TOTAL TGTLI20328

TOTAL P20S 20V Cordless Electric Edge Trimmer User Manual

Model: TGTLI20328

1. Introduction

Thank you for choosing the TOTAL P20S 20V Cordless Electric Edge Trimmer. This manual provides important information for the safe operation, assembly, maintenance, and troubleshooting of your new tool. Please read this manual thoroughly before using the product and keep it for future reference. This edge trimmer is designed for trimming grass and light weeds in gardens and around obstacles.

2. Important Safety Instructions

WARNING: Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- Always wear appropriate personal protective equipment, including eye protection, long pants, and sturdy footwear, when operating the edge trimmer.
- Keep children, bystanders, and pets at a safe distance (at least 15 meters/50 feet) from the operating area.
- Inspect the work area before use. Remove any objects that could be thrown by the cutting line, such as rocks, broken glass, or wire.
- Do not operate the tool in wet conditions or in the rain.
- Ensure the battery is fully charged before use. Only use compatible TOTAL P20S batteries and chargers.
- Never operate the edge trimmer without the guard properly installed.
- Disconnect the battery pack before making any adjustments, changing accessories, or storing the tool.
- Maintain a firm grip on the tool with both hands during operation.
- Avoid contact with the rotating cutting line.
- Store the tool in a dry, secure place out of reach of children.

3. Package Contents

The TOTAL P20S 20V Cordless Electric Edge Trimmer package typically includes the following components:

- 1 x TOTAL P20S 20V Cordless Electric Edge Trimmer unit
- 1 x Protective Guard
- 1 x Auxiliary Handle
- User Manual

Note: Battery and charger are not included with this model (B0BPJGVSNS) and must be purchased separately. This tool is compatible with all TOTAL P20S series batteries and chargers.

4. Product Overview

The TOTAL P20S 20V Cordless Electric Edge Trimmer is a powerful and portable tool designed for efficient garden maintenance. It features a brushless motor for extended tool life and improved efficiency.



Figure 4.1: Main view of the TOTAL P20S 20V Cordless Electric Edge Trimmer.

Key features include:

- **Brushless Motor:** Increases tool lifespan by 10 times, efficiency by 30%, and battery durability by 60%.
- **Ergonomic 180° Adjustable Handle:** Provides comfortable and versatile handling for various trimming angles.
- **5-Position 90° Pivoting Head:** Allows for easy conversion between trimming and edging modes, and access to difficult areas.
- **300mm Cutting Diameter:** Offers a wide cutting path for faster work.
- **Lightweight Design:** Weighing approximately 3.38 kg, it promotes continuous use with less fatigue.



Figure 4.2: Close-up of the trimmer head and integrated wheel for edging.

