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› Greenworks Tools 21277 Electric Grass Trimmer and Edger User Manual

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Greenworks Tools 21277 Electric Grass Trimmer and Edger User Manual

This manual provides essential information for the safe and effective use of your Greenworks Tools 21277 Electric Grass Trimmer and Edger.

1. INTRODUCTION

Thank you for choosing the Greenworks Tools 21277 Electric Grass Trimmer and Edger. This powerful 500W tool is designed for efficient grass trimming and lawn edging, offering a 2-in-1 function for versatile garden maintenance. Please read this manual carefully before operation to ensure safe and optimal performance.





Figure 1: Greenworks Tools 21277 Electric Grass Trimmer and Edger. This image shows the complete assembled unit, highlighting its ergonomic design and cutting head.

2. SAFETY INSTRUCTIONS

Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury when operating electric garden tools.

- **Read all instructions:** Familiarize yourself with the controls and proper use of the tool.
- **Wear appropriate attire:** Always wear safety glasses or goggles, long pants, sturdy footwear, and hearing protection.
- **Keep children and bystanders away:** Do not allow children or untrained persons to operate this unit. Maintain a safe distance from the work area.
- **Inspect the work area:** Before starting, clear the area of objects that could be thrown by the cutting line, such as rocks, broken glass, or wire.
- **Avoid dangerous environments:** Do not use the tool in wet conditions or in the presence of flammable liquids or gases.

- **Unplug when not in use:** Always disconnect the power supply before cleaning, servicing, or when leaving the tool unattended.
- **Use the correct power source:** Ensure the power supply matches the specifications listed on the tool.

3. PACKAGE CONTENTS

Carefully unpack your Greenworks Tools 21277 and check for any damage. Ensure all items are present:

- Greenworks Tools 21277 Electric Grass Trimmer and Edger unit
- Auxiliary handle
- Safety guard
- Owner's manual

If any parts are missing or damaged, do not operate the tool. Contact Greenworks Tools customer service for assistance.

4. ASSEMBLY AND SETUP

The Greenworks Tools 21277 requires minor assembly before first use. Follow these steps:

1. **Attach the Safety Guard:** Align the safety guard with the mounting points on the trimmer head. Secure it firmly with the provided screws. Ensure it is properly seated to protect against debris.
2. **Install the Auxiliary Handle:** Slide the auxiliary handle onto the main shaft. Adjust its position for comfortable operation and tighten the locking mechanism.
3. **Adjust the Shaft Length:** The trimmer features an adjustable shaft. Extend or retract the shaft to a comfortable working height, then secure it.



Figure 2: Illustration showing the attachment of the safety guard to the trimmer head.

5. OPERATING INSTRUCTIONS

Your Greenworks Tools 21277 is designed for both grass trimming and edging. Always ensure the tool is unplugged before making any adjustments.

5.1. Starting and Stopping

- **To Start:** Connect the power cord to a suitable outlet. Press and hold the safety lock-off button, then squeeze the trigger switch.
- **To Stop:** Release the trigger switch.

5.2. Grass Trimming

Hold the trimmer firmly with both hands. Swing the trimmer from side to side, keeping the cutting line parallel to the ground. The 25 cm and 30 cm cutting widths allow for efficient coverage.

5.3. Edging Function

The 21277 features a 180-degree rotating cutting head for easy conversion to an edger.

1. **Rotate the Head:** Disconnect power. Locate the head rotation mechanism and pivot the cutting head 180 degrees until it locks into the edging position.
2. **Edge the Lawn:** Reconnect power. Guide the edger along the edge of your lawn, using the guide wheel (if present) for stability.



Figure 3: The trimmer head rotated 180 degrees for edging functionality.

5.4. Line Feeding

This model uses a robust double line with 1.5 mm thickness. The line typically feeds automatically when the trimmer is running and tapped lightly on the ground, or via an automatic feed system. Refer to the specific mechanism for your unit.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your trimmer.

- **Cleaning:** Always disconnect the power before cleaning. Use a damp cloth to wipe down the exterior. Do not use harsh chemicals or abrasive cleaners. Keep air vents clear of debris.
- **Line Replacement:** When the cutting line runs out, replace it with genuine Greenworks 1.5 mm double line. Follow the instructions provided with the replacement spool for proper installation.
- **Storage:** Store the trimmer in a dry, secure place, out of reach of children. Protect it from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

If you encounter issues with your Greenworks Tools 21277, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Trimmer does not start	No power supply Safety lock-off not engaged	Check power cord and outlet Ensure safety lock-off button is pressed before trigger
Cutting line does not feed	Line tangled or empty Debris in spool head	Replace or untangle line Clean spool head (unplug first)
Reduced cutting performance	Worn cutting line Motor overheating	Replace cutting line Allow motor to cool down

If the problem persists after attempting these solutions, please contact Greenworks Tools customer service.

8. SPECIFICATIONS

Technical details for the Greenworks Tools 21277 Electric Grass Trimmer and Edger:

- **Model Number:** 21277
- **Power Source:** Electric
- **Motor Power:** 500 W
- **Cutting Width:** 25 cm / 30 cm (adjustable)
- **Line Diameter:** 1.5 mm (double line)
- **Speed:** 8000 RPM
- **Weight:** 2.4 kg
- **Functions:** Grass Trimmer, Edger (180-degree pivoting head)

9. WARRANTY AND SUPPORT

Greenworks Tools products are manufactured to high-quality standards and are guaranteed against manufacturing defects. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Greenworks Tools website.

For technical support, spare parts, or service inquiries, please contact Greenworks Tools customer service through their official channels. Have your model number (21277) and purchase information ready when contacting support.