

MAXLANDER ML-PS11

MAXLANDER 2-in-1 Cordless Pole Saw & Mini Chainsaw (Model ML-PS11) Instruction Manual

INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your MAXLANDER 2-in-1 Cordless Pole Saw and Mini Chainsaw. Please read this manual thoroughly before first use and keep it for future reference.

IMPORTANT SAFETY INFORMATION

WARNING: Read all safety warnings, instructions, illustrations, and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious injury.

General Safety Rules

- Always wear appropriate personal protective equipment (PPE), including safety goggles, gloves, hearing protection, and sturdy footwear.
- Ensure the work area is clear of bystanders, children, and pets.
- Do not operate the tool in wet conditions or in the presence of flammable liquids or gases.
- Keep hands and feet away from the cutting chain.
- Always remove the battery pack before making any adjustments, changing accessories, or storing the tool.
- Use both hands to operate the tool. Maintain a firm grip.
- Avoid accidental starting. Ensure the switch is in the off-position before inserting the battery pack.
- Do not overreach. Maintain proper footing and balance at all times.
- Inspect the tool for damage before each use. Do not use if damaged.

Specific Safety Features

- **Double Safety Locks:** This electric pole chainsaw is equipped with double safety locks to prevent accidental starting. Ensure both locks are engaged before operation.
- **Grip Stopper:** A stopper is designed at the grip for enhanced control and safety.

- **Included Protective Gear:** Gloves and goggles are provided to protect against splashing wood chips. Always use them during operation.

PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any parts are missing or damaged, contact customer service.

- 6-inch Mini Chainsaw Unit
- Extension Pole (telescopic, extends from 5ft to 9ft)
- 2 x 20V Lithium-Ion Batteries
- Battery Charger
- 2 x Chains
- Gloves
- Safety Goggles
- User Manual
- Tool Kit (for assembly/maintenance)



Image: Overview of the MAXLANDER 2-in-1 Cordless Pole Saw and Mini Chainsaw, showing both configurations.

PRODUCT OVERVIEW

Familiarize yourself with the main components of your MAXLANDER 2-in-1 tool.

1. **Mini Chainsaw Head:** The primary cutting unit with a 6-inch bar and chain.
2. **Adjustable Head Mechanism:** Allows the chainsaw head to rotate 135° for various cutting angles.
3. **Motor Housing:** Contains the powerful copper motor.
4. **Handle/Grip:** Ergonomic handle with safety features.
5. **Battery Compartment:** For inserting the 20V Lithium-Ion battery.
6. **Extension Pole:** Telescopic pole for extended reach, converting the mini chainsaw into a pole saw.
7. **Auto Oiler System:** Integrated oil tank for automatic chain lubrication.
8. **Chain Guard:** Protective cover for the chain.

