

## COSTWAY MF8435FR

# COSTWAY Self-Propelled Lawn Mower Jack Instruction Manual

Model: MF8435FR | Brand: COSTWAY

## 1. INTRODUCTION

Thank you for choosing the COSTWAY Self-Propelled Lawn Mower Jack, Model MF8435FR. This robust and versatile lifting device is designed to assist with the maintenance and repair of various garden equipment, including self-propelled lawn mowers, garden tractors, and ATVs. Constructed from durable steel, it offers a stable and secure lifting solution with a maximum load capacity of 400 kg (880 lbs). Its adjustable height and tilt angle provide convenient access for tasks such as blade changes, tire repairs, and undercarriage cleaning. Please read this manual thoroughly before use to ensure safe operation and optimal performance of your product.

## 2. SAFETY INSTRUCTIONS

**WARNING: Failure to follow these safety instructions may result in serious injury or property damage.**

- Always place the jack on a firm, level, and non-slip surface.
- Ensure the equipment being lifted is centered and stable on the jack before raising.
- Do not exceed the maximum load capacity of 400 kg (880 lbs).
- Keep hands and feet clear of moving parts during operation.
- Never work under a load supported only by the jack. Always use additional support stands or blocks once the equipment is raised.
- Do not allow children or unauthorized persons to operate or be near the jack during use.
- Inspect the jack for any damage or wear before each use. Do not use if damaged.
- Wear appropriate personal protective equipment (PPE) such as safety gloves and eye protection.
- Lower the equipment slowly and carefully.
- Ensure the equipment is securely lowered and stable before removing it from the jack.

### 3. PRODUCT OVERVIEW

The COSTWAY Lawn Mower Jack is designed for ease of use and durability. Key features include:

- **Robust Steel Construction:** Made from reinforced alloy steel for high stability and long-lasting performance.
- **High Load Capacity:** Safely lifts equipment up to 400 kg (880 lbs).
- **Adjustable Height:** Lifting height can be adjusted from 11.5 cm (4.5 inches) to 77 cm (30.3 inches).
- **Adjustable Tilt Angle:** Provides an inclination angle of up to 50 degrees for optimal access.
- **Crank Handle Operation:** Effortless manual operation for raising and lowering.
- **Foldable Design:** Compact for easy storage and transport.
- **Anti-Rust Finish:** Smooth, reinforced finish for enhanced durability and weather resistance.



Figure 3.1: A man performing maintenance on a lawn mower securely positioned on the COSTWAY jack.

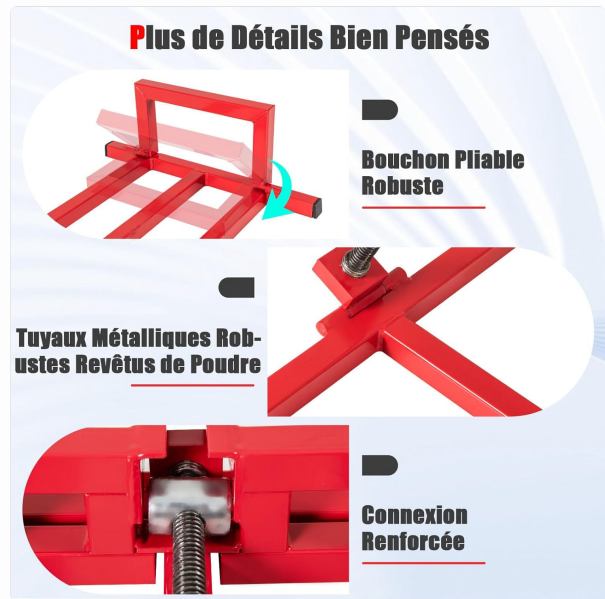


Figure 3.2: Close-up details of the jack, highlighting the foldable stopper, robust powder-coated metal tubes, and reinforced connection points for enhanced durability.



Figure 3.3: The robust frame and stable triangular structure of the jack, demonstrating its capability to support up to 400 kg.



Figure 3.4: The versatility of the jack, suitable for lifting various vehicles including self-propelled mowers, garden tractors, and quad bikes.

## 4. SETUP

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The COSTWAY Lawn Mower Jack requires no complex assembly. It is designed for immediate use out of the box.

1. **Unpacking:** Carefully remove the jack from its packaging. Inspect for any signs of damage during transit.
2. **Placement:** Position the jack on a flat, stable, and non-slip surface in your work area. Ensure there is ample space around the jack and the equipment to be lifted.
3. **Initial Check:** Before first use, ensure all bolts and connections are secure.

## 5. OPERATING INSTRUCTIONS

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Follow these steps to safely operate your COSTWAY Lawn Mower Jack:

1. **Prepare the Equipment:** Ensure the engine of your lawn mower or tractor is turned off and cooled down. Disconnect the spark plug wire to prevent accidental starting. Engage the parking brake if applicable.
2. **Position the Jack:** Roll the equipment onto the jack's support arms. Ensure the equipment's wheels are securely seated within the jack's frame. The center of gravity of the equipment should be as balanced as possible over the jack.
3. **Secure the Equipment:** If your equipment has tie-down points, consider using straps to further secure it to the jack, especially for heavier items or when working at higher angles.
4. **Raise the Equipment:** Use the crank handle to slowly raise the equipment to the desired height. The height can be adjusted from 11.5 cm to 77 cm. The jack also allows for an inclination angle of up to 50 degrees. Turn the crank clockwise to raise and counter-clockwise to lower.
5. **Add Support (Crucial):** Once the equipment is at the desired height, always place additional safety stands or sturdy blocks underneath the equipment for added support. **Never rely solely on the jack for support when working underneath.**
6. **Perform Maintenance:** With the equipment securely supported, you can now safely perform maintenance tasks such as blade sharpening, deck cleaning, or tire repair.
7. **Lower the Equipment:** After completing your work, remove any additional support stands. Slowly turn the crank handle counter-clockwise to lower the equipment back to the ground. Ensure a controlled descent.
8. **Remove Equipment:** Once fully lowered, carefully roll the equipment off the jack.



