

Stiga GT 500e

STIGA GT 500e Cordless Grass Trimmer User Manual

Model: GT 500e (278100008/ST3)

Safety	Overview	Assembly	Battery	Operation	Maintenance	Troubleshooting	Specifications	Warranty
& Support								

1. SAFETY INFORMATION

Always read and understand all safety warnings and instructions before operating the STIGA GT 500e cordless grass trimmer. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

General Safety Warnings

- **Keep bystanders away:** Do not allow children or untrained persons to operate the trimmer.
- **Wear appropriate personal protective equipment (PPE):** Always wear eye protection, long trousers, sturdy footwear, and hearing protection when operating the trimmer.
- **Inspect the work area:** Before starting, clear the area of stones, debris, and other objects that could be thrown by the cutting line.
- **Avoid dangerous environments:** Do not use the trimmer in wet or damp conditions. Avoid operating in poor lighting.
- **Maintain proper footing and balance:** Do not overreach. Always be aware of your surroundings.
- **Disconnect battery:** Always remove the battery pack before making any adjustments, changing accessories, or storing the trimmer.

Battery Safety

- Use only the specified battery pack and charger for this product.
- Do not expose battery packs to water or excessive heat.
- Store battery packs in a cool, dry place away from direct sunlight.

2. PRODUCT OVERVIEW

The STIGA GT 500e is a powerful and quiet cordless grass trimmer designed for efficient grass cutting and lawn edging. It features a 48V 4Ah battery, an adjustable handle, a telescopic shaft, and a Tap&Go double nylon line head for continuous cutting performance.



Figure 2.1: Overall view of the STIGA GT 500e Cordless Grass Trimmer. This image shows the complete assembled unit, highlighting its ergonomic design with the adjustable D-handle and the battery housing at the base of the shaft, leading to the cutting head.

Key Components

- **Motor Unit:** Houses the electric motor and cutting head.
- **Cutting Head:** Equipped with a Tap&Go double nylon line system.
- **Guard:** Protects the user from debris and the cutting line.
- **Telescopic Shaft:** Allows for length adjustment to suit user height.
- **Adjustable D-Handle:** Provides comfortable grip and control.
- **Control Panel:** Features power button and battery indicator.
- **Battery Compartment:** Holds the 48V 4Ah battery.

3. ASSEMBLY

The STIGA GT 500e requires minimal assembly. Follow these steps to prepare your trimmer for use.

Step-by-Step Assembly

1. **Attach the Guard:** Secure the cutting guard to the motor unit using the provided fasteners. Ensure it is firmly in place to prevent accidental detachment during operation.
2. **Assemble the Shaft:** The trimmer shaft comes in two parts for compact storage. Align the two sections and push them together until they click securely into place. Ensure the connection is rigid.
3. **Install the D-Handle:** Slide the adjustable D-handle onto the telescopic shaft. Position it for comfortable operation and tighten the locking mechanism. The handle can be adjusted along the shaft to optimize user comfort and control.
4. **Adjust Telescopic Shaft Length:** Unlock the telescopic shaft adjustment collar. Extend or retract the shaft to a comfortable working length that suits your height. Lock the collar firmly to secure the shaft in position.



Figure 3.1: The STIGA GT 500e showing the adjustable D-handle and telescopic shaft. This image illustrates the flexibility in adjusting the trimmer's length and handle position for ergonomic use.

4. BATTERY INFORMATION

The STIGA GT 500e is powered by a 48V 4Ah Lithium-ion battery, providing approximately 20 minutes of runtime per charge. The battery and charger are typically sold separately.

Charging the Battery

Refer to the specific user manual provided with your STIGA 48V battery charger for detailed charging instructions. Always ensure the battery is fully charged before first use and before each extended period of operation.

Inserting and Removing the Battery

1. **Inserting:** Align the battery pack with the battery compartment at the base of the trimmer's shaft. Slide the battery into the compartment until it clicks securely into place. Ensure it is fully seated.
2. **Removing:** Press the battery release button (if present) or firmly pull the battery pack out of the compartment.



Figure 4.1: Close-up view of the STIGA ePower battery compartment. This image shows where the battery is inserted into the trimmer, highlighting the secure fit and the ePower branding.

