

BOSCH ART 27

Bosch ART 27 Electric Grass Trimmer User Manual

1. PRODUCT OVERVIEW

The Bosch ART 27 Electric Grass Trimmer is designed for efficient cutting of grass and weeds, lawn trimming, and garden edging. This lightweight and powerful tool features a semi-automatic spool for consistent line feeding and a rotatable head for easy switching between trimming and edging modes. Its ergonomic design includes adjustable height and a secondary handle for comfortable operation.



Figure 1: Bosch ART 27 Electric Grass Trimmer, illustrating its overall design and components.

2. IMPORTANT SAFETY INFORMATION

Always adhere to the following safety guidelines to prevent injury and ensure safe operation of the Bosch ART 27 Electric Grass Trimmer.

- **Personal Protective Equipment:** Always wear appropriate protective clothing, including eye protection (safety glasses or goggles), long trousers, and sturdy footwear when operating the trimmer.
- **Awareness of Debris:** Be aware of potential flying debris. Ensure bystanders and pets are kept at a safe distance (at least 15 meters) from the operating area.
- **Automatic Line Feeding:** Exercise caution when using the automatic line feeding system to prevent accidental line release or entanglement.
- **Power Source:** Ensure the power cord is in good condition and positioned to avoid being cut by the trimmer line. Use only approved extension cords suitable for outdoor use.
- **Inspection Before Use:** Before each use, inspect the trimmer for any damage, loose parts, or worn components. Do not operate if damaged.
- **Clear Work Area:** Remove any stones, sticks, wires, or other foreign objects from the work area that could be thrown or entangled in the cutting line.
- **Weather Conditions:** Do not use the trimmer in wet conditions or rain.

3. KEY FEATURES

- **High-Performance Twin Line:** The semi-automatic spool system reduces the need for manual adjustments, ensuring continuous cutting.
- **Trimming and Edging Functionality:** A rotatable head allows for quick and simple switching between grass trimming and precise garden edging modes.
- **Comfortable Handling:** Features one-click height adjustment to extend the tool's length and an adjustable secondary handle for improved comfort and reduced strain during operation.
- **Versatile Application:** Optimized for various tasks including cutting grass and weeds, general lawn trimming, and detailed garden edging.

4. ASSEMBLY AND SETUP

The Bosch ART 27 Trimmer requires minimal assembly. Follow these steps to prepare your trimmer for use.

1. **Attach the Guard:** Securely attach the protective guard to the trimmer head. Ensure it clicks into place or is fastened according to the markings.
2. **Assemble the Shaft:** Connect the upper and lower shaft sections if they are separate. Ensure the connection is firm and locked.
3. **Adjust the Secondary Handle:** Position the secondary handle to a comfortable height and angle for your posture. Tighten the locking mechanism.
4. **Adjust Height:** Use the one-click height adjustment mechanism to set the trimmer to a suitable operating height.
5. **Check Spool:** Ensure the cutting line spool is correctly installed and the line is feeding freely.



Figure 2: User adjusting the trimmer's height for comfortable operation, demonstrating the ergonomic design.

5. OPERATING INSTRUCTIONS

5.1 Starting the Trimmer

- Connect the trimmer to a suitable power outlet.
- Hold the trimmer firmly with both hands.
- Press the safety lock-off button (if present) and then squeeze the trigger switch to start the motor.

5.2 Trimming Grass and Weeds

Hold the trimmer at a slight angle to the ground, sweeping it from side to side. Maintain a consistent height for an even cut. The semi-automatic spool will feed new line as needed.



Figure 3: Operating the trimmer to cut grass and weeds around garden features, showcasing its maneuverability.

5.3 Edging Function

To switch to edging mode:

1. Turn off the trimmer and disconnect it from the power supply.
2. Rotate the trimmer head 90 degrees until it locks into the edging position.
3. Reconnect power and guide the trimmer along the edge of your lawn or pathway for a clean finish.



Figure 4: Demonstrating the trimmer's use for precise garden edging along a pathway or border.

5.4 Line Management

The ART 27 features a semi-automatic line feed. If the line becomes too short, briefly tap the trimmer head on the ground while the motor is running to advance more line. The integrated blade on the guard will automatically cut the line to the correct length.

