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HELI CBD15B-LiH

HELI Electric Pallet Jack CBD15B-LiH User Manual

Model: CBD15B-LiH | Capacity: 3300 lbs

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your HELI Electric Pallet Jack, model CBD15B-LiH. Please read this manual thoroughly before operating the equipment to ensure proper usage and to prevent injury or damage.



Figure 1: HELI Electric Pallet Jack CBD15B-LiH. This image shows the overall design of the electric pallet jack, featuring its red and black body, control handle, and forks.

2. SAFETY INFORMATION

Always prioritize safety when operating the electric pallet jack. Failure to follow safety instructions can result in serious injury or death.

- Read and understand all warnings and instructions before use.
- Ensure the operating area is clear of obstructions and personnel.
- Never exceed the rated load capacity of 3300 lbs (1500 kg).
- Wear appropriate personal protective equipment (PPE), including safety shoes and gloves.
- Do not operate the pallet jack on inclines exceeding specified limits.
- Always use the emergency stop switch in hazardous situations.

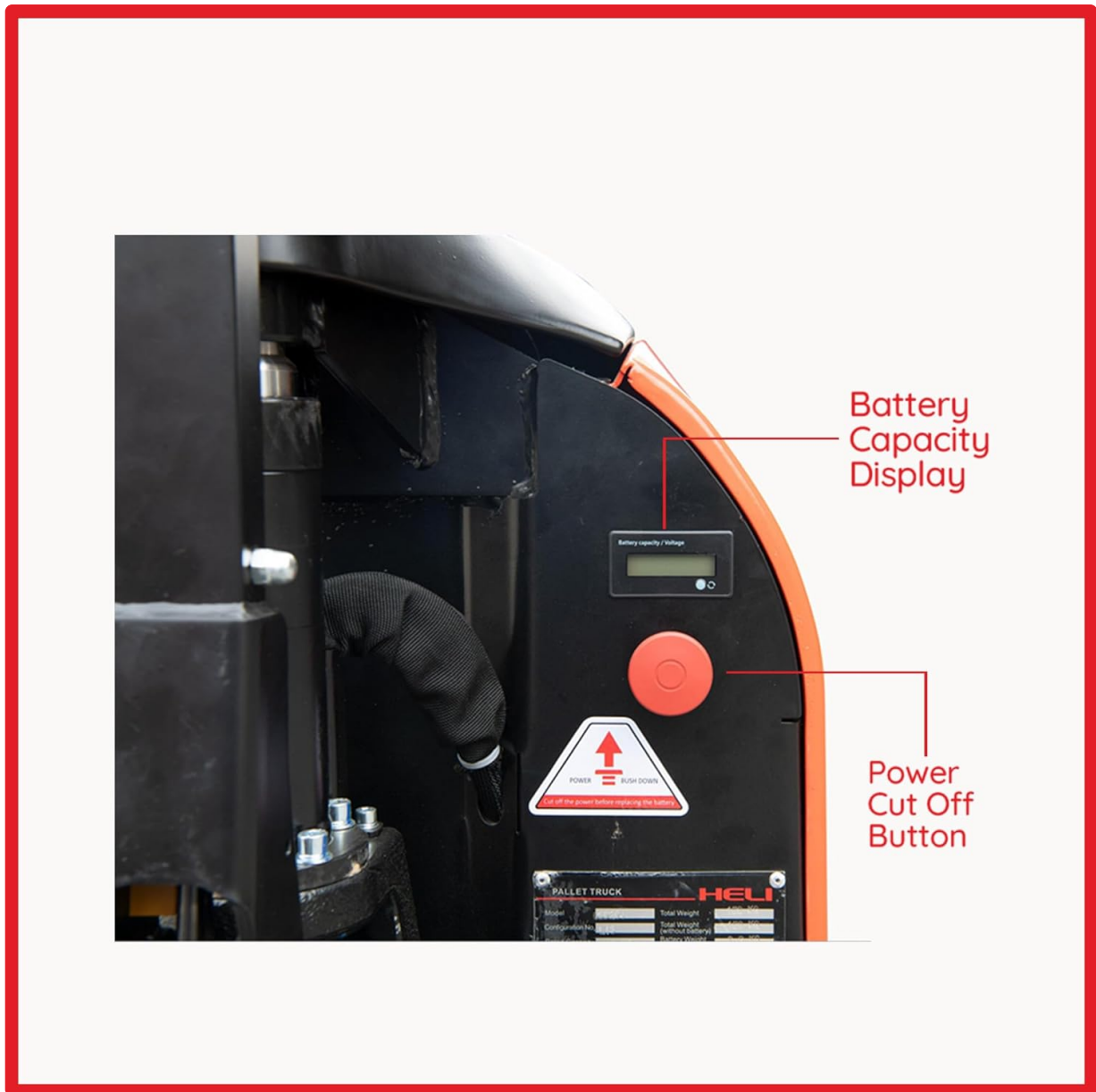


Figure 2: Close-up of the control panel. This image highlights the battery capacity display and the prominent red power cut-off button, essential for emergency stops.

