

COOCHEER US01+ZZKD005392

COOCHEER Heavy Duty 1000LBS Stair Climbing Dolly 3-in-1 Convertible Hand Truck User Manual

Model: US01+ZZKD005392

INTRODUCTION

This manual provides instructions for the safe and efficient use of your COOCHEER Heavy Duty 1000LBS Stair Climbing Dolly. This versatile 3-in-1 convertible hand truck is designed for moving heavy loads, featuring solid rubber tri-wheels and a loop handle for various transport needs in home, office, or industrial settings.

SAFETY INFORMATION

- Always ensure the hand truck is properly assembled and all components are securely fastened before use.
- Do not exceed the maximum load capacities for each configuration: 660 lbs in 2-wheel mode and 1000 lbs in 4-wheel dolly mode.
- Distribute loads evenly on the nose plate or platform to maintain stability.
- Use caution when moving loads up or down stairs. This hand truck is designed for ascending stairs; exercise extreme care when descending.
- Wear appropriate safety gear, such as gloves and safety shoes, when handling heavy items.
- Keep hands and feet clear of moving parts, especially during conversion and operation.
- Store the hand truck in a dry, secure location when not in use.

PRODUCT OVERVIEW

Key Features:

- **Heavy-Duty Capacity:** Supports up to 660 lbs in 2-wheel mode and 1000 lbs in 4-wheel dolly mode.
- **3-in-1 Convertible Design:** Easily switches between 2-wheel vertical, 4-wheel dolly, and 4-wheel platform modes.
- **Stair Climbing Tri-Wheels:** Equipped with upgraded rubber tri-wheels for smooth movement up stairs and over

uneven surfaces.

- **Durable Construction:** Made from high-strength aluminum alloy for long-term performance.
- **Collapsible Design:** Folds for compact storage and easy transport.
- **Integrated Loop Handle:** Provides comfortable and secure grip for easy control.

Components:

Familiarize yourself with the main components of your hand truck:



Figure 1: Key Components of the Hand Truck

- **Base Plate:** The primary loading surface.
- **Pull Ring Fixed Lock:** Mechanism for securing the handle in different positions.
- **Integrated Circular Handle:** Ergonomic handle for pushing and pulling.
- **Stair Climbing Fixing Parts:** Components related to the tri-wheel assembly.
- **Flatbed 4-Wheel Fixing Parts:** Components for the 4-wheel platform mode.
- **Universal Wheels:** Swivel wheels for maneuverability in 4-wheel modes.
- **Wheels for Stairs (Tri-Wheels):** Three-wheel clusters designed to roll over stair edges.
- **Expandable U-shaped Ring:** Additional support or handle in certain configurations.

SETUP AND ASSEMBLY

The main frame of your COOCHEER hand truck is pre-assembled. You will need to perform a simple assembly of the wheels, casters, axle, and base plate. Refer to the following steps and diagrams for guidance.

1. **Unpack Components:** Carefully remove all parts from the packaging and verify against the parts list (not provided in this manual, refer to product packaging).
2. **Attach Wheels and Casters:** Securely attach the stair climbing tri-wheels and universal wheels to their designated axles and mounting points. Ensure all bolts and nuts are tightened.
3. **Install Base Plate:** Attach the base plate to the main frame.
4. **Final Check:** Before first use, inspect all connections to ensure they are tight and secure.

Note: Some users have reported that assembly instructions can be vague. Take your time and carefully review the components and their intended positions. If needed, search for visual assembly guides online for additional assistance.



Figure 2: Conversion Mechanisms for Different Forms

OPERATING INSTRUCTIONS

Converting Between Modes:

The hand truck can be converted between its 2-wheel vertical, 4-wheel dolly, and 4-wheel platform modes without tools. Refer to Figure 2 for visual guidance.

1. 2-Wheel Vertical Mode (Stair-Climbable Upright Form):

- Ensure the two hooks are attached to the bottom of the handle.
- Engage the latch to secure the frame in the upright position.
- This mode is suitable for vertical carrying of tall items like appliances.
- Maximum capacity: 660 lbs.

2. 4-Wheel Dolly Mode (Incline Form):

- Pull the lock ring and insert the lock to transition the frame into an inclined position.
- This mode is ideal for everyday heavy loads such as boxes or small furniture.
- Maximum capacity: 1000 lbs.

3. 4-Wheel Platform Mode (Platform Form I & II):

- For Platform Form I, install the handle into the bottom groove.
- For Platform Form II (folding), pull up the U-shaped ring to extend the platform.
- This mode is suitable for oversized items like sofas or bulk packages.
- Maximum capacity: 1000 lbs.

Loading and Transporting:

- **Loading:** Place items securely on the nose plate or platform. For stability, position heavier items at the bottom and center. Use bungee cords (included) to secure loads if necessary.
- **Moving on Flat Ground:** Push or pull the hand truck using the integrated loop handle. The universal wheels provide smooth mobility.
- **Stair Climbing:** In 2-wheel vertical mode, position the tri-wheels against the first step. Carefully pull or push the hand truck, allowing the tri-wheels to rotate and roll over each step. Always maintain a firm grip on the handle. This

hand truck is primarily designed for ascending stairs. Exercise extreme caution and consider assistance when descending stairs with heavy loads.