5. OPERATING INSTRUCTIONS

Familiarize yourself with the controls and proper techniques for effective and safe operation of your STIGA GT 500e.

Starting and Stopping

1. **To Start:** Ensure the battery is inserted. Press the ergonomic ON/OFF button located on the handle. The trimmer will start.
2. **To Stop:** Release the ON/OFF button. The trimmer will stop immediately.



Figure 5.1: Close-up of the control panel on the STIGA GT 500e handle. This image displays the ergonomic ON/OFF button and battery indicator lights, making it easy to see the trimmer's status.

Adjusting the Cutting Head (Trimming & Edging)

The STIGA GT 500e features an adjustable cutting shoe that allows you to switch between trimming and edging modes with a simple rotation. This versatility ensures precise cuts for various lawn needs.

Using the Tap&Go System

The Tap&Go head with double nylon line ensures optimal performance and continuous cutting. To advance the line, simply tap the cutting head lightly on the ground while the trimmer is running. The line will automatically extend.



Figure 5.2: Detailed view of the STIGA Tap&Go cutting head. This image highlights the double nylon line and the mechanism for line advancement, crucial for continuous trimming.

Proper Cutting Techniques

- **Sweeping Motion:** Use a side-to-side sweeping motion to cut grass, moving from right to left for optimal cutting.
- **Maintain Distance:** Keep the cutting head slightly above the ground for an even cut.
- **Edging:** For edging, rotate the cutting head to the vertical position and guide the trimmer along the edge of your lawn or pathway.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your STIGA GT 500e.

Cleaning the Trimmer

- **Always remove the battery pack before cleaning.**
- Use a damp cloth to wipe down the exterior of the trimmer.
- Remove any grass clippings or debris from the cutting head and guard. A stiff brush can be used for stubborn areas.
- Do not use harsh chemicals or abrasive cleaners.

Replacing the Nylon Line

When the nylon line runs out, it needs to be replaced. Refer to your product's specific instructions for the correct line diameter and winding method for the Tap&Go head. Typically, this involves winding new line onto the spool.

Storage

For compact storage, the trimmer's shaft can be easily disassembled into two parts. Clean the trimmer thoroughly before storing. Store in a dry, secure location out of reach of children and away from direct sunlight or extreme temperatures. Remove the battery pack

before long-term storage.

7. TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your STIGA GT 500e.

Problem	Possible Cause	Solution
Trimmer does not start	Battery not inserted correctly Battery discharged ON/OFF button not fully pressed	Ensure battery is fully seated Charge the battery Press the ON/OFF button firmly
Cutting line does not advance	Line tangled or stuck Line too short Spool empty	Remove battery, clear any tangles Tap the head firmly on the ground while running Replace the nylon line spool
Poor cutting performance	Line worn or too short Cutting head clogged with debris Battery low	Advance or replace line Clean the cutting head and guard Charge the battery
Excessive vibration	Cutting line unevenly distributed Damaged cutting head or guard	Check and adjust line length Inspect for damage, replace if necessary

8. TECHNICAL SPECIFICATIONS

Detailed specifications for the STIGA GT 500e Cordless Grass Trimmer.

Feature	Specification
Model Number	GT 500e (278100008/ST3)
Brand	Stiga
Power Source	Cordless (Battery)
Battery Type	48V Lithium-ion (requires 1 battery)
Cutting Width	30 Centimeters
Cutting Head	Tap&Go Double Nylon Line
Dimensions (L x W x H)	140 x 35 x 25 cm (approx. assembled) (Product dimensions: 14 x 18 x 39 cm; 3.05 kg for packaged unit)
Weight	3.05 Kilograms
Material	Plastic
Assembly Required	Yes

9. WARRANTY AND SUPPORT

STIGA products are manufactured to high standards and are designed for durability.

Warranty Information

Spare parts availability for this product is typically 1 year from the date of purchase. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official STIGA website.

Customer Support

If you encounter any issues not covered in this manual or require further assistance, please contact your authorized STIGA dealer or STIGA customer service. Contact information can usually be found on the STIGA official website or on your product packaging.

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.

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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.

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