

Ferm GTM1003

FERM GTM1003 Cordless Grass Trimmer User Manual

Model: GTM1003

1. IMPORTANT SAFETY INSTRUCTIONS

Read all safety warnings and instructions before operating this grass trimmer. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury. Keep this manual for future reference.

- **Personal Safety:** Always wear eye protection (safety glasses) and sturdy footwear. Long pants are recommended. Do not operate while barefoot or wearing open-toed sandals.
- **Work Area Safety:** Keep children, bystanders, and pets at a safe distance (at least 15 meters) from the operating area. Inspect the area for objects that could be thrown by the trimmer line.
- **Electrical Safety:** Use only the specified battery and charger. Do not expose the battery or charger to rain or wet conditions. Disconnect the battery pack before making any adjustments, changing accessories, or storing the tool.
- **Tool Care:** Maintain the tool with care. Keep cutting accessories sharp and clean. Follow instructions for lubricating and changing accessories.
- **Battery Safety:** Do not short-circuit the battery pack. Do not charge the battery in damp or wet locations. Do not incinerate the battery pack.



Image 1.1: The FERM GTM1003 Cordless Grass Trimmer in a garden setting, demonstrating its use for trimming around obstacles like trees.

2. PRODUCT OVERVIEW

The FERM GTM1003 is a cordless grass trimmer designed for maintaining lawns and trimming hard-to-reach areas. It features a powerful 20V-2.0Ah Li-ion battery, an adjustable trimmer head, and a telescopic pole for ergonomic operation.

Components:

- Trimmer Head with Cutting Line
- Safety Guard
- Adjustable Plant Protective Bracket
- Telescopic Pole
- Front Handle (Adjustable)
- Main Handle with Safety Switch
- Battery Compartment
- 20V 2.0Ah Li-ion Battery
- Quick Charger
- Side Wheel (for edging)



Image 2.1: Fully assembled FERM GTM1003 Cordless Grass Trimmer, showing the main components including the adjustable handle and battery.



Image 2.2: The FERM GTM1003 Cordless Grass Trimmer shown in a partially disassembled state, highlighting the telescopic pole and separate handle and trimmer head sections.

3. SETUP AND ASSEMBLY

The FERM GTM1003 requires some assembly before first use. Follow these steps carefully.

3.1. Charging the Battery

1. Insert the 20V 2.0Ah Li-ion battery into the quick charger.
2. Plug the charger into a suitable power outlet.
3. Allow approximately 60 minutes for a full charge. The charger indicator light will change when charging is complete.
4. Once charged, remove the battery from the charger.



Image 3.1: Close-up view of the main handle with the 20V 2.0Ah Li-ion battery securely inserted into its compartment.

3.2. Assembling the Trimmer

1. Attach the trimmer head assembly to the telescopic pole. Ensure it clicks securely into place.
2. Attach the main handle assembly to the other end of the telescopic pole.
3. Install the safety guard onto the trimmer head. Ensure it is firmly attached to protect against debris.
4. Attach the front handle to the telescopic pole.



Image 3.2: Detailed view of the adjustable front handle, which can be positioned for optimal grip and comfort.

3.3. Adjusting for Use

- **Telescopic Pole:** Adjust the height of the telescopic pole between 100 cm and 115 cm to suit your working height. Secure the adjustment mechanism.
- **Front Handle:** Loosen the front handle adjustment knob, position the handle for comfortable grip, and tighten the knob.
- **Trimmer Head Angle:** The trimmer head can be adjusted from 0° to 45° for various trimming tasks. It can also rotate from 0° to 90°-180° for edging. Adjust as needed for the specific task.
- **Plant Protective Bracket:** Extend or retract the plant protective bracket to shield delicate plants from the cutting line.
- **Side Wheel:** Attach the side wheel for easier edging along paths or flowerbeds.



Image 3.3: Close-up of the trimmer head, showing the side wheels for edging and the plant protective bracket.

4. OPERATING INSTRUCTIONS

Ensure the battery is fully charged and properly inserted before operation. Always wear appropriate safety gear.