- **Uneven Surfaces:** The upgraded rubber tri-wheels are designed to handle various uneven surfaces such as grass, pebbles, and cement roads. Proceed slowly and maintain control.

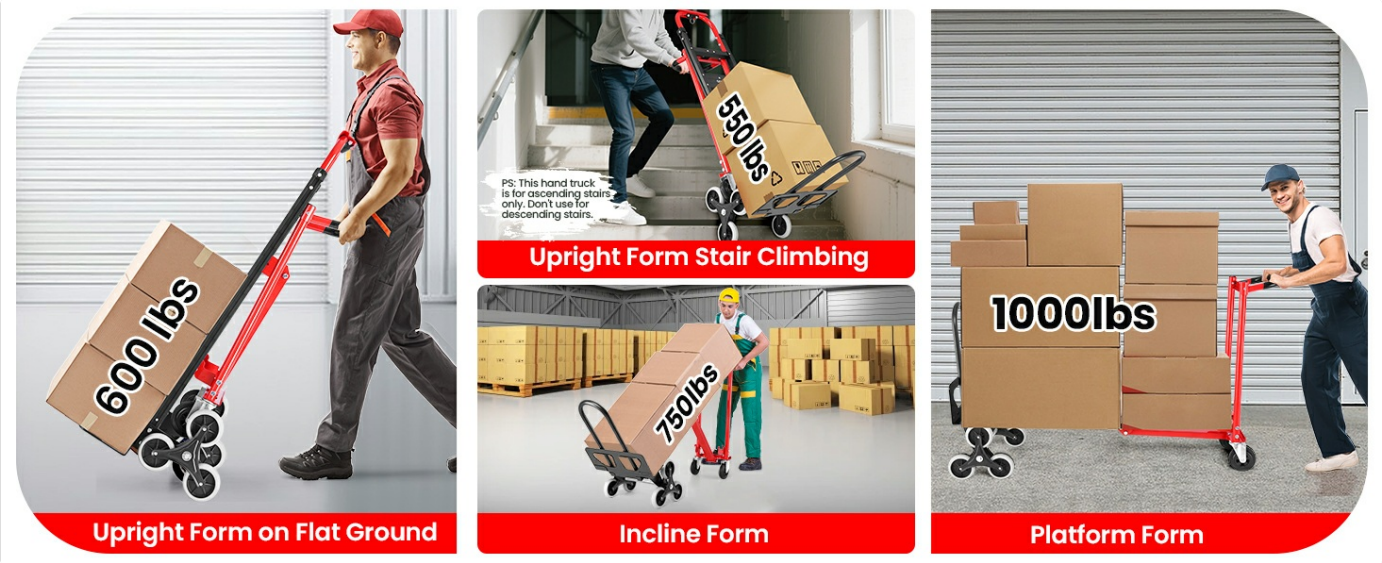


Figure 3: Load Capacities and Usage Examples

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Video 1: Demonstration of the 3-in-1 Convertible Hand Truck's features and conversion.

MAINTENANCE

- **Cleaning:** Wipe down the frame and wheels with a damp cloth to remove dirt and debris. Avoid harsh chemicals that may damage the finish.
- **Lubrication:** Periodically check the wheel axles and moving joints. Apply a small amount of lubricant if any squeaking or stiffness is observed.
- **Fastener Check:** Regularly inspect all bolts, nuts, and latches to ensure they are tight. Re-tighten any loose fasteners to prevent accidents.
- **Wheel Inspection:** Check the rubber tri-wheels and universal wheels for wear or damage. Replace any severely worn or damaged wheels to maintain optimal performance and safety.
- **Storage:** When not in use, fold the hand truck for compact storage in a dry, protected area to prevent rust or damage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Difficulty converting between modes	Latch or lock mechanism is stiff or obstructed.	Ensure no debris is blocking the mechanism. Apply a small amount of lubricant to moving parts if stiff. Refer to Figure 2 for correct conversion steps.

Problem	Possible Cause	Solution
Hand truck feels unstable or wobbly	Loose fasteners or unevenly distributed load.	Check and tighten all bolts and nuts. Re-position the load to ensure it is centered and balanced. Do not exceed weight capacity.
Wheels not rolling smoothly	Debris in wheels or worn bearings.	Clean any debris from the wheels and axles. If wheels are still stiff, they may need lubrication or replacement.
Difficulty climbing stairs	Overloaded or incorrect technique.	Reduce the load if it exceeds the 2-wheel mode capacity (660 lbs). Ensure the tri-wheels are properly engaging each step. Maintain a steady, controlled movement.

SPECIFICATIONS

Brand:	COOCHEER
Model Number:	US01+ZZKD005392
Material:	Aluminum
Item Weight:	38.6 pounds
Load Capacity (2-wheel mode):	660 pounds
Load Capacity (4-wheel dolly/platform mode):	1000 pounds
Wheel Type:	Rubber, Caster (Tri-wheels for stairs, Universal wheels)
Number of Wheels:	4 (plus tri-wheel sets)
Item Dimensions (L x W x H):	44.88"L x 15.95"W x 7.48"H (folded dimensions may vary)

WARRANTY AND SUPPORT

For warranty information or technical support, please contact COOCHEER customer service directly. Refer to your purchase documentation or the manufacturer’s website for contact details.

Manufacturer: COOCHEER

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