

## Einhell 2022135

# Einhell BT-TJ 2250 Trolley Jack User Manual

Model: 2022135

## 1. INTRODUCTION

This manual provides important information for the safe and proper operation, maintenance, and troubleshooting of your Einhell BT-TJ 2250 Trolley Jack. Please read this manual thoroughly before using the product and keep it for future reference.

The Einhell BT-TJ 2250 is a robust and stable trolley jack designed for lifting vehicles with a maximum load capacity of 2250 kg. It features two ball-bearing swivel castors for easy maneuverability, an extra-large support saddle, and a long, two-part lifting rod to ensure safe and easy lifting of loads. An integrated safety valve protects against overloading.

## 2. SAFETY INSTRUCTIONS

Always observe the following safety precautions to prevent injury or damage to the product:

- **Read the Manual:** Before operation, read and understand all instructions and warnings in this manual.
- **Load Capacity:** Never exceed the maximum load capacity of 2250 kg.
- **Stable Surface:** Always use the jack on a hard, level, and stable surface.
- **Vehicle Support:** After lifting, always support the vehicle with appropriate jack stands before working underneath it. Never rely solely on the jack for support.
- **Center Load:** Ensure the load is centered on the saddle of the jack.
- **Clear Area:** Keep hands, feet, and other body parts clear of moving parts and the area under the load.
- **Maintenance:** Regularly inspect the jack for damage or wear. Do not use if damaged.
- **Children and Pets:** Keep children and pets away from the work area.
- **Overload Protection:** The jack is equipped with an overload safety valve. Do not attempt to bypass or adjust this valve.

## 3. PRODUCT COMPONENTS

Familiarize yourself with the parts of your Einhell BT-TJ 2250 Trolley Jack:



Figure 1: Overview of the Einhell BT-TJ 2250 Trolley Jack, showing the main body, lifting arm, support saddle, wheels, and the two-part lifting rod.

1. **Main Body:** The robust steel frame of the jack.
2. **Lifting Arm:** The movable arm that raises the support saddle.
3. **Support Saddle:** The circular pad at the top of the lifting arm where the load rests. It is extra-large for stability.
4. **Swivel Castors:** Two ball-bearing wheels at the rear for easy steering and positioning.
5. **Fixed Wheels:** Two wheels at the front for stability.
6. **Lifting Rod (Handle):** A two-part rod used to pump the jack and operate the release valve.
7. **Release Valve:** Located at the base of the lifting mechanism, controlled by rotating the lifting rod.
8. **Overload Safety Valve:** Internal mechanism to prevent lifting beyond the rated capacity.

## 4. SETUP AND ASSEMBLY

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The Einhell BT-TJ 2250 Trolley Jack typically comes pre-assembled, but the lifting rod may need to be attached.

- **Attach the Lifting Rod:** Insert the two parts of the lifting rod together. Then, insert the assembled rod into the handle socket on the jack. Ensure it is securely seated.
- **Bleed Air (First Use):** Before first use, it is recommended to bleed any air from the hydraulic system.
  - a. Turn the lifting rod counter-clockwise to fully open the release valve.
  - b. Pump the lifting rod vigorously several times.
  - c. Turn the lifting rod clockwise to close the release valve.

## 5. OPERATING INSTRUCTIONS

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### 5.1. Lifting a Load

1. **Prepare the Vehicle:** Park the vehicle on a hard, level surface. Engage the parking brake and block the wheels that will remain on the ground.
2. **Position the Jack:** Locate the vehicle's designated lifting points (refer to your vehicle's owner's manual). Position the jack's support saddle directly under the lifting point.
3. **Close the Release Valve:** Turn the lifting rod clockwise until the release valve is fully closed. Do not overtighten.

4. **Lift the Load:** Pump the lifting rod up and down to raise the support saddle and lift the vehicle. Continue pumping until the vehicle reaches the desired height.
5. **Secure with Jack Stands:** Immediately place appropriately rated jack stands under the vehicle's designated support points. Slowly lower the vehicle onto the jack stands by carefully turning the lifting rod counter-clockwise. Once the vehicle is securely resting on the jack stands, remove the trolley jack.

## 5.2. Lowering a Load

If the vehicle is on jack stands, first lift it slightly off the stands using the trolley jack before lowering.