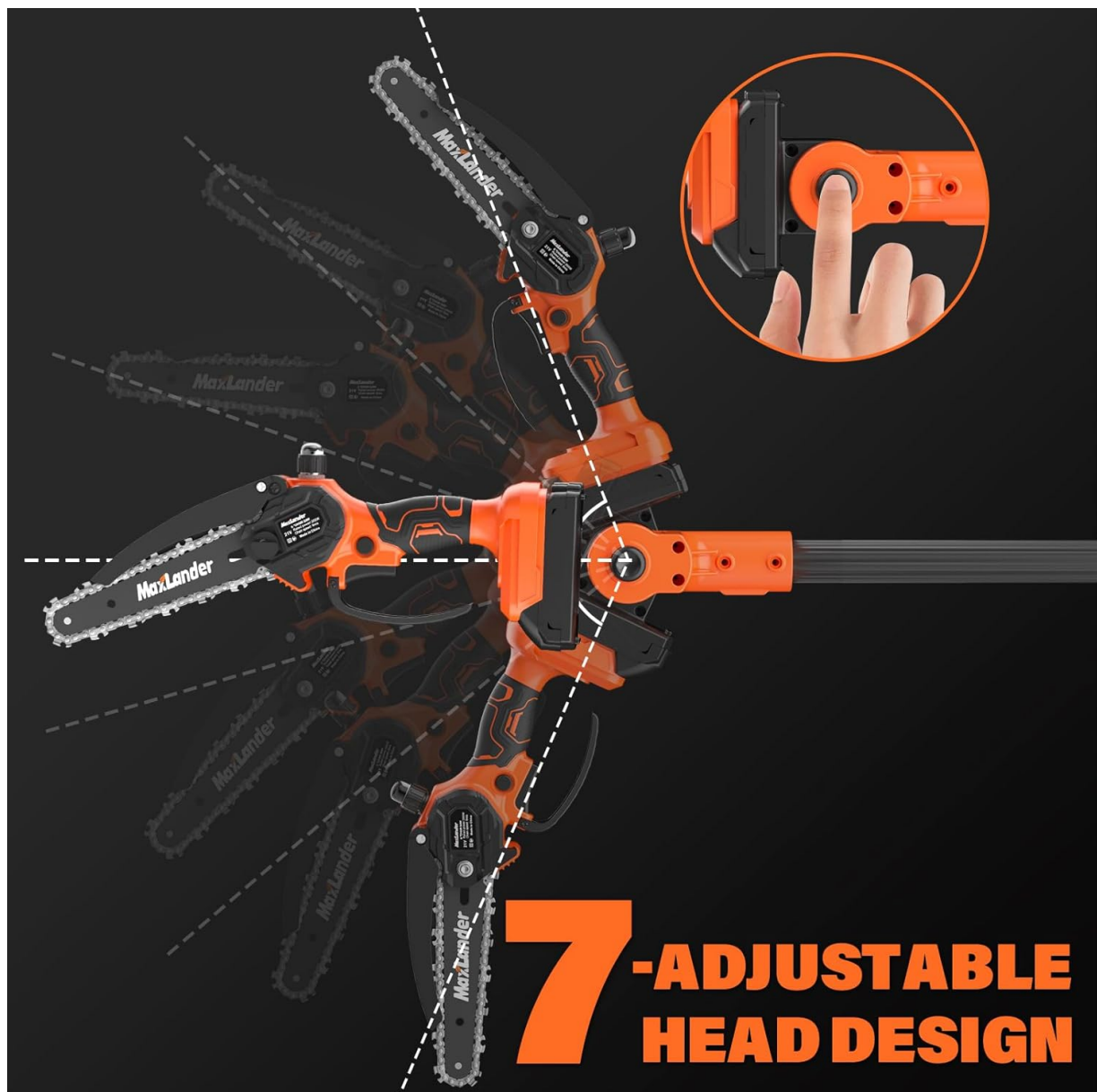


Image: Illustration of the 7-position adjustable head design, demonstrating its flexibility for multi-angle trimming.



Image: Close-up view of the high-power pure copper motor, highlighting its internal components and features like long working time, overheat protection, high efficiency speed, and low noise level.

SETUP INSTRUCTIONS

1. Battery Charging

Before first use, fully charge both 20V Lithium-Ion batteries using the provided charger. Insert the battery into the charger, ensuring proper alignment. The indicator light on the charger will show the charging status.

2. Chain Installation (Mini Chainsaw)

1. Ensure the battery is removed from the chainsaw unit.
2. Loosen the chain cover knob and remove the chain cover.
3. Place the chain around the guide bar, ensuring the cutting edges face the correct direction.
4. Fit the chain and guide bar onto the chainsaw unit, aligning the chain with the sprocket.
5. Replace the chain cover and tighten the knob. Adjust chain tension as needed; the chain should be snug but still able to be pulled freely by hand.



Image: The 6-inch mini chainsaw in action, demonstrating its cutting capability on a log.

3. Filling the Auto Oiler System

The electric pole saw features an auto chain lubrication system. Fill the oil tank with general motor oil (not included) before each use to ensure smooth operation and reduce wear.

1. Locate the oil tank cap on the chainsaw unit.
2. Unscrew the cap and carefully pour appropriate chain oil into the tank.
3. Do not overfill. Replace the cap securely.
4. During operation, the system will automatically lubricate the chain.



Image: Close-up of the mini chainsaw highlighting the oiling system, showing oil being poured into the transparent tank for clear view of oil level.

