

Mellif 13 Inch Snow Shovel

Mellif Cordless Snow Shovel for Makita 18V Battery

Model: 13 Inch Snow Shovel

INTRODUCTION

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

SAFETY INSTRUCTIONS

Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury when using this product.

- **Read the entire manual:** Understand all instructions and warnings before operating the snow shovel.
- **Wear appropriate safety gear:** Always wear safety glasses, hearing protection, and sturdy footwear. Avoid loose clothing that could get caught in moving parts.
- **Keep bystanders away:** Ensure children, pets, and other people are at a safe distance from the operating area.
- **Inspect the area:** Before starting, clear the area of any objects (rocks, toys, wires) that could be thrown by the auger.
- **Use in daylight or good artificial light:** Ensure adequate visibility.
- **Do not overreach:** Maintain proper footing and balance at all times.
- **Avoid accidental starting:** Ensure the switch is in the OFF position before inserting the battery pack.
- **Remove battery when not in use:** Always remove the battery pack when making adjustments, changing accessories, or storing the tool.
- **Use only specified battery packs:** This tool is designed for Makita 18V batteries. Using other batteries may create a risk of injury and fire.
- **Maintain the tool:** Keep all fasteners tight. Check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the tool's operation.
- **Do not operate in explosive atmospheres:** Do not use the tool in the presence of flammable liquids, gases, or dust.

PRODUCT OVERVIEW AND COMPONENTS

Familiarize yourself with the parts of your Mellif Cordless Snow Shovel before assembly and operation.



36V Akku Schneefräse

Image Description: A detailed diagram labeling the various components of the Mellif Cordless Snow Shovel. Key parts include the battery slot, soft grip, safety button, trigger switch, auxiliary handle, screw sleeve, shaft, adjustable discharge direction mechanism, blades (lamellae), auger, and scraper blade.

1. **Battery Slot:** Receptacle for Makita 18V batteries.
2. **Softgrip:** Ergonomic handle for comfortable operation.
3. **Safety Button:** Must be pressed before engaging the trigger switch.
4. **Trigger Switch:** Activates the snow shovel.
5. **Auxiliary Handle:** Provides additional grip and control.
6. **Screw Sleeve:** Secures the shaft components.
7. **Shaft:** Connects the handle assembly to the auger housing.
8. **Adjustable Discharge Direction:** Lever to change the snow throwing direction.
9. **Blades (Lamellae):** Internal components that help propel snow.
10. **Auger:** The rotating component that collects and throws snow.
11. **Scraper Blade:** Located at the bottom front, helps clear snow down to the surface.

SETUP AND ASSEMBLY

Follow these steps to assemble your snow shovel before first use.

1. Handle Assembly:

Connect the upper and lower shaft sections. Ensure they are securely fastened using the provided screw sleeve or locking mechanism. Adjust the auxiliary handle to a comfortable working position and tighten it.

2. Battery Installation:

This snow shovel requires two Makita 18V batteries for operation (batteries not included). Ensure the batteries are fully charged before installation.

- Align the battery pack with the battery slot on the tool.
- Slide the battery pack into the slot until it clicks into place. Ensure it is firmly seated.
- To remove, press the battery release button and pull the battery pack out.

AKKU SCHNEEFRÄSE

PASST FÜR MAKITA/MELLIF AKKU 18V

Batterie NICHT enthält



BL1850B BL1830B BL1860B BL1820B

Benötigen Sie zwei Batterien zur Stromversorgung

Image Description: An illustration demonstrating the compatibility of the Mellif Cordless Snow Shovel with various Makita 18V battery models (BL1850B, BL1830B, BL1860B, BL1820B). It emphasizes that two batteries are required for power and are not included with the product.

OPERATING INSTRUCTIONS

Follow these steps for safe and effective snow removal.

1. Starting the Snow Shovel:

- Ensure batteries are installed and fully charged.
- Press and hold the safety button.
- While holding the safety button, squeeze the trigger switch to start the motor. Release the safety button once the motor starts.
- To stop the snow shovel, release the trigger switch.



Image Description: A close-up image showing a gloved hand pressing the safety button and squeezing the trigger switch on the handle of the snow shovel, illustrating the starting procedure.

2. Clearing Snow:

Push the snow shovel forward into the snow. The auger will rotate, collecting and throwing the snow. Work in overlapping passes for thorough clearing.



Image Description: The Mellif Cordless Snow Shovel in action, actively throwing snow to the side, demonstrating its snow clearing capability.

3. Adjusting Snow Discharge Direction:

Use the lever on the auger housing to adjust the direction of the snow discharge. This allows you to direct snow away from cleared areas or obstacles. The discharge direction can be adjusted up to 30 degrees to the left or right.



Image Description: A diagram illustrating the adjustable snow discharge chute, showing a range of motion from -30 to +30 degrees, allowing the user to control where the snow is thrown.

4. Optimal Clearing:

The snow shovel is designed for a clearing width of 13.2 inches (33.5 cm) and a clearing depth of up to 8 inches (20 cm). For deeper snow, it may be necessary to make multiple passes or reduce the forward speed.



Image Description: A diagram highlighting the operational dimensions of the snow shovel, indicating an 8-inch clearing depth and a 13.2-inch clearing width.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your snow shovel.

- **Cleaning:** After each use, remove the battery packs and clean the snow shovel. Use a damp cloth to wipe down the exterior. Remove any snow, ice, or debris from the auger housing and discharge chute. Do not use harsh chemicals or abrasive cleaners.
- **Inspection:** Regularly inspect the auger blades and scraper blade for wear or damage. Check all screws and fasteners for tightness. Replace any worn or damaged parts immediately.
- **Storage:** Store the snow shovel in a dry, secure location away from children and pets. Remove the battery packs before long-term storage. The compact design and 6 kg weight allow for easy storage.

TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Snow shovel does not start.	<ul style="list-style-type: none">• Batteries not installed correctly.• Batteries are discharged.• Safety button not pressed before trigger.	<ul style="list-style-type: none">• Ensure both batteries are fully seated and clicked into place.• Charge batteries fully.• Press and hold the safety button, then squeeze the trigger.
Reduced snow throwing distance.	<ul style="list-style-type: none">• Discharge chute clogged.• Wet, heavy snow.• Low battery charge.	<ul style="list-style-type: none">• WARNING: Remove batteries before clearing clogs. Clear any obstructions from the chute.• Reduce forward speed; take smaller passes.• Charge batteries.
Excessive vibration or noise.	<ul style="list-style-type: none">• Loose fasteners.• Damaged auger or scraper blade.• Object caught in auger.	<ul style="list-style-type: none">• Tighten all screws and bolts.• Inspect and replace damaged parts.• WARNING: Remove batteries before clearing clogs. Clear any obstructions.

SPECIFICATIONS

Model:	13 Inch Snow Shovel
Brand:	Mellif (WITLIGHT)
Power Source:	Battery Powered (Requires 2x Makita 18V batteries, not included)
Voltage:	18 Volts (per battery)
Motor Type:	Electric, Brushless
Clearing Width:	13.2 inches (33.5 cm)
Clearing Depth:	Up to 8 inches (20 cm)
Max Throw Distance:	26.5 feet (8 meters)
Product Dimensions (L x W x H):	49 x 31.5 x 41 cm
Item Weight:	6 Kilograms (approx. 13.2 lbs)
Adjustable Chute:	Yes, +/- 30 degrees

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation included with your purchase or contact Mellif customer service. Keep your proof of purchase for warranty claims.

Note: Information regarding spare parts availability is currently unavailable.