1. **Clear the Area:** Ensure no one is under or near the vehicle.
2. **Position the Jack:** If removed, reposition the jack's support saddle under the lifting point.
3. **Slowly Open Release Valve:** Slowly and carefully turn the lifting rod counter-clockwise to open the release valve. The vehicle will begin to descend. Control the descent speed by adjusting how much you open the valve.
4. **Fully Lower:** Continue lowering until the vehicle is fully on the ground.
5. **Remove Jack:** Once the vehicle is stable on the ground, remove the trolley jack.

## 6. MAINTENANCE AND STORAGE

- **Cleaning:** Clean the jack regularly with a damp cloth. Do not use harsh chemicals.
- **Lubrication:** Periodically lubricate moving parts and pivot points with light machine oil.
- **Hydraulic Oil:** Check the hydraulic oil level periodically. If low, refill with a high-quality hydraulic jack oil. Consult a qualified technician if unsure.
- **Inspection:** Before each use, inspect the jack for any signs of damage, leaks, or wear. Do not use a damaged jack.
- **Storage:** Store the jack in a dry, clean place, preferably with the ram fully retracted to protect the hydraulic cylinder.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Jack does not lift or lifts slowly.	Low hydraulic oil level; Air in the system; Release valve not fully closed; Overload.	Check and refill hydraulic oil; Bleed air from the system (see Setup); Ensure release valve is fully closed; Do not exceed load capacity.
Jack lowers under load.	Release valve not fully closed; Internal leak; Damaged seals.	Ensure release valve is fully closed; Consult a qualified technician for repair or replacement of seals.
Jack makes unusual noises.	Air in the system; Lack of lubrication; Damaged components.	Bleed air from the system; Lubricate moving parts; Inspect for damage and replace if necessary.

## 8. SPECIFICATIONS

Feature	Detail
Brand	Einhell


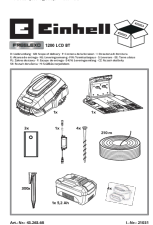

Feature	Detail
Model Number	2022135
Load Capacity	2250 kg
Minimum Height	140 mm
Maximum Height	495 mm
Item Weight	32 Kilograms
Dimensions (Packaging)	74 x 35.8 x 23.6 cm

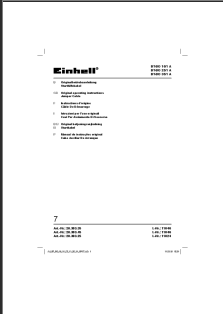

## 9. WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or visit the official Einhell website. For technical support or spare parts, please contact Einhell customer service. Keep your purchase receipt as proof of purchase.

**Einhell Customer Service:** Please refer to the contact details provided on the Einhell official website or in your product packaging.

### Related Documents - 2022135

	<p><a href="#">Einhell TC-RA 18 Li BT Cordless Radio User Manual</a></p> <p>Comprehensive user manual for the Einhell TC-RA 18 Li BT cordless radio, covering operation, safety, technical specifications, and maintenance.</p>
	<p><a href="#">Einhell FREELEXO 1200 LCD BT Cordless Lawnmower - Scope of Delivery</a></p> <p>This document details the scope of delivery for the Einhell FREELEXO 1200 LCD BT cordless lawnmower, listing all included components.</p>
	<p><a href="#">Einhell FREELEXO 450 BT-Solo Robotic Lawnmower Scope of Delivery</a></p> <p>Details the scope of delivery for the Einhell FREELEXO 450 BT-Solo robotic lawnmower, listing all included components.</p>

	<p><a href="#">Einhell Jump Start Cables BT-BO Series User Manual</a></p> <p>Comprehensive user manual for Einhell jump start cables, covering models BT-BO 16/1 A, BT-BO 25/1 A, and BT-BO 35/1 A. Includes operating instructions, safety precautions, technical specifications, and warranty information in multiple languages.</p>
	<p><a href="#">Einhell FREELEXO BT Mähroboter Bedienungsanleitung</a></p> <p>Umfassende Bedienungsanleitung für den Einhell FREELEXO BT Mähroboter, die Installation, Bedienung, Wartung, Sicherheit und Fehlerbehebung abdeckt.</p>
	<p><a href="#">Einhell FREELEXO LCD BT+ Mähroboter Bedienungsanleitung</a></p> <p>Umfassende Bedienungsanleitung für den Einhell FREELEXO LCD BT+ Mähroboter. Enthält Anleitungen zur Installation, Bedienung, Wartung und Fehlerbehebung für eine effektive Rasenpflege.</p>