Makita DUR369AZ

Makita DUR369AZ Twin 18V (36V) Li-ion LXT Brushless Brush Cutter User Manual

Model: DUR369AZ

Introduction

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Makita DUR369AZ Twin 18V (36V) Li-ion LXT Brushless Brush Cutter. Please read this manual thoroughly before use and retain it for future reference.
The Makita DUR369AZ is a cordless, off-set handle bar type Brush Cutter, designed for efficient cutting tasks. It is powered by two 18V Li-ion LXT slide type batteries (not included) to energize its powerful 36V brushless motor.

Safety Information

Important Safety Instructions:

- Always wear appropriate protective clothing, including eye protection, when using this brush cutter.
- Be aware of potential flying debris and keep bystanders at a safe distance.
- Do not operate the trimmer in reverse rotation near people or animals to prevent injury.
- Always unplug the trimmer and allow the cutting head to stop completely before removing grass clippings or tangled weeds using the reverse rotation switch.
- Ensure the work area is clear of obstacles and hazards.
- Do not use the tool in wet conditions or in the presence of flammable liquids or gases.
- Keep hands and feet away from the cutting head.
- Store the tool in a secure place out of reach of children.

Product Features

- **Active Feedback Sensing Technology (AFT):** Automatically shuts down the brush cutter if the rotation speed suddenly slows down, protecting the user.
- **Automatic Torque Drive Technology (ADT):** Automatically changes the cutting speed according to the load

condition for optimal performance.

- **Electronic Current Limiter:** Provides overload protection for the motor.
- **Electric Brake:** Increases operator safety by quickly stopping the cutting head.
- **3 Speed Options:** Allows the user to match the speed (high, medium, low) to the application.
- **Reverse Rotation Switch:** Facilitates easy removal of grass clippings and tangled weeds.
- **Off-set Handle Design:** Ergonomically designed for comfortable operation.
- **Spindle:** M10 x 1.25 left.
- **Cutting Diameter:** 430mm.
- **Battery Compatibility:** Not compatible with G-Series batteries. Requires two 18V Li-ion LXT slide type batteries.

Components and Overview



Figure 1: Overall view of the Makita DUR369AZ Brush Cutter, showcasing its off-set handle design and cutting head.



Figure 2: Close-up of the control panel, showing the 3-speed options (1, 2, 3) and the reverse rotation switch for clearing tangled debris.



Figure 3: Internal view illustrating the powerful 36V brushless motor and the dual 18V battery compartments.

Setup

1. Assembly

The Makita DUR369AZ is designed for minimal assembly. Ensure all components are securely fastened before operation. Refer to the included assembly diagram for detailed steps if required.

2. Battery Installation

1. Ensure the brush cutter is turned off.
2. Insert two fully charged 18V Li-ion LXT slide type batteries into their respective compartments until they click into place.
3. Verify that the batteries are securely seated.

Note: This model is not compatible with G-Series batteries. Use only genuine Makita LXT batteries and chargers.

Operating Instructions

1. Pre-Operation Check

- Inspect the cutting head for any damage or wear.
- Check that all screws and fasteners are tight.
- Ensure the battery compartments are clean and free of debris.
- Confirm that the safety guard is properly installed.

2. Starting the Brush Cutter

1. With batteries installed, press the power button to turn on the tool.
2. Select the desired speed setting (1, 2, or 3) using the speed selector button.
3. Depress the trigger to start the cutting head rotation. The tool features a soft start for smooth operation.

3. Cutting Techniques

- Maintain a firm grip on the handles.
- Swing the brush cutter in a smooth, controlled motion.
- For dense vegetation, use a slower speed setting and allow the Automatic Torque Drive Technology (ADT) to adjust power as needed.
- To clear tangled grass or weeds from the cutting head, release the trigger, allow the head to stop, and then activate the reverse rotation switch.



Figure 4: User demonstrating proper handling and operation of the brush cutter in a garden setting, clearing grass along a path.



Figure 5: User operating the brush cutter in an area with denser vegetation, highlighting its capability for more challenging tasks.

Maintenance

1. Cleaning

- After each use, remove batteries and clean the tool thoroughly.
- Wipe down the housing with a damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Clear any grass, dirt, or debris from the cutting head and guard.

2. Storage

- Store the brush cutter in a cool, dry place, away from direct sunlight and moisture.
- Remove batteries before long-term storage.
- Keep out of reach of children and unauthorized persons.

3. Battery Care

- Charge batteries fully before storage and periodically during long storage periods to maintain battery health.
- Do not store batteries in extreme temperatures.
- The battery protection circuit is designed to prevent over-discharge, overheating, and over-load current.

Troubleshooting

Problem	Possible Cause	Solution
Tool does not start	Batteries not inserted correctly or discharged.	Ensure batteries are fully charged and properly seated.
Cutting head stops during operation	Overload (e.g., dense material), tangled debris, or AFT activation.	Reduce load, clear debris using reverse switch, or allow tool to cool.
Reduced cutting performance	Dull or damaged cutting head.	Replace or sharpen the cutting head as per manufacturer guidelines.
Unusual noise or vibration	Loose components or damaged cutting head.	Check all fasteners. Inspect and replace cutting head if damaged. If problem persists, contact service.

Specifications

Feature	Detail
Model Number	DUR369AZ
Power Source	Battery Powered (2 x 18V Li-ion LXT)
Motor Type	Brushless 36V
Max Speed	7,000 RPM
Cutting Width	430 mm
Spindle Thread	M10 x 1.25 Left
Item Weight	6.5 Kilograms (14.3 pounds)
Product Dimensions	72.68"L x 24.72"W
UPC	088381889896

Warranty and Support

The Makita DUR369AZ comes with a **1-year manufacturer warranty**. An additional **2 years of warranty** can be obtained by registering the product within 30 days of purchase.
Important Warranty Information:

- This guarantee does not apply where non-genuine or non-recommended parts or accessories are fitted to the tool.
- The use of non-genuine or incompatible batteries and chargers with Makita tools will invalidate the Makita guarantee for your tools.

For technical support, service, or warranty claims, please contact your authorized Makita service center or visit the official Makita website for contact information. You can also visit the Makita Store on Amazon for more information.

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