4. Assembling the Pole Saw

To convert the mini chainsaw into a pole saw:

1. Ensure the battery is removed from the mini chainsaw.
2. Attach the mini chainsaw unit securely to the top of the extension pole. Follow the locking mechanism instructions provided with the tool.
3. Extend the telescopic pole to the desired length (from 5ft up to 9ft). Secure the pole sections firmly.
4. Insert a charged battery into the pole saw handle.



Image: A person using the MAXLANDER pole saw, extended to reach high branches for tree trimming, illustrating its 5 to 9 feet extension capability.

OPERATING INSTRUCTIONS

Using the Mini Chainsaw

1. Ensure the battery is fully charged and installed.
2. Hold the chainsaw firmly with both hands.
3. Engage the double safety locks, then press the trigger to start the chain.
4. Allow the chain to reach full speed before making contact with the wood.
5. Cut with a smooth, controlled motion. Do not force the tool.
6. Release the trigger to stop the chain.

Using the Pole Saw

1. Ensure the pole saw is correctly assembled and the battery is installed.
2. Stand on a stable surface, maintaining good balance.
3. Extend the pole to the appropriate length for the branch you intend to cut.
4. Engage the double safety locks, then press the trigger.

5. Position the saw head against the branch, allowing the chain to cut through the wood. Avoid cutting directly overhead.
6. Use the adjustable head feature (135° rotation) to achieve optimal cutting angles for hard-to-reach branches.
7. Release the trigger to stop the chain.



Image: The pole saw in operation, demonstrating its 20ft/s cutting speed on a tree branch.

MAINTENANCE

Chain Lubrication

Regularly check the oil level in the auto oiler system and refill as needed. Proper lubrication is crucial for chain longevity and cutting performance.

Chain Sharpening and Replacement

A dull chain will reduce cutting efficiency and increase strain on the motor. Sharpen the chain regularly or replace it when necessary. Refer to the included tool kit for chain adjustment and replacement.

Cleaning

After each use, remove the battery and clean the tool. Use a brush to remove sawdust and debris from the chain, guide bar, and motor vents. Do not use water or solvents that could damage the tool.

Battery Care

Store batteries in a cool, dry place. Do not expose them to extreme temperatures. Fully charge batteries before long-term storage and recharge every 3-6 months to maintain battery health.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Tool does not start	Battery not charged or improperly inserted; Safety locks not engaged; Overheat protection activated.	Ensure battery is fully charged and correctly inserted. Engage both safety locks. Allow tool to cool down if overheated.
Poor cutting performance	Dull chain; Incorrect chain tension; Insufficient lubrication.	Sharpen or replace chain. Adjust chain tension. Refill oil tank and ensure auto oiler is functioning.
Excessive vibration or noise	Loose chain; Damaged chain or guide bar; Loose components.	Check and adjust chain tension. Inspect chain and guide bar for damage and replace if necessary. Tighten all fasteners.
Chain not lubricating	Oil tank empty; Clogged oil port.	Refill oil tank. Clean the oil port if it appears clogged.

SPECIFICATIONS

- **Model Number:** ML-PS11
- **Brand:** MAXLANDER
- **Blade Material:** Alloy Steel
- **Power Source:** Battery Powered (20V Lithium-Ion)
- **Number of Batteries:** 2 (included)
- **Mini Chainsaw Bar Length:** 6 inches
- **Extension Pole Length:** 5ft to 9ft (telescopic)
- **Maximum Reach:** Up to 14 feet (based on a 5.4ft person holding the bar to shoulder height)
- **Motor Type:** Pure Copper Motor
- **Chain Speed:** Up to 19.2 ft/s
- **Adjustable Head:** 135° rotation
- **Special Features:** 2-in-1 Design, Adjustable Head, Auto Oiler System, Double Safety Locks
- **Item Dimensions (L x W x H):** 7.87"L x 5.5"W x 50"H (approximate, likely for pole saw configuration)
- **Handle Material:** Plastic or Metal

WARRANTY AND SUPPORT

For warranty information, product support, or to purchase replacement parts, please refer to the warranty card included with your product or visit the official MAXLANDER website. Keep your purchase receipt as proof of purchase.

Manufacturer: MAXLANDER

Contact: Please refer to the contact information provided in your product packaging or on the manufacturer's official website for customer service inquiries.