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Makita ELM3320

Makita ELM3320 Electric Lawn Mower User Manual

Model: ELM3320

INTRODUCTION

This manual provides essential instructions for the safe and efficient operation, assembly, and maintenance of your Makita ELM3320 Electric Lawn Mower. Please read this manual thoroughly before using the product to ensure proper handling and to prevent injury or damage.

IMPORTANT SAFETY INSTRUCTIONS

Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury when using electrical appliances. Keep this manual for future reference.

- **Read all instructions:** Familiarize yourself with the controls and proper use of the appliance.
- **Keep children away:** Never allow children or people unfamiliar with these instructions to use the lawn mower. Local regulations may restrict the age of the operator.
- **Clear the area:** Before mowing, clear the area of objects such as stones, sticks, wires, bones, and toys that could be thrown by the blade.
- **Wear appropriate attire:** Always wear substantial footwear and long trousers while operating the mower. Do not operate the equipment when barefoot or wearing open sandals.
- **Inspect the mower:** Before each use, check the power cord for damage. If damaged, have it replaced by a qualified service agent.
- **Avoid wet grass:** Do not use the mower in rain or on wet grass.
- **Maintain a safe distance:** Keep hands and feet away from the cutting blade.
- **Disconnect power:** Always disconnect the mower from the power supply before cleaning, adjusting, or if the cord is tangled or damaged.
- **Store safely:** Store the mower in a dry, secure place out of reach of children.

PACKAGE CONTENTS

Upon unpacking, ensure all items are present and undamaged. If any parts are missing or damaged, contact your dealer immediately.

- Makita ELM3320 Electric Lawn Mower Unit
- Grass Collection Box (30L capacity)
- Handle Assembly
- User Manual (this document)

SETUP AND ASSEMBLY

The Makita ELM3320 is designed for easy assembly. Follow these steps to prepare your lawn mower for use.

1. **Unpack the Mower:** Carefully remove all components from the packaging.
2. **Assemble the Handle:** Attach the lower handle to the mower body using the provided fasteners. Then, attach the upper handle section, ensuring the soft-grip handle is correctly positioned. The handle height can be adjusted to 3 levels for user comfort.
3. **Attach the Grass Box:** Secure the 30L grass collection box to the rear of the mower. Ensure it is firmly seated to prevent grass clippings from escaping.



Figure 1: Fully assembled Makita ELM3320 Electric Lawn Mower, ready for use.

Description: This image displays the Makita ELM3320 Electric Lawn Mower from a front-side angle. The mower features a teal and black body, with a black grass collection box attached at the rear. The adjustable handle is extended upwards, showing the power cord and control switches. The wheels are visible, indicating a walk-behind design. The overall appearance is compact and robust.

OPERATING INSTRUCTIONS

Follow these guidelines for safe and effective lawn mowing.

- 1. Adjust Cutting Height:** The mower offers 3 cutting height positions (20 mm to 55 mm). Use the D-shaped cutting lever for quick, single-handed adjustments. Select a higher setting for longer grass and gradually reduce it for desired results.
- 2. Connect Power:** Plug the mower into a suitable power outlet. Ensure the power cord is routed safely to avoid accidental cutting.
- 3. Starting the Mower:** Press and hold the safety button, then pull the switch lever towards the handle to start the motor. Release the safety button once the motor is running.
- 4. Mowing Technique:** Push the mower at a steady pace. For best results, mow in overlapping rows. The smooth front deck design helps reduce resistance in longer grass, and the edge trimming guide assists in neat cuts along obstacles.
- 5. Grass Box Indicator:** Monitor the grass level indicator on the 30L grass collection box. Empty the box when the indicator shows it is full to maintain optimal grass collection performance.
- 6. Stopping the Mower:** Release the switch lever to stop the motor. Always disconnect the power supply after use.



Figure 2: A user operating the Makita ELM3320 Electric Lawn Mower on a well-maintained lawn.

Description: This image shows a person from the waist down, wearing work trousers and gloves, pushing the Makita ELM3320 Electric Lawn Mower across a lush green lawn. The mower is actively cutting grass, and the power cord is visible trailing behind. The grass collection box is attached, and the user's hands are on the soft-grip handle, demonstrating the mower in active use.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your lawn mower.

- **Cleaning:** After each use, disconnect the power supply and clean the mower deck, blade area, and grass box. Use a damp cloth; do not use water jets or harsh chemicals.
- **Blade Inspection:** Periodically check the cutting blade for sharpness and damage. A dull or damaged blade can affect cutting performance and mower balance. Replace if necessary.
- **Storage:** The mower features a foldable handle for compact storage. Store the mower upright in a dry, secure location, away from direct sunlight and moisture.



Figure 3: The Makita ELM3320 Electric Lawn Mower with its handle folded, demonstrating its compact storage capability.

Description: This image shows the Makita ELM3320 Electric Lawn Mower from a side view. The handle is folded down over the main body of the mower, highlighting its compact design for storage. The grass collection box is not attached, further emphasizing its reduced footprint when stored. The teal and black color scheme is visible, along with the wheels.



Figure 4: Side view of the Makita ELM3320 Electric Lawn Mower with the grass collection box attached.

Description: This image presents a side view of the Makita ELM3320 Electric Lawn Mower. The large black grass collection box is prominently attached at the rear. The handle is extended upwards, showing the control panel. The mower's teal body and wheels are clearly visible, illustrating its overall design and the integration of the grass box.

TROUBLESHOOTING

Refer to this section for solutions to common issues you might encounter.

Problem	Possible Cause	Solution
Mower does not start	No power supply; Safety switch not engaged; Power cord damaged.	Check power connection; Ensure safety button and switch lever are correctly operated; Inspect power cord for damage and replace if necessary.
Poor cutting performance	Dull or damaged blade; Cutting height too low for grass length; Grass box full.	Inspect and sharpen/replace blade; Adjust cutting height; Empty grass box.

Problem	Possible Cause	Solution
Excessive vibration	Damaged or unbalanced blade; Loose components.	Inspect blade for damage and balance; Check all fasteners for tightness.
Grass not collecting properly	Grass box full; Clogged chute; Wet grass.	Empty grass box; Clear any blockages; Avoid mowing wet grass.

SPECIFICATIONS

Technical details for the Makita ELM3320 Electric Lawn Mower.

- **Model:** ELM3320
- **Power Source:** Corded Electric
- **Motor:** 1200W
- **No-load Speed:** 3,400 RPM
- **Cutting Width:** 33 cm (13 inches)
- **Cutting Height Adjustment:** 3 positions (20 mm - 55 mm)
- **Grass Box Capacity:** 30 Liters
- **Recommended Lawn Area:** Up to 400 m²
- **Item Weight:** 10.2 kg (22.5 lbs) / 12.6 kg (shipping weight)
- **Product Dimensions:** 123D x 38W x 111H Centimeters
- **Material:** Aluminium, Plastic
- **Sound Pressure Level:** 83 dB(A)
- **Vibration Level:** 2.5 m/s² or less
- **UPC:** 088381859103

WARRANTY AND SUPPORT

Makita products are manufactured to high standards and undergo rigorous quality control. For warranty information, service, or technical support, please refer to the warranty card included with your purchase or visit the official Makita website. Keep your proof of purchase for warranty claims.

For further assistance, please contact Makita customer service.

