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MAXLANDER ML-ACPS01

MAXLANDER 8-Inch Electric Pole Saw Corded User Manual

Model: ML-ACPS01

1. PRODUCT OVERVIEW

The MAXLANDER 8-Inch Electric Pole Saw is designed for efficient tree trimming with an extended reach. It features a robust 6-amp pure copper motor and an 8-inch bar and chain, providing a chain speed of 31 feet per second. This tool is engineered for ease of use and safety, making it suitable for various pruning tasks.



Figure 1: MAXLANDER 8-Inch Electric Pole Saw, fully assembled.

Key Features:

- **Powerful Performance:** Equipped with a 6-amp pure copper motor for a chain speed of 31ft/s.
- **Extended Reach:** Offers a maximum reach of 14.5 feet (based on a 5.5-foot individual holding the pole at shoulder height).
- **Adjustable Head:** The saw head can be adjusted up to 40° for versatile cutting angles.
- **Safety Features:** Includes a safety lock and trigger mechanism, along with a built-in cable lock to prevent accidental unplugging.
- **Lightweight Design:** Weighs only 8.5 lbs for easy maneuverability during long pruning sessions.
- **Automatic Lubrication:** Features an automatic oiler with a 3.38 oz capacity.
- **Tool-Free Tensioning:** Allows for easy chain tension adjustment without additional tools.



Figure 2: Close-up of the 8-inch bar and chain, designed for efficient branch trimming.



Figure 3: Illustration of the pole saw's extended reach, allowing access to high branches.

2. SAFETY INSTRUCTIONS

Always prioritize safety when operating power tools. Read and understand all safety warnings and instructions before use to prevent electric shock, fire, and serious injury.

General Safety Warnings:

- **Work Area Safety:** Keep the work area clean and well-lit. Cluttered or dark areas invite accidents. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Electrical Safety:** Avoid body contact with earthed or grounded surfaces. Do not expose power tools to rain or wet conditions. Never modify the plug in any way.
- **Personal Safety:** Always wear eye protection and hearing protection. Use appropriate personal protective equipment (PPE) such as non-skid safety shoes, hard hat, or gloves when necessary. Stay alert, watch what you are doing, and use common sense.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the plug from

the power source before making any adjustments, changing accessories, or storing power tools.

