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› Teprovo TK1500-R Stair Climbing Hand Truck User Manual

Teprovo TK1500-R

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Model: TK1500-R

1. INTRODUCTION

Thank you for choosing the Teprovo TK1500-R Stair Climbing Hand Truck. This manual provides essential information for the safe assembly, operation, and maintenance of your new hand truck. Please read these instructions thoroughly before use to ensure proper function and to prevent injury or damage.



Figure 1: The Teprovo TK1500-R Stair Climbing Hand Truck shown in both its compact, folded state and its extended, ready-to-use configuration. This image highlights the product's design for both storage and operation.

2. SAFETY INFORMATION

Always prioritize safety when operating the hand truck. Failure to follow these safety guidelines may result in personal injury or damage to property.

- **Load Capacity:** Do not exceed the maximum load capacity of 440 lbs (200 kg) on flat ground or 330 lbs (150 kg) when climbing stairs. Overloading can cause instability and damage.
- **Secure Loads:** Always secure items to the hand truck using appropriate straps or bungee cords to prevent shifting or falling during transport.
- **Proper Grip:** Maintain a firm grip on the handles at all times. Ensure the telescoping handle is securely locked in place before use.
- **Awareness:** Be aware of your surroundings, especially when navigating stairs or uneven surfaces. Clear the path of any obstacles.
- **Body Mechanics:** Use proper lifting techniques to avoid back strain. Bend your knees, not your back, when loading or unloading items.
- **Stair Use:** When ascending or descending stairs, proceed slowly and maintain control. For heavy or bulky items, consider having a second person assist.

- **Storage:** Store the hand truck in a dry, secure location when not in use.

3. ASSEMBLY INSTRUCTIONS

The Teprovo TK1500-R hand truck requires minimal assembly, primarily attaching the six-wheel climbing mechanism.

1. **Step 1:** Pass the main axle tube through the central opening of the six-wheel stand.
2. **Step 2:** Align the provided gasket and cover with the holes on the axle tube and wheel stand.
3. **Step 3:** Tap the components into place and secure them firmly. Ensure all parts are tightly fitted before use.



Figure 2: Visual guide for attaching the six-wheel climbing mechanism to the hand truck frame. This image illustrates the three-step process for secure assembly.

4. OPERATING INSTRUCTIONS

4.1. Unfolding and Folding

The hand truck features a folding design for compact storage and easy portability.

- **To Unfold:** Gently pull the loading plate downwards until it locks into its open position. Extend the telescoping handle to your desired height and ensure it clicks into place.

- **To Fold:** Retract the telescoping handle by pressing the release buttons and pushing it down. Lift the loading plate upwards until it folds flat against the frame.



Figure 3: Illustration of the simple operation to fold and unfold the hand truck. The image shows the process of pushing the loading plate in and turning it up for compact storage.

4.2. Using on Stairs

The unique six-wheel design allows for efficient stair climbing.

1. **Loading:** Place the item securely on the loading plate. Use bungee cords or straps to prevent movement.
2. **Ascending Stairs:** Tilt the hand truck back slightly to engage the first set of wheels on the stair edge. Pull the hand truck upwards, allowing the rotating wheel clusters to roll over each step. Maintain a steady pace and firm grip.
3. **Descending Stairs:** Tilt the hand truck back slightly. Carefully guide the hand truck down, allowing the rotating wheel clusters to roll smoothly over each step. Control the descent speed to prevent the load from tipping forward.
4. **Heavy Loads:** For loads approaching the 330 lbs stair capacity, consider having a second person assist by guiding the load or providing support.



Figure 4: The hand truck being used to transport boxes up a staircase. This demonstrates the practical application of the stair-climbing wheel design for various usage scenarios.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your hand truck.

- **Cleaning:** Wipe down the frame and wheels with a damp cloth after use, especially if exposed to dirt or moisture.
- **Inspection:** Periodically check all bolts, screws, and joints for tightness. Tighten any loose fasteners.
- **Wheel Condition:** Inspect the wheels for wear or damage. Ensure they rotate freely.
- **Lubrication:** Apply a small amount of general-purpose lubricant to moving parts, such as the wheel axles and folding mechanism, if they become stiff.
- **Storage:** Store the hand truck in a dry environment to prevent rust and corrosion.

