

[Manuals.plus](#) /

› [WilTec](#) /

› WilTec Motorcycle Dolly (Model 51367) User Manual

WilTec 51367

WilTec Motorcycle Dolly (Model 51367) User Manual

Maneuvering Aid for Motorcycles up to 570 kg

1. INTRODUCTION

Thank you for choosing the WilTec Motorcycle Dolly. This product is designed to assist in the precise maneuvering and storage of motorcycles, particularly in confined spaces. Its robust metal construction and swivel casters allow for easy movement of motorcycles weighing up to 570 kg. This manual provides essential information for the safe assembly, operation, and maintenance of your motorcycle dolly.



Figure 1: The WilTec Motorcycle Dolly, showcasing its red powder-coated finish and overall structure.

2. SAFETY INSTRUCTIONS

Please read and understand all safety instructions before using the motorcycle dolly. Failure to follow these instructions may result in injury or damage to the product or motorcycle.

- **Weight Capacity:** Do not exceed the maximum load capacity of 570 kg (1256 lbs).
- **Stable Surface:** Always use the dolly on a flat, level, and stable surface. Uneven surfaces can cause the motorcycle to tip over.
- **Brake Engagement:** Ensure the parking brake is engaged when loading or unloading the motorcycle, and when the dolly is stationary.
- **Motorcycle Stability:** Confirm the motorcycle is securely positioned on its side stand and balanced on the dolly before attempting to move it.
- **Clear Area:** Keep the area around the dolly clear of obstructions and other persons during operation.
- **Personal Protective Equipment:** Wear appropriate safety footwear when handling heavy motorcycles.

- **Children and Pets:** Keep children and pets away from the dolly and motorcycle during use.
- **Inspection:** Regularly inspect the dolly for any signs of damage, wear, or loose components. Do not use if damaged.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged before assembly. If any parts are missing or damaged, contact WilTec customer service.

- 1x Motorcycle Dolly Main Frame (Red, powder-coated)
- 6x Swivel Casters
- 1x Side Stand Support Arm
- Assembly Hardware (bolts, nuts, washers)
- 1x Parking Brake Mechanism

4. SETUP AND ASSEMBLY

Assembly typically involves attaching the swivel casters and the side stand support arm to the main frame. Refer to the diagrams for proper placement.

1. **Unpack Components:** Carefully remove all parts from the packaging and lay them out on a clean, flat surface.
2. **Attach Casters:** Securely attach the six swivel casters to the designated mounting points on the underside of the main dolly frame using the provided hardware. Ensure all bolts are tightened.
3. **Install Side Stand Support:** Mount the side stand support arm to the main frame. This arm is designed to hold the motorcycle's side stand. Ensure it is firmly attached and stable.
4. **Check Parking Brake:** Verify that the parking brake mechanism is correctly installed and functions properly.
5. **Final Inspection:** Before first use, double-check all connections and ensure the dolly is stable and ready for operation.



Figure 2: Detail of a swivel caster, showing its attachment point and dimensions (50x20 mm).