- **Specific Pole Saw Safety:**

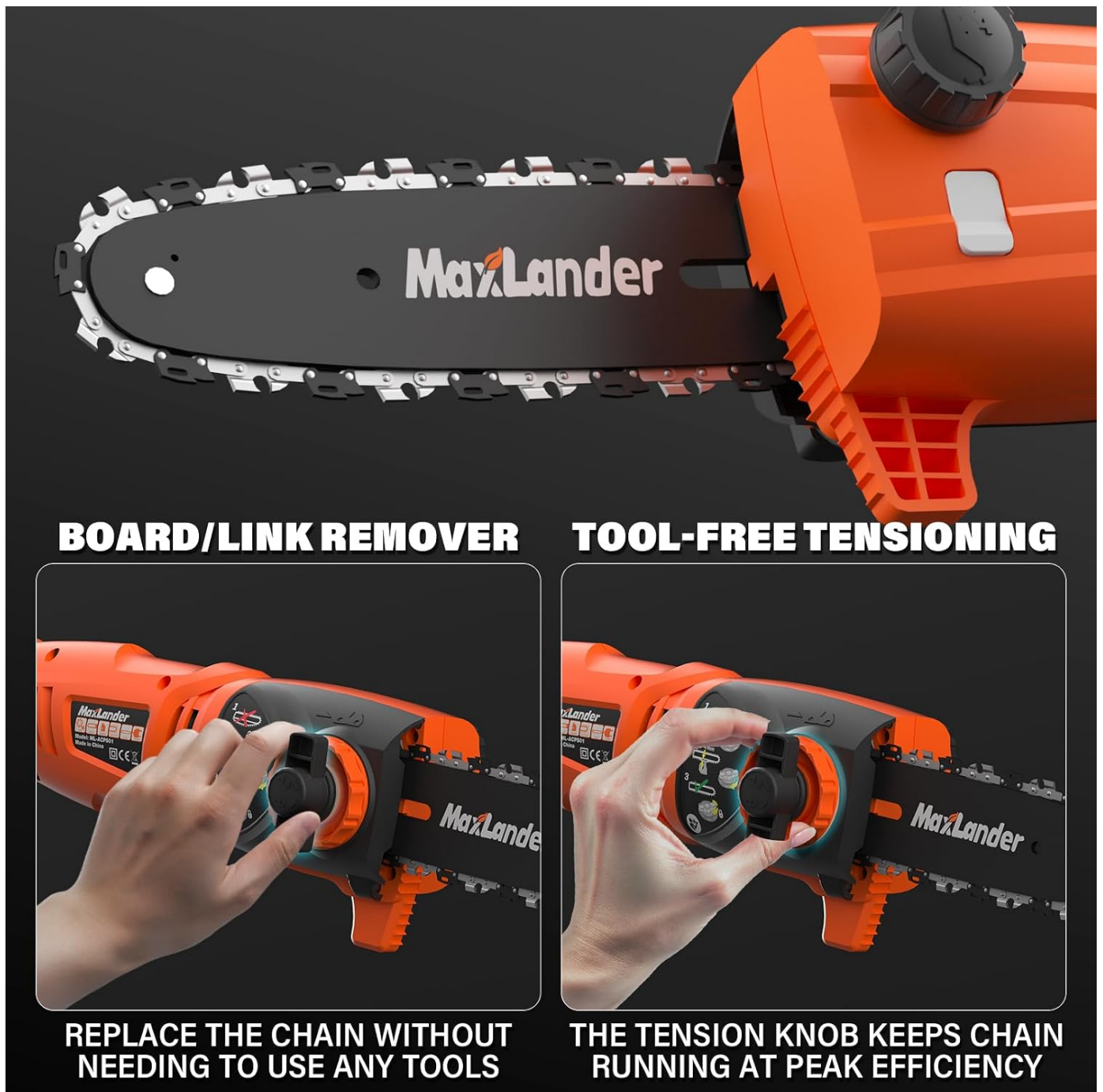
- Ensure the safety lock and trigger mechanism are fully engaged before operation.
- Verify the built-in cable lock is properly secured to prevent accidental unplugging.
- Maintain a firm grip with both hands on the pole saw during operation.
- Be aware of falling branches and maintain a safe distance from others.
- Do not operate the pole saw while standing on a ladder or in an unstable position.

3. ASSEMBLY AND SETUP

Follow these steps to assemble your MAXLANDER Electric Pole Saw. For a visual guide, please refer to the installation video below.

Assembly Steps:

1. **Attach Chain to Bar:** Carefully place the saw chain around the guide bar, ensuring the cutting teeth are facing the correct direction.
2. **Install Bar and Chain:** Align the guide bar and chain assembly with the drive sprocket on the saw head. Ensure the chain is properly seated in the sprocket and the bar's slot aligns with the mounting studs.
3. **Secure Cover and Adjust Tension:** Place the side cover over the bar and chain assembly. Engage the tool-free tensioning knob by rotating it to secure the cover and adjust the chain tension. The chain should be snug but still able to be pulled freely by hand.
4. **Connect Pole Sections:** Insert the upper pole section into the lower pole section, aligning the internal keyways. Push firmly until the locking button snaps into place.
5. **Attach Shoulder Strap:** Secure the shoulder strap to the designated attachment points on the pole. This helps distribute the weight during operation.
6. **Adjust Pole Length:** Extend the pole to the desired length by loosening the locking collar, pulling the inner pole section out, and then tightening the collar securely.
7. **Adjust Cutting Head Angle:** Press the angle adjustment button on the saw head and pivot the head to the desired cutting angle (up to 40°). Release the button to lock the angle.
8. **Connect Power Cord:** Securely connect the pole saw's power cord to a suitable extension cord, utilizing the built-in cable lock to prevent accidental disconnection.