Figure 5.1: Demonstrating the easy tilt adjustment feature, highlighting the 360-degree rotating handle for precise control and a maximum operational height of 65 cm.



Figure 5.2: A user cleaning the underside of a lawn mower, illustrating the convenient access provided by the elevated jack.

## 6. MAINTENANCE

Proper maintenance will ensure the longevity and safe operation of your COSTWAY Lawn Mower Jack.

- **Cleaning:** After each use, wipe down the jack with a clean cloth to remove dirt, grease, and debris. The anti-rust finish helps protect the steel, but regular cleaning is recommended.
- **Lubrication:** Periodically apply a light lubricant to the screw mechanism and pivot points to ensure smooth operation.
- **Inspection:** Regularly check for any signs of wear, damage, or loose fasteners. Pay close attention to welds, the crank mechanism, and the support arms. If any damage is found, do not use the jack until it has been repaired or replaced.
- **Storage:** When not in use, fold the jack compactly for convenient storage. Store it in a dry, protected area away from extreme temperatures and moisture to prevent rust and corrosion.



Figure 6.1: The jack's portable and foldable design, making it suitable for use in various scenarios like gardens, garages, or farms, and easy to store compactly.

## 7. TROUBLESHOOTING

If you encounter issues with your COSTWAY Lawn Mower Jack, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Jack is difficult to crank or feels stiff.	Lack of lubrication on the screw mechanism or pivot points.	Apply a suitable lubricant to the screw and all moving parts.
Jack feels unstable when lifting.	Uneven ground surface; equipment not centered; load exceeds capacity.	Ensure the jack is on a firm, level surface. Reposition the equipment to be centered. Verify the load does not exceed 400 kg.
Equipment slides off the jack.	Equipment not properly secured or positioned.	Ensure equipment wheels are fully seated. Use additional straps if necessary. Always ensure the equipment is stable before lifting.
Visible damage (bends, cracks).	Impact or excessive load.	<b>Do not use the jack.</b> Contact customer support for repair or replacement.

## 8. SPECIFICATIONS

Brand	COSTWAY
Model Number	MF8435FR

<b>Material</b>	Alloy Steel
<b>Color</b>	Red
<b>Overall Dimensions (L x W x H)</b>	115 x 50 x 20 cm (45.3 x 19.7 x 7.9 inches)
<b>Adjustable Lifting Height</b>	11.5 cm - 77 cm (4.5 inches - 30.3 inches)
<b>Maximum Tilt Angle</b>	Up to 50 degrees
<b>Load Capacity</b>	400 kg (880 lbs)
<b>Item Weight</b>	11 kg (24.2 lbs)
<b>UPC</b>	796914917731

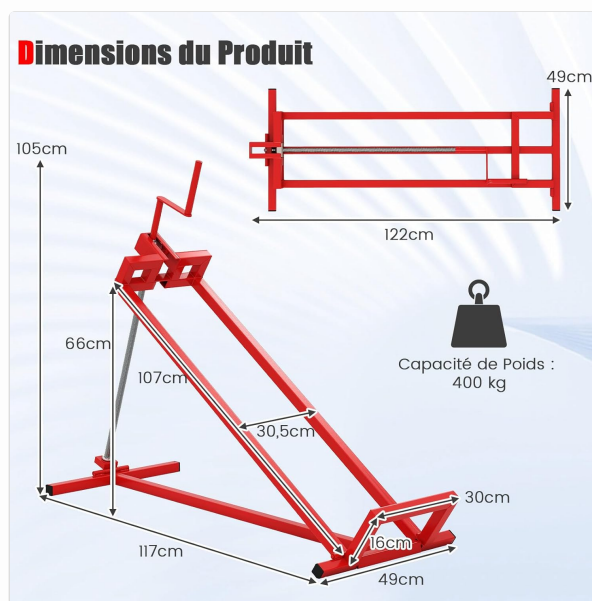


Figure 8.1: Detailed dimensions of the COSTWAY Lawn Mower Jack, including overall length, width, height, and lifting capacity.

## 9. WARRANTY INFORMATION

COSTWAY products are manufactured to high-quality standards. For specific warranty details, including coverage period and terms, please refer to the warranty card included with your purchase or visit the official COSTWAY website. Please retain your proof of purchase for any warranty claims.

## 10. CUSTOMER SUPPORT

If you have any questions, require assistance, or need to report an issue with your COSTWAY Lawn Mower Jack, please contact COSTWAY customer service. Contact information can typically be found on the product packaging, the official COSTWAY website, or through your retailer.

For online support, visit: [COSTWAY Official Store on Amazon](#)