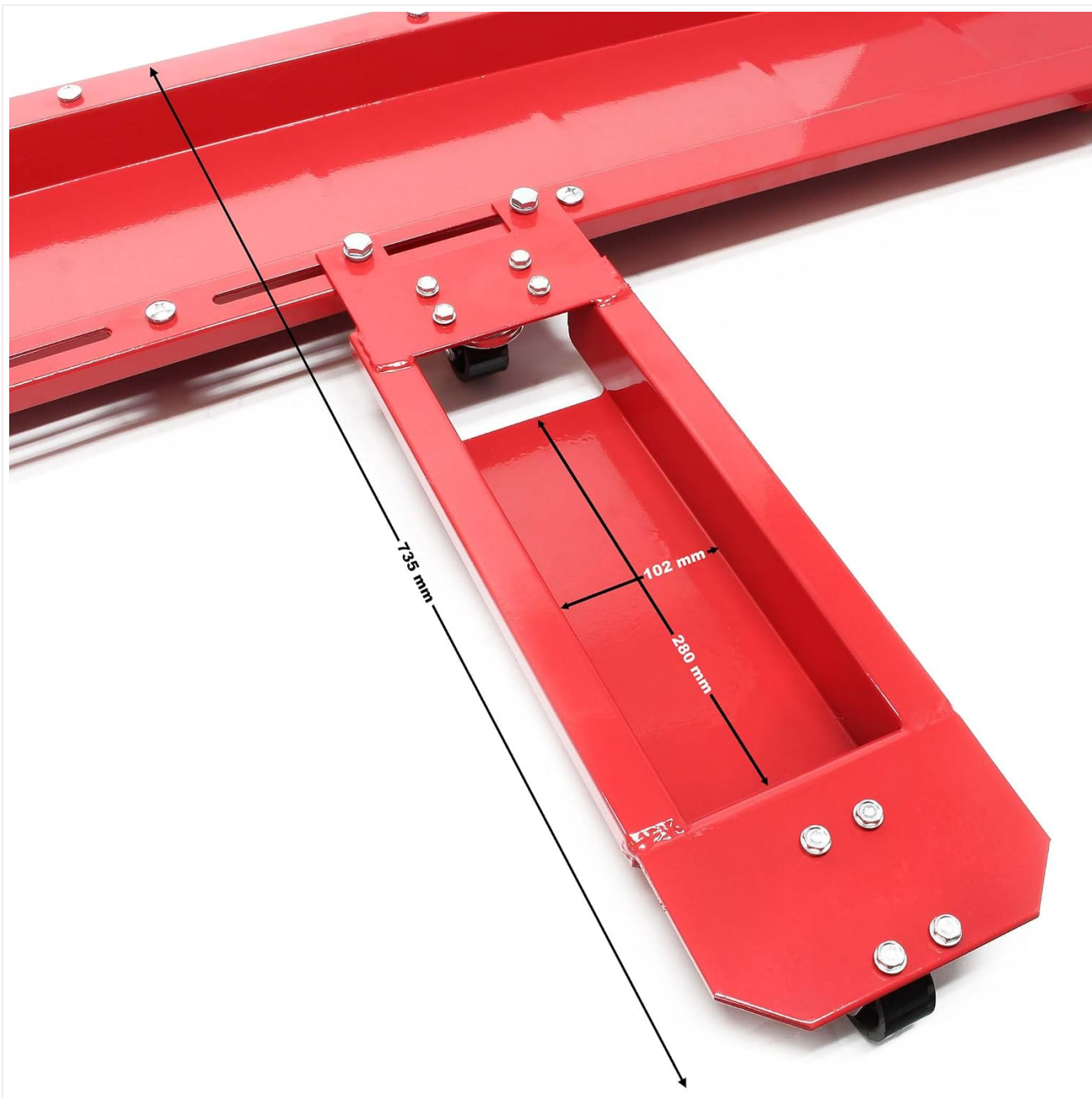


Figure 3: Dimensions of the side stand support arm, indicating its length (735 mm) and width (102 mm).

5. OPERATING INSTRUCTIONS

Follow these steps to safely load, move, and unload your motorcycle using the dolly.

1. **Prepare the Dolly:** Place the motorcycle dolly on a flat, level surface. Ensure the parking brake is engaged to prevent unintended movement.
2. **Position Motorcycle:** Carefully roll your motorcycle onto the dolly's main rail. The rail has a usable width of 20 cm. Ensure the front and rear wheels are centered on the rail.
3. **Engage Side Stand:** Once the motorcycle is on the dolly, deploy its side stand into the designated side stand support arm on the dolly. Ensure the side stand is fully extended and stable within the support.
4. **Verify Stability:** Gently rock the motorcycle to confirm it is stable and securely resting on its side stand within the dolly.
5. **Release Brake:** Disengage the parking brake on the dolly.
6. **Maneuver Motorcycle:** Carefully push or pull the motorcycle and dolly to the desired location. The six swivel casters allow for 360-degree movement. Move slowly and deliberately, especially in tight spaces.

7. **Secure Motorcycle:** Once in the desired position, engage the parking brake to prevent the dolly from moving.
8. **Unload Motorcycle:** To remove the motorcycle, disengage the parking brake, carefully roll the motorcycle off the dolly, and then re-engage the parking brake.