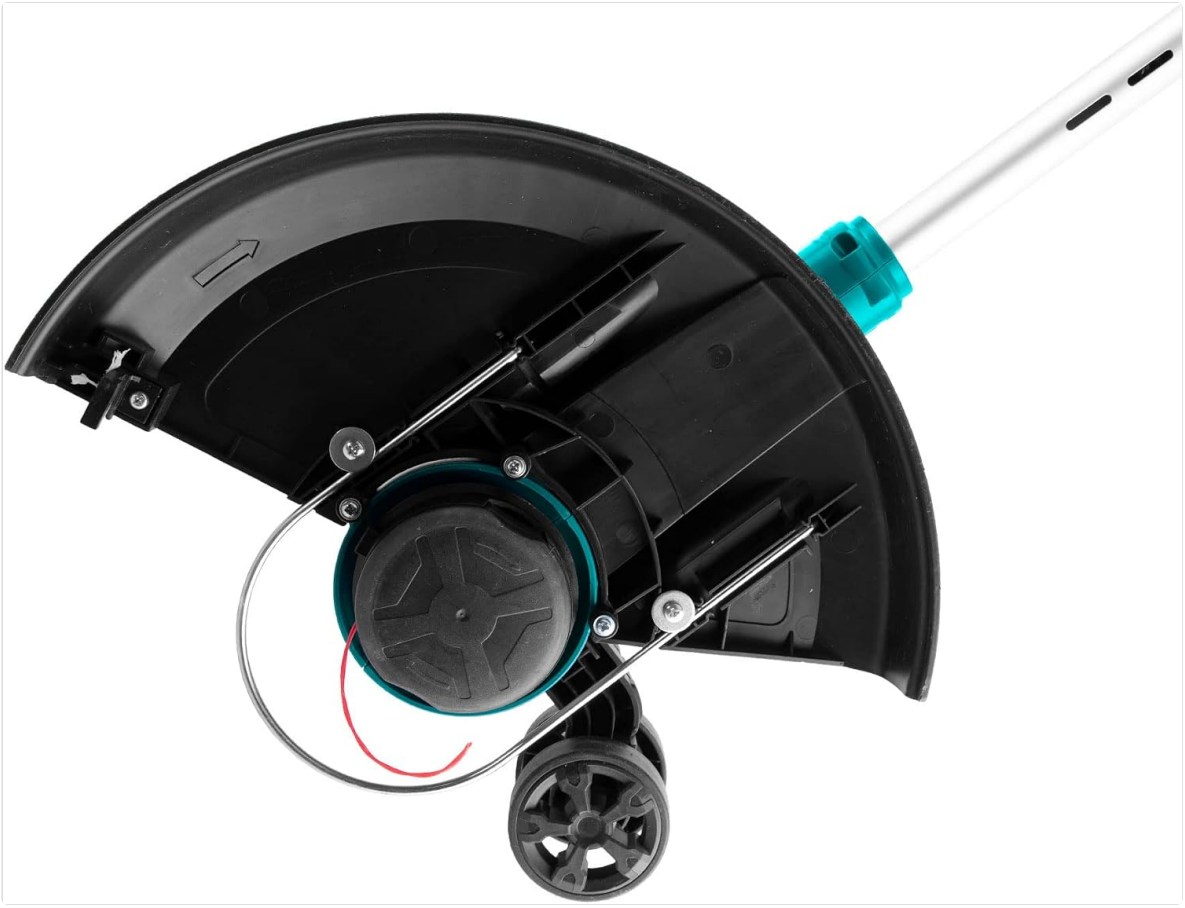


Figure 4.3: View of the cutting line spool and guard from above.



Figure 4.4: Illustration of the 180-degree adjustable auxiliary handle for improved ergonomics.



Figure 4.5: Illustration of the 90-degree pivoting head for versatile cutting angles and edging.

5. Setup and Assembly

Follow these steps to assemble your edge trimmer before first use:

1. **Attach the Protective Guard:** Align the guard with the slots on the trimmer head and secure it firmly with the provided screws. Ensure it is tightly fastened to prevent detachment during operation.
2. **Install the Auxiliary Handle:** Slide the auxiliary handle onto the main shaft. Adjust its position for comfortable operation and tighten the locking mechanism. The handle can be rotated 180 degrees for optimal grip.
3. **Insert the Battery:** Ensure the battery is fully charged. Slide the P20S battery pack into the battery slot on the tool handle until it clicks into place. Ensure it is securely seated.
4. **Adjust the Head Angle (Optional):** The trimmer head can pivot up to 90 degrees in 5 positions. Press the head adjustment button/lever and pivot the head to the desired angle for trimming or edging. Release the button to lock the head in place.

6. Operating Instructions

Once assembled and with a charged battery, your edge trimmer is ready for use.

1. **Starting the Trimmer:** Hold the trimmer firmly with both hands. Press and hold the safety lock-off button (if present) and then squeeze the trigger switch to start the motor. Release the safety button once the motor starts.

2. **Trimming Grass:** Hold the trimmer at a slight angle to the ground, allowing the cutting line to do the work. Move the trimmer in a sweeping motion from side to side. Avoid forcing the tool into thick vegetation.
3. **Edging:** For precise edging along sidewalks or driveways, pivot the trimmer head to the 90-degree position. Use the integrated wheel (if applicable) to guide the trimmer along the edge, maintaining a consistent depth.
4. **Stopping the Trimmer:** Release the trigger switch to stop the motor. The cutting line will stop rotating within a few seconds.
5. **Battery Removal:** After use, press the battery release button and slide the battery pack out of the tool.

7. Maintenance

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

- **Cleaning:** After each use, disconnect the battery and clean the trimmer. Use a soft brush or cloth to remove grass clippings, dirt, and debris from the guard, motor housing, and cutting head. Do not use water or solvents.
- **Cutting Line Replacement:** When the cutting line becomes too short or breaks, it needs to be replaced. Refer to the instructions on the spool or the product packaging for the correct line diameter (typically 1.6mm to 2.0mm) and winding method. Always use genuine TOTAL replacement line.
- **Storage:** Store the edge trimmer in a clean, dry place, away from direct sunlight and extreme temperatures. Ensure the battery is removed before storage.
- **Battery Care:** Store batteries in a cool, dry place. Do not store fully discharged batteries for extended periods. Charge them periodically if not in use.

8. Troubleshooting

This section addresses common issues you might encounter with your edge trimmer.

Problem	Possible Cause	Solution
Trimmer does not start	Battery not inserted correctly Battery discharged Safety lock-off not engaged Overload protection activated	Ensure battery is fully seated Charge the battery Press safety lock-off button before trigger Allow tool to cool down, remove obstruction
Cutting line does not feed	Line tangled or jammed Line too short Wrong line diameter	Remove battery, clear obstruction Replace cutting line spool Use recommended line diameter
Reduced cutting performance	Line worn or broken Battery low Cutting too much material at once	Replace cutting line Recharge battery Take smaller passes, do not overload

Problem	Possible Cause	Solution
Excessive vibration	Damaged cutting line or spool Loose components	Inspect and replace line/spool if damaged Check all fasteners and tighten if necessary

9. Technical Specifications

Specification	Value
Model Number	TGTLI20328
Brand	TOTAL
Power Source	Battery Powered (P20S 20V)
Motor Type	Brushless
No-Load Speed	8200 rpm
Cutting Diameter	300 mm
Product Dimensions (L x W x H)	105 x 13 x 13 cm
Item Weight	3.38 Kilograms
Handle Adjustment	180°
Head Positions	5 positions, up to 90° pivot

10. Warranty and Customer Support

TOTAL Tools products are manufactured to high-quality standards. For specific warranty information, please refer to the warranty card included with your purchase or contact your local TOTAL Tools distributor.

Spare Parts Availability: Spare parts for this product are available for 10 years from the date of purchase.

Customer Support: If you have any questions regarding the product's dimensions, weight, operation, or require technical assistance, please contact TOTAL Tools customer service. You may also reach out through the internal messaging service of the platform where you purchased the product.

For more information, visit the official TOTAL Tools website or contact your authorized dealer.

© 2023 TOTAL Tools. All rights reserved.