6. TROUBLESHOOTING

If you encounter issues with your Teprovo hand truck, refer to the following common problems and solutions.

- **Difficulty Folding/Unfolding:** Check for any obstructions in the folding mechanism. Ensure the telescoping handle release buttons are fully depressed. Lubricate moving parts if stiff.

- **Wheels Not Rotating Smoothly:** Inspect wheels for debris or damage. Clean axles and apply lubricant if necessary. Ensure assembly is correct and secure.
- **Instability During Use:** Verify that the load is centered and securely fastened. Ensure the telescoping handle is fully extended and locked. Do not exceed load capacity.
- **Excessive Noise:** Check for loose fasteners or worn wheel components. Lubricate moving parts.

If problems persist, please contact Teprovo customer support for assistance.

7. SPECIFICATIONS

Feature	Detail
Model Number	TK1500-R
Brand	Teprovo
Maximum Load Capacity (Flat Ground)	440 lbs (200 kg)
Maximum Load Capacity (Stairs)	330 lbs (150 kg)
Product Dimensions (L x W x H)	73.7 x 47 x 73.7 cm (29 x 18.5 x 29 inches)
Item Weight	11.34 kg (25 lbs)
Number of Wheels	6 (Tri-wheel design for stair climbing)
Material	Thickened Upgraded Steel Tube

Maximum load capacity
440LB

*Reasonable size design
and high load capacity*

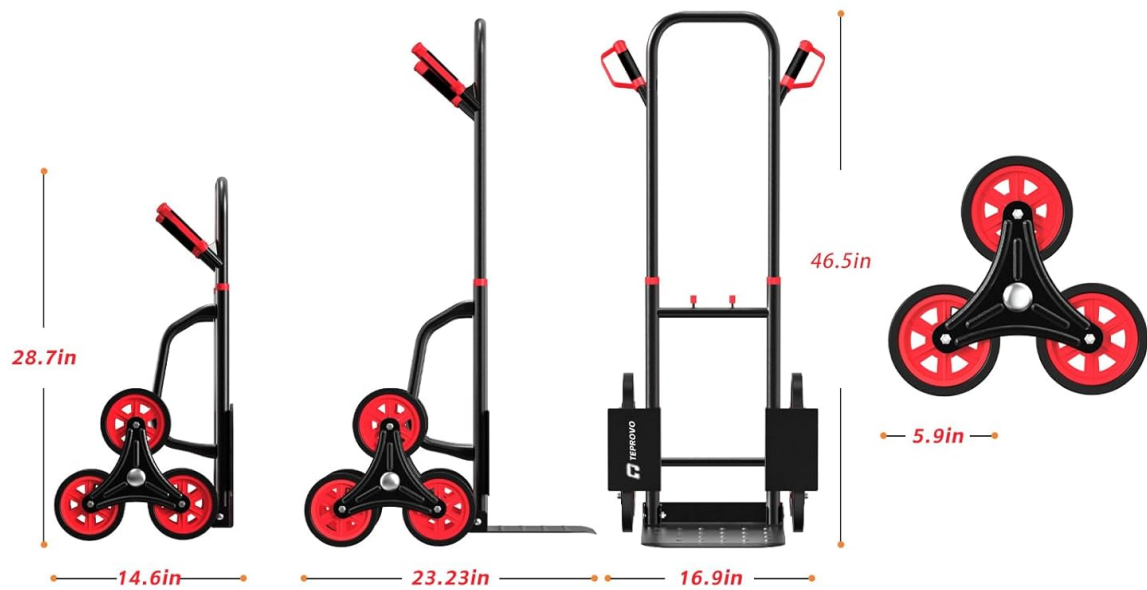


Figure 5: Detailed dimensions and maximum load capacities for the Teprovo TK1500-R hand truck. This graphic provides key measurements and weight limits for safe operation.

8. WARRANTY AND SUPPORT

Specific warranty information for the Teprovo TK1500-R Stair Climbing Hand Truck may vary by region and retailer. Please refer to your purchase documentation or contact the seller directly for details regarding warranty coverage.

For technical support, replacement parts, or any questions not covered in this manual, please contact Teprovo customer service through the retailer where you purchased the product.