

## cartrend 10441

# Cartrend Mobile Wheel Tree User Manual

Model: 10441

Brand: cartrend

## 1. INTRODUCTION

Thank you for choosing the Cartrend Mobile Wheel Tree. This product is designed to provide a convenient and space-saving solution for storing up to four car wheels, helping to prevent tire deformation and keep your storage area tidy. Its mobile design allows for easy transport of your wheels.

Please read this manual carefully before assembly and use to ensure safe and optimal performance of your wheel tree. Keep this manual for future reference.

## 2. SAFETY INFORMATION

- Always ensure the wheel tree is placed on a stable, level surface before loading or unloading wheels.
- Do not exceed the maximum load capacity of 4 x 25 kg (100 kg total).
- Ensure all components are securely fastened during assembly and before use.
- Keep hands and fingers clear of moving parts during transport.
- Engage the brake when the wheel tree is stationary to prevent accidental movement.
- Store the wheel tree in a dry, protected area to prevent corrosion.

## 3. WHAT'S IN THE BOX

Your Cartrend Mobile Wheel Tree package should contain the following items:

- Main frame and base components
- Central support pole (multi-section)
- Wheel support discs (4 pieces)
- Wheels (3 pieces)
- Protective tire cover
- Assembly hardware (screws, nuts, washers)

- Tire markers (colored discs)
- Tire pressure gauge
- Tire tread depth gauge
- Instruction manual



Figure 3.1: Overview of the Cartrend Mobile Wheel Tree and its included components.



Figure 3.2: Close-up of the included tire markers, pressure gauge, and tread depth gauge.

## 4. SETUP AND ASSEMBLY

Follow these steps to assemble your Cartrend Mobile Wheel Tree:

1. **Unpack Components:** Carefully remove all parts from the packaging and verify against the 'What's in the Box' list.
2. **Assemble the Base:** Attach the three wheels to the base frame using the provided hardware. Ensure they are securely tightened for stability and smooth movement.
3. **Install the Central Pole:** Insert the lower section of the central support pole into the designated slot on the base. Secure it with the appropriate screws and nuts.
4. **Attach Wheel Support Discs:** Slide the four wheel support discs onto the central pole. These discs will hold your tires.

5. **Connect Upper Pole Section:** If your central pole comes in two sections, connect the upper section to the lower section. Ensure it clicks or locks into place securely.
6. **Final Check:** Before loading any wheels, ensure all connections are tight and the structure is stable.



Figure 4.1: Detail of the smooth-running wheels for easy mobility.

## 5. OPERATING INSTRUCTIONS

Using your Cartrend Mobile Wheel Tree is straightforward:

1. **Loading Wheels:** Carefully lift each wheel and slide it onto the central support pole, resting it on one of the support discs. Start from the bottom and work your way up. Ensure the wheels are centered and stable on the discs.
2. **Engaging the Brake:** Once all wheels are loaded and the tree is in its desired storage location, engage the foot brake located on the base to secure the tree and prevent unwanted movement.



3. **Applying Protective Cover:** Drape the provided protective cover over the loaded wheels and the wheel tree. This cover protects your tires from dust, dirt, and UV rays, ensuring clean storage.
4. **Transporting the Tree:** To move the wheel tree, disengage the brake. Use the handle to tilt and roll the tree to its new location. The smooth-running wheels allow for effortless transport, even with a full load.
5. **Using Accessories:** Utilize the included tire markers to label your tires (e.g., front-left, rear-right) for easy identification during tire changes. The pressure gauge and tread depth gauge can be used to monitor tire condition before storage or re-installation.



Figure 5.1: Wheel tree with tires and protective cover for clean storage.

## Verhindert Verformung von Reifen



Figure 5.2: The design prevents tire deformation by allowing free-floating storage.

## 6. MAINTENANCE

Regular maintenance will extend the life of your Cartrend Mobile Wheel Tree:

- **Cleaning:** Wipe down the metal frame with a damp cloth to remove dust and dirt. Avoid abrasive cleaners.
- **Check Connections:** Periodically inspect all screws and nuts to ensure they remain tight. Re-tighten if necessary.
- **Wheel Inspection:** Check the wheels for any signs of wear or damage. Ensure they rotate freely.
- **Cover Care:** The protective cover can be wiped clean or hand-washed with mild soap and water if heavily soiled. Allow it to air dry completely before re-using or storing.
- **Storage:** When not in use, store the wheel tree in a dry environment to prevent rust or damage.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Wheel tree feels unstable or wobbly.	Loose assembly screws; uneven loading of tires; uneven surface.	Check and tighten all assembly screws. Ensure tires are evenly distributed and centered. Move to a flat, level surface.
Difficulty moving the wheel tree.	Brake engaged; wheels are dirty or damaged; overloaded.	Ensure the brake is disengaged. Clean wheels or check for damage. Do not exceed maximum load capacity.
Tires are not sitting properly on discs.	Tire size exceeds specifications; improper placement.	Verify tire dimensions against product specifications. Ensure tires are centered on the support discs.

8. SPECIFICATIONS

- **Model:** 10441
- **Material:** Powder-coated Carbon-Steel frame, Aluminum rods
- **Maximum Tire Width:** Up to 255 mm
- **Maximum Tire Diameter:** Up to 720 mm
- **Height (assembled):** 1150 mm (45.27 inches)
- **Maximum Load Capacity:** 4 x 25 kg (Total 100 kg)
- **Wheels:** 3 smooth-running wheels, 12 cm (4.72 inches) diameter
- **Product Dimensions (packaged):** 64.5 x 23 x 19.5 cm
- **Item Weight:** 9.12 kg

Findet Platz in jeder Garage



Figure 8.1: Key dimensions and capacities of the wheel tree.



## Freischwebende Lagerung verhindert Schweißwasserbildung



Figure 8.2: Height and individual tire weight capacity.

### 9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided on the product packaging or visit the official Cartrend website. Please have your model number (10441) and purchase details ready when contacting support.

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