

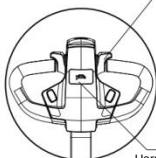


- ⑦ Pull out the Emergency Stop and turn on the Key. Lower the handle to the drive position.

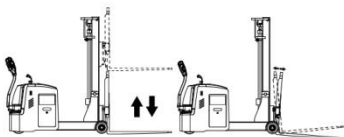
Raise/Lower Lever
Tilt Lever



Forward/Reverse Rockers



Horn Button



- ⑧ Power on and test all functions: Forward/Reverse, Lift/Lower, Tilt Forward/Backward, Turtle Speed, and Horn.

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 in moving, fork lifting/lowering, and forward/backward tilting.
2	Oil Pipe & Cylinder	Check for leakage.
3	Drive Wheel	Inspect for wear and debris entanglement; replace if functionality is impaired.
4	Load Wheel & Bearing	Inspect for wear and debris entanglement; replace if functionality is impaired.
5	Frame & Fastener	Inspect for cracks; check if all fasteners are secure.
6	Control Handle	Ensure all buttons function correctly and verify the brake operates effectively within the operational range.
7	Key Switch & Emergency Stop Switch	Ensure proper operation.
8	Raise/Lower Lever & Tilt Lever	Ensure proper operation.

● Maintenance Intervals for Consumables and Components

Component	Inspection or Service	Interval (hours)
Load Wheel & Bearing	Replace	1,200
Drive Wheel	Replace	1,200
Seal	Replace	1,200
Gearbox	Change lubricant	1,000
Hydraulic Oil	Replace	1,000
High-Pressure Oil Pipe	Replace	2,000
Hydraulic Tank Filter	Clean	1,000
Drive Motor	Check functionality	1,000
Oil Pump Motor	Inspect brushes and bearings	1,000
Brake	Inspect brake pad wear	1,000
Fastener	Check all bolts and nuts for looseness	1,200