

Sun Joe TRJ13STE

Sun Joe TRJ13STE Electric Grass Trimmer + Edger

USER INSTRUCTION MANUAL

1. Important Safety Information

Always read and understand this manual before operating the Sun Joe TRJ13STE. Failure to follow instructions can result in electric shock, fire, and/or serious injury.

- Wear appropriate personal protective equipment (PPE), including eye protection, long pants, and sturdy footwear.
- Keep children, bystanders, and pets at least 50 feet (15 m) away from the work area.
- Inspect the work area for debris, rocks, or other objects that could be thrown by the trimmer.
- Do not operate in wet conditions or rain.
- Always disconnect the power supply before performing any maintenance or adjustments.
- This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

2. Product Overview

The Sun Joe TRJ13STE is a versatile 4-Amp electric grass trimmer and edger designed for efficient lawn maintenance. It features a 13-inch cutting swath and a lightweight design for ease of use.



Figure 1: Overall view of the Sun Joe TRJ13STE Electric Grass Trimmer + Edger.

3. Assembly Instructions

Follow these steps to assemble your trimmer:

1. **Attach the Safety Guard:** Align the safety guard with the trimmer head and secure it using the provided screws. Ensure it is firmly attached before operation.
2. **Install the Auxiliary Handle:** Slide the auxiliary handle onto the shaft. Adjust its position for comfortable operation and tighten the locking knob.



ADJUSTABLE HANDLE + TELESCOPING POLE FOR MAXIMUM COMFORT AND CONTROL

Figure 2: The adjustable auxiliary handle provides maximum comfort and control during operation.

- 3. Adjust the Telescoping Pole:** Loosen the collar on the telescoping pole and extend or retract the shaft to your desired length (from 41" to 50"). Tighten the collar securely.

4. Operating Instructions

Your Sun Joe TRJ13STE is designed for both trimming and edging tasks.

4.1 Trimming Function

To trim grass, hold the unit firmly with both hands. The powerful 4-Amp motor cuts a 13-inch swath, making quick work of overgrown grass and weeds. The built-in flower guard helps protect delicate plants from accidental contact.



Figure 3: The 13-inch cutting swath allows for efficient trimming of grass.



FLOWER GUARD PROTECTS AGAINST TRIMMER CONTACT

Figure 4: The flower guard prevents accidental trimmer contact with delicate plants.

4.2 Edging Function

The 180-degree rotating head allows for quick conversion from trimming to edging. Simply rotate the head to the desired angle (0°, 15°, 30°, or 45°) for precise edging along sidewalks, driveways, and flowerbeds.



Figure 5: The trimmer head rotates to provide multiple cutting options for edging.

4.3 Auto-Feed Feature

The convenient auto-feed feature ensures you always have the correct length of line for continuous cutting without interruption. The trimmer automatically extends the line as needed during operation.

4.4 Product Demonstration Video

Watch this official demonstration video for a visual guide on operating your Sun Joe TRJ13STE:

Your browser does not support the video tag.

Video 1: Sun Joe TRJ13STE 13" Electric String Trimmer/Edger Demo Video. This video demonstrates the key features and operation of the trimmer and edger.

5. Maintenance

Regular maintenance ensures optimal performance and extends the life of your trimmer.

5.1 Cleaning

After each use, disconnect the power cord and clean the trimmer head and guard. Remove any accumulated grass clippings or debris to prevent clogging and ensure proper line feeding.

5.2 Replacing Trimmer Line

When the trimmer line runs out, it can be replaced. Refer to the detailed instructions in the full user manual for specific steps on how to open the spool housing and install new line. Ensure you use the correct diameter line as specified in the product specifications.



Figure 6: Inspect the trimmer head regularly for wear and tear, especially before replacing the line.

6. Troubleshooting

If you encounter issues with your trimmer, consult the table below for common problems and solutions.

Problem	Possible Cause	Solution
Trimmer does not start	No power supply; loose connection; faulty switch	Check power outlet and cord; ensure connections are secure; contact customer support if switch is faulty.
Trimmer line does not feed	Line tangled or empty; debris in spool housing	Replace or untangle line; clear debris from spool housing.
Motor smokes or overheats	Overloading the motor; blocked vents	Avoid cutting excessively thick or wet grass; clear all vents of debris. Discontinue use immediately if smoking occurs and contact customer support.

7. Specifications

- **Brand:** Sun Joe
- **Model:** TRJ13STE
- **Power Source:** Corded Electric
- **Motor:** 4-Amp
- **Cutting Swath:** 13 inches
- **Item Weight:** 5 pounds
- **Product Dimensions:** 49.5"L x 13.2"W
- **Speed:** 7.8E+3 RPM
- **Adjustable Pole:** Extends from 41" to 50"
- **Edging Angles:** 0°, 15°, 30°, 45°
- **Certifications:** ETL Approved

8. Warranty and Support

The Sun Joe TRJ13STE Electric Grass Trimmer + Edger is backed by a full 2-year warranty for performance and reliability. For any questions, technical support, or warranty claims, please refer to the official Sun Joe customer service channels.

You can also download the complete user manual in PDF format for detailed information:

[Download User Manual \(PDF\)](#)

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question