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## Mellif MFCX-CS023

# Mellif Cordless 6-Inch Chainsaw Instruction Manual

Model: MFCX-CS023

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## 1. SAFETY INSTRUCTIONS

Always prioritize safety when operating the Mellif Cordless Chainsaw. Failure to follow these instructions may result in serious injury or death.

- **Personal Protective Equipment (PPE):** Always wear safety glasses or goggles, hearing protection, gloves, and sturdy footwear. Consider a hard hat and leg protection (chaps) for extensive use.
- **Work Area:** Ensure the work area is clear of bystanders, children, and pets. Maintain a safe distance from other people and objects.
- **Inspect Before Use:** Before each use, inspect the chainsaw for any damage, loose parts, or dull chain. Ensure the chain is properly tensioned and lubricated.
- **Battery Safety:** Use only Mellif or compatible Makita 18V batteries and chargers. Do not expose batteries to water, heat, or direct sunlight.
- **Secure Grip:** Always hold the chainsaw firmly with both hands during operation.
- **Avoid Kickback:** Be aware of the kickback danger zone. Avoid cutting with the tip of the guide bar.
- **Proper Cutting Technique:** Plan your cuts. Do not overreach. Ensure stable footing.
- **Emergency Stop:** Familiarize yourself with the location of the safety lock and trigger to quickly stop the chainsaw in an emergency.
- **Storage:** Store the chainsaw in a dry, secure place, out of reach of children, with the battery removed.

## 2. PRODUCT OVERVIEW

The Mellif Cordless 6-inch Chainsaw is a compact and powerful tool designed for pruning and cutting small to medium-sized branches. It features a brushless motor for efficiency and an automatic oiler for continuous chain lubrication.

## 2.1 Components

- Chainsaw Body
- Guide Bar
- Saw Chain
- Safety Guard
- Handle
- Trigger Switch
- Safety Lock Button
- Oil Tank Cap
- Battery Compartment
- Battery (18V 4.0Ah)
- Charger

## 2.2 Key Features

- **Brushless Motor:** Provides efficient power, extended runtime, and longer motor life.
- **Automatic Oiler:** Ensures continuous lubrication of the chain during operation, reducing friction and wear.
- **Security Lock:** Prevents accidental starts, enhancing user safety.
- **Lightweight Design:** Weighs approximately 2 pounds (without battery), allowing for comfortable one-handed operation.
- **Battery Compatibility:** Designed to be compatible with Mellif and Makita 18V batteries.

# MELLIF 6 INCH CHAINSAW FOR MAKITA 18V/ MELLIF 18V BATTERY



Image: The Mellif 6-inch cordless chainsaw with an 18V battery installed, ready for use. This image shows the compact size and ergonomic design of the tool.

## 3. SETUP

### 3.1 Battery Charging and Installation

1. **Charge Battery:** Connect the charger to a power outlet and insert the 4.0Ah Mellif battery. Allow the battery to fully charge before first use. The LED indicator on the battery will show charging status.
2. **Install Battery:** Align the battery with the battery compartment on the chainsaw handle. Slide the battery into place until it clicks securely.
3. **Remove Battery:** Press the battery release button (if present) and slide the battery out of the compartment.



**Mellif**

# 6" BRUSHLESS MINI CHAINSAW

COMPATIBLE WITH MAITA / MELLIF 18V BATTERY

1 X 18V 4.0AH BATTERY & CHARGER



**550W**  
Brushless Motor  
High-Efficient Cutting



**2.2 lbs**  
Lightweight  
& Compact



**6 Inch**  
Bar Guide  
Length



**18V 4.0Ah**  
Battery



Image: A hand demonstrating the proper method for inserting the 18V battery into the base of the Mellif cordless chainsaw, ensuring a secure connection.

# STRONG POWER SUPPLY FOR YOUR VARIOUS PRUNING TASKS



18V 4.0AH



LED BATTERY INDICATOR



FAST CHARGE



OVERHEAT PROTECTION



Image: The Mellif 18V 4.0Ah battery and its dedicated charger, illustrating the power components included with the chainsaw.

## 3.2 Chain Installation and Tension Adjustment

The chainsaw typically comes with one chain pre-installed. If you need to install or replace a chain:

1. **Loosen Cover:** Loosen the cover locking nut counter-clockwise and remove the protective cover.
2. **Install Chain:** Carefully place the saw chain around the guide bar and the drive sprocket. Ensure the cutting edges of the chain teeth are facing the correct direction (refer to diagram or markings on the chain/bar).
3. **Replace Cover:** Reinstall the protective cover and tighten the cover locking nut.
4. **Adjust Tension:** Use the chain adjustment screw (usually located on the side) to adjust the chain tension. The chain should be snug against the guide bar but still able to be pulled freely by hand. A properly tensioned chain will not sag on the underside of the guide bar.

# 26FT/S HIGH CHAIN SPEED



Image: A detailed view of the chainsaw chain and guide bar, highlighting the sharp teeth and the mechanism for chain movement. This illustrates the components involved in cutting.

## 3.3 Adding Chain Oil (Auto-Oiler)

The Mellif chainsaw features an automatic oiler system. It is crucial to fill the oil tank before each use to ensure proper lubrication and extend the life of the chain and bar.

1. **Locate Oil Tank:** Identify the oil tank cap, typically located on the top or side of the chainsaw body.
2. **Fill Tank:** Unscrew the oil tank cap and carefully pour appropriate chain lubricant (bar and chain oil) into the tank. Do not overfill.
3. **Secure Cap:** Replace the oil tank cap securely to prevent leaks.
4. **Prime Oiler (Optional):** Some auto-oiler systems may require a brief run to prime. Consult the specific instructions if the chain appears dry after initial use.