4.1. Starting and Stopping

1. Insert the charged battery pack into the battery compartment until it clicks into place.
2. To start the trimmer, press and hold the safety switch (usually a button or lever on the main handle), then squeeze the trigger switch.
3. To stop the trimmer, release the trigger switch. The cutting line will stop spinning.
4. Always remove the battery pack when not in use or before performing any adjustments or maintenance.

4.2. Trimming Techniques

- **General Trimming:** Hold the trimmer firmly with both hands. Swing the trimmer from side to side, keeping the cutting line parallel to the ground. Use the tip of the line to cut grass.
- **Edging:** Rotate the trimmer head to the 90°-180° position. Use the side wheel to guide the trimmer along the edge of lawns, paths, or flowerbeds. Walk slowly and steadily.
- **Around Obstacles:** Utilize the adjustable trimmer head angle to reach grass around trees, garden furniture, or other obstacles. Use the plant protective bracket to avoid damaging plants.
- **Slopes:** When trimming on slopes, always stand across the face of the slope, not up and down.



Image 4.1: The trimmer head in action, showing the cutting line effectively trimming grass.

4.3. Advancing the Cutting Line (Tap and Go System)

The FERM GTM1003 features a "Tap and Go" system for automatic line advancement.

1. While the trimmer is running, gently tap the trimmer head against a firm, non-abrasive surface (e.g., grass or soft ground).
2. The impact will release a small amount of cutting line from the spool.
3. The line will automatically be cut to the correct length by the blade on the safety guard.
4. Avoid tapping on hard surfaces like concrete or rocks, as this can damage the trimmer head.



Image 4.2: Detailed view of the trimmer head, illustrating the cutting line and the spool mechanism for the "Tap and Go" system.

5. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your grass trimmer. Always remove the battery pack before performing any maintenance.

5.1. Cleaning

- After each use, clean the trimmer head, safety guard, and ventilation slots with a soft brush or cloth.
- Remove any accumulated grass clippings or debris from the cutting head area.
- Do not use water or cleaning solvents, as these can damage the electrical components.

5.2. Replacing the Cutting Line

When the cutting line on the spool is depleted, it needs to be replaced. Refer to the trimmer head for specific instructions on opening the spool housing and winding new line. Use only recommended replacement line for the FERM GTM1003.

5.3. Battery Care and Storage

- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- For long-term storage, charge the battery to approximately 50% capacity.
- Do not store the battery pack fully discharged.
- Do not store the battery pack connected to the trimmer.

6. TROUBLESHOOTING

If you encounter issues with your FERM GTM1003, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
Trimmer does not start.	Battery not charged or not inserted correctly. Safety switch not engaged.	Ensure battery is fully charged and securely inserted. Press and hold the safety switch before squeezing the trigger.
Cutting line does not advance.	Line is tangled or depleted. Trimmer head not tapped correctly.	Gently tap the trimmer head on soft ground while running. If still no line, remove battery and inspect/replace the line spool.
Reduced cutting performance.	Line is too short or worn.	Advance new cutting line using the "Tap and Go" system. If line is old, replace the spool.
Battery not charging.	Charger not plugged in. Faulty battery or charger.	Check power connection. Try charging another compatible FERM battery if available. Contact customer support if issue persists.

If the problem persists after attempting these solutions, please contact FERM customer support.

7. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Number	GTM1003
Voltage	20V
Battery Capacity	2.0Ah Li-ion
Charging Time	Approximately 60 minutes
Cutting Diameter	22 cm
Cutting System	2 line wire spool, Tap and Go
Telescopic Pole Adjustment	100 cm – 115 cm
Trimmer Head Angle Adjustment	0° - 45°
Trimmer Head Rotation	0° - 90° - 180°
Item Weight	2.6 Kilograms

8. WARRANTY AND SUPPORT

FERM products are manufactured to high quality standards and are guaranteed against manufacturing defects for a specified period from the date of purchase. Please retain your proof of purchase for warranty claims.

For warranty details, technical assistance, or to purchase replacement parts, please refer to the warranty card included with your product or visit the official FERM website. You may also contact your retailer for support.

Note: The battery and charger included with this product are designed for use with FERM 20V tools. Using

non-FERM batteries or chargers may void your warranty and pose safety risks.