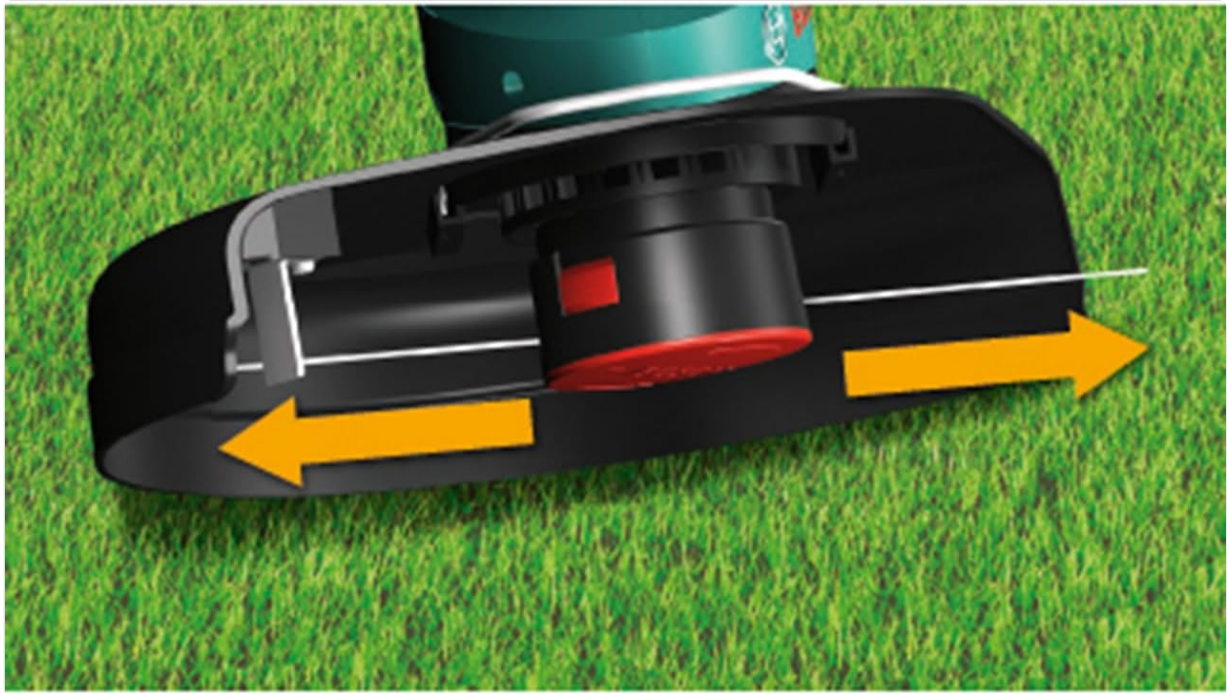


Figure 5: A close-up view of the cutting line and spool mechanism, highlighting the semi-automatic feed system.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your trimmer.

- **Cleaning:** After each use, disconnect the power and clean the trimmer housing, guard, and air vents with a damp cloth. Remove any grass clippings or debris from the cutting head. Do not use solvents or abrasive cleaners.
- **Line Replacement:** When the cutting line spool is empty, replace it with a genuine Bosch replacement spool (1.6mm x 6m). Refer to the specific instructions provided with the replacement spool for correct installation.
- **Storage:** Store the trimmer in a dry, secure place, out of reach of children. Ensure the power cord is neatly wrapped and not kinked.

7. TROUBLESHOOTING

If you encounter issues with your Bosch ART 27 Trimmer, consult the following table:

Problem	Possible Cause	Solution
Trimmer does not start	No power supply; Faulty power cord; Safety switch not engaged	Check power connection; Inspect cord for damage; Ensure safety switch and trigger are pressed correctly
Cutting line does not feed	Spool empty; Line tangled; Line stuck in spool	Replace spool; Remove and untangle line; Re-spool line correctly
Poor cutting performance	Line too short or worn; Motor overloaded; Debris in cutting head	Advance or replace line; Avoid cutting excessively thick material; Clean cutting head

Problem	Possible Cause	Solution
Excessive vibration	Damaged cutting head or line; Loose components	Inspect and replace damaged parts; Tighten all connections

8. TECHNICAL SPECIFICATIONS

Detailed specifications for the Bosch ART 27 Electric Grass Trimmer:

Specification	Value
Model	ART 27
Motor Power	450 W
Cutting Diameter (Line)	27 cm
Cutting Line System	Semi-automatic
Line Dimensions	1.6 mm x 6 m
Height Adjustment	80-115 cm
Cutting Speed	10,500 rpm (9000 RPM listed in specs, using description's 10,500 for consistency with cutting line system)
Weight	2.7 kg
Power Source	AC (Mains Electric)
Colour	Green
Assembly Required	Yes

9. WARRANTY AND CUSTOMER SUPPORT

Bosch products are manufactured to high-quality standards and undergo rigorous testing. This product is covered by a manufacturer's warranty, details of which can typically be found in the warranty card included with your purchase or on the official Bosch website.

For technical assistance, spare parts, or warranty claims, please contact Bosch customer service. Contact information can usually be found on the Bosch official website or in the documentation supplied with your product.

When contacting support, please have your product model (ART 27) and serial number (if applicable) ready.