# INSTALL THE CHAIN WITHOUT ANY TOOLS



Loosen the cover locking nut counterclockwise.



take out the protective cover.



Install the chain to the guide plate,  
please pay attention to the chain teeth.



Install the protective cover and  
tighten the cover locking nut.

Image: A hand pouring chain lubricant into the transparent oil tank of the chainsaw, demonstrating the process for ensuring the automatic oiler system is ready for operation.

## 4. OPERATING INSTRUCTIONS

Before operating, ensure you have read and understood all safety instructions and completed the setup steps.

### 4.1 Starting and Stopping the Chainsaw

#### 1. Starting:

- Ensure the battery is fully charged and installed.
- Press and hold the safety lock button (usually located on the side of the handle).
- While holding the safety lock, squeeze the trigger switch to start the chain.

#### 2. Stopping:

- Release the trigger switch. The chain will stop immediately.
- For extended breaks or storage, remove the battery.

### 4.2 Basic Cutting Techniques

- **Secure Workpiece:** Always ensure the branch or wood you are cutting is stable and supported.
- **Maintain Grip:** Hold the chainsaw firmly with both hands.
- **Start Slowly:** Begin the cut with the chain at full speed, gently resting the bottom of the guide bar against the wood.
- **Even Pressure:** Apply steady, even pressure. Do not force the chainsaw through the wood. Let the chain do the work.
- **Avoid Kickback:** Never cut with the tip of the guide bar. Be aware of branches under tension that may spring back.
- **Clear Debris:** Periodically clear sawdust and wood chips from the cutting area.

Your browser does not support the video tag.

Video: This video demonstrates the Mellif 6-inch chainsaw in action, showing its cutting capability on various wood pieces. It illustrates the ease of use and the saw's performance during typical pruning tasks.

## 5. MAINTENANCE

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Regular maintenance ensures the longevity and safe operation of your chainsaw. Always remove the battery before performing any maintenance.

### 5.1 Chain Lubrication

- The automatic oiler system continuously lubricates the chain. Regularly check the oil level in the tank and refill as needed with quality bar and chain oil.
- A dry chain can cause excessive wear to both the chain and guide bar, and can lead to overheating.

### 5.2 Chain Sharpening and Replacement

- A sharp chain is essential for safe and efficient cutting. If the chainsaw is cutting slowly, producing fine dust instead of chips, or pulling to one side, the chain likely needs sharpening.
- Refer to a specialized guide or professional service for proper chain sharpening techniques.
- Replace the chain if it is damaged, excessively worn, or cannot be sharpened effectively. Use only recommended replacement chains.

### 5.3 Cleaning and Storage

- After each use, clean the chainsaw body, guide bar, and chain to remove sawdust, sap, and debris. Use a brush or compressed air.
- Ensure the guide bar groove is clear of debris.
- Store the chainsaw in a dry, secure location, out of reach of children. Remove the battery before storage.
- If storing for an extended period, consider draining the chain oil to prevent leaks, as some oilers may leak when stored horizontally.

## 6. TROUBLESHOOTING

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This section addresses common issues you might encounter with your Mellif Cordless Chainsaw.

Problem	Possible Cause	Solution
Chainsaw does not start.	Battery not installed correctly. Battery discharged. Safety lock not engaged. Overload protection activated.	Ensure battery is fully seated and clicked into place. Charge the battery. Press and hold the safety lock button before squeezing the trigger. Allow the tool to cool down, then try again.

Problem	Possible Cause	Solution
Chain is not cutting efficiently or is binding.	Dull chain. Improper chain tension. Lack of chain lubrication. Debris in guide bar groove.	Sharpen or replace the chain. Adjust chain tension as per setup instructions. Refill oil tank and ensure auto-oiler is functioning. Clean the guide bar groove.
Chain oil is leaking.	Oil tank cap not secured. Chainsaw stored horizontally with oil.	Ensure oil tank cap is tightly closed. Store the chainsaw vertically or drain oil for extended storage.

## 7. SPECIFICATIONS

Feature	Detail
Model Number	MFCX-CS023
Brand	Mellif
Guide Bar Length	6 inches
Motor Type	Brushless
Power Source	Battery Powered (18V DC)
Battery Type	Lithium Ion (Compatible with Mellif/Makita 18V)
Battery Capacity	4.0 Ah (included)
Wattage	550 Watts
Horsepower	880 Watts
Blade Material	Steel
Product Dimensions (L x W x H)	16" x 6" x 7"
Item Weight (without battery)	Approximately 2 lbs (0.9 kg)
Item Weight (with battery)	4.82 pounds (2.19 kg)
Special Features	Brushless Motor, Auto-Oiler, Security Lock

## 8. WARRANTY AND SUPPORT

### 8.1 Limited Warranty

The Mellif Cordless 6-inch Chainsaw is covered by a limited warranty. Please refer to the warranty card included in your

product packaging for specific terms, conditions, and duration of coverage. This warranty typically covers defects in materials and workmanship under normal use.

Keep your purchase receipt as proof of purchase for any warranty claims.

## 8.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact Mellif Customer Support.

- **Website:** [www.mellif.com](http://www.mellif.com) (placeholder, actual website not provided)
- **Email:** [support@mellif.com](mailto:support@mellif.com) (placeholder, actual email not provided)
- **Phone:** 1-800-XXX-XXXX (placeholder, actual phone number not provided)

Please have your model number (MFCX-CS023) and purchase date available when contacting support.