3. COMPONENTS OVERVIEW

Familiarize yourself with the main components of your electric pallet jack:

- **Control Handle:** Used for steering, speed control, lifting, and lowering.
- **Emergency Power-off Switch:** Immediately cuts power to the unit.
- **Forks:** Used to engage and lift pallets.
- **Drive Wheel:** Provides propulsion and steering.
- **Load Wheels:** Support the load on the forks.
- **Lithium Battery:** Provides power for electric operation.



Figure 3: Diagram illustrating key components of the electric pallet jack. This image shows various parts such as the built-in charger (optional), smart handle (optional), normal handle, emergency power-off switch, concave design, integral forks, PU wheel, and protection cover.

4. SETUP

4.1 Unpacking

1. Carefully remove the pallet jack from its packaging.
2. Inspect for any shipping damage. Report any damage to your supplier immediately.
3. Ensure all components listed in the packing list are present.

4.2 Battery Installation and Charging

The HELI CBD15B-LiH uses a lithium battery. Ensure the battery is fully charged before initial use.

1. Locate the battery compartment, typically under the main housing.
2. Connect the battery securely.
3. Plug the charger into a suitable power outlet and connect it to the pallet jack's charging port.
4. Monitor the charging indicator. Disconnect once fully charged.



Figure 4: View of the lithium battery compartment. This image shows the top cover opened, revealing the removable lithium battery pack, emphasizing its portability and ease of access.

5. OPERATING INSTRUCTIONS

5.1 Starting and Stopping

1. Turn the key switch to the 'ON' position.
2. Check the battery indicator for sufficient charge.
3. To stop, release the control handle or press the emergency stop button.

5.2 Driving and Maneuvering

The pallet jack features upright tiller driving for excellent maneuverability and a small turning radius for flexible working in narrow spaces.

- Use the throttle on the control handle to move forward or backward.
- Steer by moving the control handle left or right.
- The pallet jack is equipped with a backwards anti-collision switch for safety.



Figure 5: Dynamic view of the pallet jack's handle movement. This image illustrates the range of motion of the control handle, indicating its flexibility for steering and maneuvering in various directions.

5.3 Lifting and Lowering Forks

- To lift, press the 'Lift' button on the control handle.
- To lower, press the 'Lower' button.
- Ensure forks are fully lowered when not in use or when parking. The fork lowered height is 75mm.

5.4 Smart Handle (Optional)

Some models may feature a Smart Handle with additional functionalities:

- Combination lock for restricted access.
- Fault code display for diagnostics.
- Hour meter to track usage.
- CAN communication for advanced system integration.

5.5 Operational Video Guide

Your browser does not support the video tag.

Video 1: CBD15J - Li3 series Electric Pallet Jack Overview. This video demonstrates various features of the electric pallet jack, including its lithium battery power, emergency stop switch, counterbalanced wheels, all-metal body, portable battery bag, upright tiller driving, small turning radius, automatic power off break function, backwards anti-collision switch, internal and external charging options, and smart handle features. It also highlights different fork outer distance options.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your pallet jack.

- **Daily Checks:** Inspect for visible damage, check battery charge, and ensure all controls function correctly.
- **Weekly Checks:** Clean the unit, check wheel condition, and inspect hydraulic fluid levels if applicable.
- **Battery Care:** Follow manufacturer guidelines for lithium battery charging and storage. Avoid deep discharges.
- **Lubrication:** Lubricate moving parts as recommended in the detailed service manual (not included here).

7. TROUBLESHOOTING

This section addresses common issues. For complex problems, contact qualified service personnel.

Problem	Possible Cause	Solution
Pallet jack does not start	Battery discharged, emergency stop engaged, key switch off	Charge battery, release emergency stop, turn key switch on
Forks do not lift	Overload, low hydraulic fluid, mechanical obstruction	Reduce load, check fluid, clear obstruction
Unusual noise during operation	Loose components, worn wheels, motor issue	Inspect and tighten, replace worn parts, contact service

8. SPECIFICATIONS

Key technical specifications for the HELI Electric Pallet Jack CBD15B-LiH:

Feature	Specification
Load Capacity	3300 - 4400 lbs
Load Center	24 inches
Operating Type	Walkie
Wheels Type	PU wheels
Max. Lifting Height	7.9 inches
Fork Length	45 inches
Min. Turning Radius	53 inches
Travel Speed (with/without load)	2.6 / 2.8 mph

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Figure 6: Visual representation of the pallet jack's specifications. This image displays a table of key specifications including load capacity, load center, operating type, wheel type, max lifting height, fork length, minimum turning radius, and travel speed.

9. WARRANTY AND SUPPORT

For warranty information, technical support, or to order replacement parts, please contact your authorized HELI dealer or the seller, Chicago Lifts. Keep your purchase receipt and model number (CBD15B-LiH) readily available when contacting support.

Seller: Chicago Lifts

Contact Information: Refer to your purchase documentation or the seller's official website for the most current contact details.