Figure 4: A yellow motorcycle positioned on the dolly, demonstrating how the side stand rests on the support arm.



Figure 5: A black sport motorcycle on the dolly, illustrating the ease of maneuvering in a garage setting.



Figure 6: Close-up view of the dolly's main rail, showing its usable width of 200 mm (20 cm).

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your motorcycle dolly.

- **Cleaning:** Wipe down the dolly with a damp cloth to remove dirt and debris. Avoid abrasive cleaners.
- **Lubrication:** Periodically lubricate the swivel casters and moving parts of the parking brake with a light machine oil to ensure smooth operation.
- **Hardware Check:** Regularly check all bolts, nuts, and fasteners for tightness. Retighten as necessary.
- **Damage Inspection:** Inspect the metal frame for any signs of bending, cracks, or corrosion. Inspect casters for wear or damage. Replace damaged parts immediately.
- **Storage:** Store the dolly in a dry, clean environment when not in use to prevent rust and prolong its lifespan.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your motorcycle dolly.

Problem	Possible Cause	Solution
Dolly is difficult to move.	Parking brake engaged; Casters are dirty or stiff; Uneven surface; Overload.	Disengage parking brake. Clean and lubricate casters. Move to a flat, level surface. Ensure motorcycle weight is within capacity.
Motorcycle feels unstable on the dolly.	Motorcycle not centered; Side stand not properly engaged; Dolly on uneven ground; Loose hardware.	Reposition motorcycle to be centered. Ensure side stand is fully and securely in its support. Move dolly to a flat surface. Check and tighten all assembly hardware.
Parking brake not holding.	Brake mechanism worn or damaged; Improper engagement.	Inspect brake mechanism for wear. Ensure it is fully engaged. If damaged, contact customer service for replacement parts.

8. SPECIFICATIONS

Key technical specifications for the WilTec Motorcycle Dolly Model 51367.

- **Model:** 51367
- **Brand:** WilTec
- **Material:** Powder-coated metal
- **Color:** Red
- **Maximum Load Capacity:** 570 kg (1256 lbs)
- **Dolly Dimensions (L x W x H):** 203 x 73.5 x 7 cm (80 x 28.9 x 2.7 inches)
- **Usable Rail Width:** 20 cm (7.9 inches)
- **Number of Swivel Casters:** 6
- **Caster Dimensions:** 50 x 20 mm
- **Net Weight:** Approximately 20.64 kg (45.5 lbs)
- **Features:** Integrated parking brake, suitable for motorcycles with side stands.

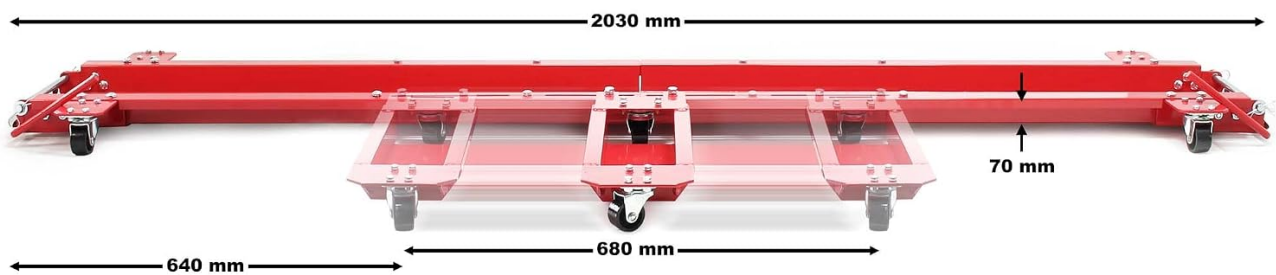


Figure 7: Detailed dimensions of the motorcycle dolly, including overall length (2030 mm) and width (640 mm).

9. WARRANTY AND CUSTOMER SUPPORT

WilTec products are manufactured to high-quality standards. For information regarding warranty terms and conditions, please refer to the purchase documentation or contact your retailer. For technical assistance, spare parts, or any other inquiries, please contact WilTec customer support directly.

WilTec Wildanger Technik GmbH

[Visit the WilTec Store on Amazon](#)