BOARD/LINK REMOVER

TOOL-FREE TENSIONING

**REPLACE THE CHAIN WITHOUT
NEEDING TO USE ANY TOOLS**

**THE TENSION KNOB KEEPS CHAIN
RUNNING AT PEAK EFFICIENCY**

Figure 4: The tool-free tensioning knob allows for quick and easy chain adjustment.



Figure 5: Detailed diagram showing the main components and assembly points of the pole saw.

Installation Video:

Your browser does not support the video tag.

Video 1: Step-by-step guide on assembling the MAXLANDER Electric Pole Saw, including chain and bar installation, pole connection, and strap attachment.

4. OPERATION

Before operating, ensure all safety instructions are understood and followed. Always wear appropriate personal protective equipment.

Starting and Stopping:

- To start the pole saw, press the safety lock button and then squeeze the trigger.
- To stop the pole saw, release the trigger.

Cutting Techniques:

- **Branch Selection:** Identify the branches to be cut. Plan your cuts to ensure the branch falls safely and does not cause damage or injury.
- **Undercut First:** For larger branches, make a small undercut on the underside of the branch first. This prevents the branch from splitting and peeling bark when the main cut is made.
- **Main Cut:** Position the saw on top of the branch, slightly further out from the undercut. Apply steady, even pressure. Allow the saw to do the work; do not force it.
- **Angle Adjustment:** Utilize the 40° adjustable head to achieve optimal cutting angles for different branch positions.
- **Clearance:** Ensure the area below the branch is clear of people and obstacles before making a cut.



Figure 6: The pole saw in action, demonstrating its cutting capability and 31 ft/s chain speed.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your pole saw.

Chain Lubrication:

- The pole saw features an automatic lubrication system. Regularly check the oil reservoir and refill with appropriate bar and chain oil when needed. The reservoir has a 3.38 oz capacity.
- Ensure the oil cap is securely tightened after refilling.



Figure 7: The automatic oiler system, showing where to add bar and chain oil.

Chain Tensioning:

- Check chain tension frequently, especially during initial use and after extended periods of operation.
- Use the tool-free tensioning knob to adjust the chain. Turn the knob clockwise to tighten and counter-clockwise to loosen. The chain should be taut but still allow for slight movement.

Cleaning and Storage:

- After each use, disconnect the power and clean the saw head, bar, and chain to remove sawdust and debris.
- Store the pole saw in a dry, secure location, out of reach of children.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your MAXLANDER Electric Pole Saw.

Problem	Possible Cause	Solution
Saw does not start	No power supply; Safety lock not engaged; Trigger not pressed fully.	Check power connection; Ensure both safety lock and trigger are pressed simultaneously.
Chain comes off the bar frequently	Chain tension is too loose; Worn chain or bar.	Adjust chain tension using the tool-free knob; Inspect chain and bar for wear and replace if necessary.
Poor cutting performance	Dull chain; Incorrect chain tension; Insufficient lubrication.	Sharpen or replace chain; Adjust chain tension; Refill oil reservoir and ensure automatic oiler is functioning.
Motor overheats	Overloading the tool; Blocked ventilation slots.	Reduce cutting load; Clear ventilation slots; Allow tool to cool down.

7. SPECIFICATIONS

Attribute	Detail
Brand	MAXLANDER
Model Number	ML-ACPS01
Item Weight	9.58 pounds
Product Dimensions	6.1 x 5.9 x 35 inches
Style	13ft Corded Pole Saw
Power Source	Corded Electric
Included Components	Attachments
Chain Speed	31 ft/s
Max Reach	14.5 feet (user dependent)
Adjustable Head Angle	Up to 40°
Oil Reservoir Capacity	3.38 oz

8. WARRANTY AND SUPPORT

MAXLANDER products are designed for durability and performance. For information regarding product warranty, returns, or technical support, please refer to the warranty card included with your purchase or visit the official MAXLANDER website. Protection plans are also available for extended coverage. Please check with your retailer for details on available protection plans. For direct assistance, you may contact MAXLANDER customer service through the contact information provided in your product documentation or on the brand's official online store page.

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