

Mellif MFSS03-12

Mellif Cordless Snow Shovel MFSS03-12 Instruction Manual

Model: MFSS03-12

INTRODUCTION

Thank you for choosing the Mellif Cordless Snow Shovel. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new snow shovel. Please read these instructions thoroughly before initial use and retain them for future reference.



Image: Mellif Cordless Snow Shovel, showing the main unit, handle, and included battery and charger.

IMPORTANT SAFETY INFORMATION

WARNING: To reduce the risk of injury, read and understand all instructions before using this product.

- Always keep hands and feet away from rotating parts.
- Wear appropriate safety gear, including gloves and eye protection, during operation.
- Allow the machine to cool completely before storing.
- Always follow battery handling and storage instructions provided by the manufacturer to prevent hazards.
- Ensure the dual safety switch is engaged before operating the unit.
- Do not use on gravel surfaces, as this may damage the unit or throw debris.

PACKAGE CONTENTS

Your Mellif Cordless Snow Shovel package includes the following components:

- Cordless Snow Shovel Unit (MFSS03-12)
- Adjustable Handle Assembly
- 4.0Ah Lithium-Ion Battery (Compatible with Makita 18V systems)
- Fast Charger
- Instruction Manual



Image: Close-up of the snow shovel's handle and battery compartment, highlighting the ergonomic design and battery compatibility.

SETUP INSTRUCTIONS

Follow these steps to assemble your Mellif Cordless Snow Shovel:

1. **Attach the Handle:** Align the main handle section with the shaft of the snow shovel unit. Push firmly until it clicks into place.
2. **Adjust Auxiliary Handle:** Loosen the adjustment knob on the auxiliary handle. Slide the handle to a comfortable position for your height and grip. Tighten the knob securely.
3. **Insert Battery:** Ensure the battery is fully charged. Slide the 4.0Ah lithium-ion battery into the battery slot on the main handle until it locks securely.

Charging the Battery:

- Connect the fast charger to a standard power outlet.
- Slide the battery onto the charger. The indicator lights on the charger will show the charging status.
- A full charge typically takes approximately 1 hour.

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Video: Official Mellif video demonstrating the battery-powered snow shovel, including battery and charger. This video shows the product's components and how the battery is inserted.

OPERATING INSTRUCTIONS

The Mellif Cordless Snow Shovel is designed for efficient snow clearing on various surfaces.

1. **Starting the Unit:** To start the snow shovel, press and hold the dual safety switch (located on the handle) with one hand, then squeeze the main trigger with the other hand. Release the safety switch once the unit is running.
2. **Adjusting Snow Discharge:** The chute can be adjusted 60° (left, right, or straight) to control the snow throwing direction. Use the red lever on the main unit to change the angle.
3. **Clearing Snow:** Push the snow shovel forward at a steady pace. The 12-inch clearing width and 6-inch clearing depth are ideal for residential driveways, sidewalks, and patios. The brushless motor provides up to 2,400 RPM for effective clearing.
4. **Throwing Distance:** The unit can throw snow up to 17 feet, allowing you to clear snow away from your path efficiently.
5. **Stopping the Unit:** Release the main trigger to stop the snow shovel.

30%

Brushless Motor

Longer Runtime



Work longer with less fatigue-Reduce working hours by 25%



Image: The brushless motor of the snow shovel in action, demonstrating its power in clearing snow.



Image: Visual representation of the snow shovel's 12-inch clearing width and 6-inch clearing depth for efficient snow removal.

17ft

Throws up to
Aim snow where you want



Adjustable Snow Discharge Direction $\pm 30^\circ$



Image: The snow shovel in operation, demonstrating its capability to throw snow up to 17 feet away.

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Video: Official Mellif video showcasing the brushless 12-inch snow blower compatible with Makita 18v batteries, highlighting its operational features.

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Video: Official Mellif video demonstrating the brushless snow blower's compatibility with Makita 18v batteries and its snow-clearing capabilities.

MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your snow shovel.

- **Cleaning:** After each use, remove any snow, ice, or debris from the unit, especially around the auger and chute. Use a damp cloth for cleaning. Do not use harsh chemicals.
- **Battery Care:** Store the battery in a cool, dry place away from direct sunlight and extreme temperatures. Do not store the battery in the snow shovel for extended periods.
- **Storage:** The detachable design allows for simple storage. Disassemble the handle and store the components in a dry, protected area.

7.9^(Tool Only)
lbs

Lightweight & easy one-hand use
Detachable Design for Easy Store



Adjustable joints - suitable for both the elderly and children



Image: The snow shovel shown in its disassembled state, illustrating its lightweight and detachable design for easy storage.

TROUBLESHOOTING

If you encounter issues with your Mellif Cordless Snow Shovel, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not start	Battery not charged or improperly inserted; Safety switch not engaged; Trigger not pressed.	Ensure battery is fully charged and securely inserted. Press the dual safety switch before squeezing the trigger.
Reduced snow clearing performance	Low battery charge; Heavy, wet snow exceeding capacity; Debris obstructing auger.	Recharge battery. For heavy snow, take smaller passes. Clear any obstructions from the auger (ensure unit is off and battery removed).
Snow not throwing far enough	Chute angle incorrect; Wet, heavy snow.	Adjust the chute to a higher angle. For wet snow, the throwing distance may naturally be reduced.

PRODUCT SPECIFICATIONS

- **Brand:** Mellif
- **Model Number:** MFSS03-12
- **Power Source:** Battery Powered (Compatible with Makita 18V)
- **Battery:** 1 Lithium Ion 4.0Ah (included)
- **Motor Type:** Brushless
- **Voltage:** 18 Volts
- **Max RPM:** Up to 2,400 RPM
- **Clearing Width:** 12 Inches
- **Ideal Snow Depth:** 6 Inches
- **Throwing Distance:** Up to 17 Feet
- **Adjustable Chute:** 60° (Left, Right, Straight)
- **Item Weight (without battery):** 7.9 lbs
- **Product Dimensions:** 16"D x 11.8"W x 32"H
- **Operating Temperature:** Down to -20°C (-4°F)
- **UPC:** 739608070541

WARRANTY AND SUPPORT

The Mellif Cordless Snow Shovel (MFSS03-12) comes with a **5-Year Warranty** for long-term peace of mind. For warranty claims, technical support, or replacement parts, please contact Mellif customer service through their official website or the retailer where the product was purchased. Please have your model number (MFSS03-12) and proof of purchase available when contacting support.