

MAXLANDER ML-WR3002-NEW

MAXLANDER 15-Amp Electric Wood Chipper Shredder User Manual

Model: ML-WR3002-NEW

1. IMPORTANT SAFETY INSTRUCTIONS

Read all instructions carefully before operating the MAXLANDER Electric Wood Chipper Shredder. Failure to follow these instructions may result in serious injury or property damage. Keep this manual for future reference.

- **Personal Protective Equipment:** Always wear safety glasses, hearing protection, and heavy-duty gloves when operating the chipper. Long pants and closed-toe shoes are also recommended.
- **Work Area:** Operate the chipper on a firm, level surface. Keep the work area clear of bystanders, children, and pets. Ensure adequate lighting.
- **Electrical Safety:** Connect the chipper to a properly grounded outlet. Do not operate in wet conditions or expose to rain. Inspect the power cord for damage before each use.
- **Feeding Material:** Only feed branches and yard waste within the specified cutting diameter (up to 1.8 inches or 45mm). Do not force material into the chute. Use the provided safety piston to guide branches. Keep hands and feet away from the feeding chute and discharge opening.
- **Anti-Clogging Design:** The chipper features an anti-clogging mechanism. If a jam occurs, immediately turn off the machine and unplug it before attempting to clear the obstruction.
- **Safety Start Knob & Overload Protection:** The machine will only operate when the safety start knob is fully secured. Integrated overload protection will automatically cut off power if the motor is overloaded, protecting the equipment.
- **Collection Bin:** The 50L collection bin must be correctly installed for the chipper to operate. This is a safety feature to prevent accidental startup and contain shredded material.

2. PRODUCT OVERVIEW

The MAXLANDER 15-Amp Electric Wood Chipper Shredder is designed for efficiently processing yard waste and branches into mulch. It features a powerful motor, a 1.8-inch cutting capacity, and a 50L collection bin.



Image 2.1: MAXLANDER Electric Wood Chipper Shredder with key specifications and dimensions. The image shows the main unit, the 50L collection bin, and details like 15 Amps power, 1.8-inch cutting diameter, and 4000 RPM speed.

Components:

- Main Chipper Unit
- 50L Collection Bin
- Wheeled Stand Assembly
- Safety Piston (Plunger)
- Blades (installed)
- Power Cord

3. ASSEMBLY INSTRUCTIONS

Follow these steps to assemble your MAXLANDER Electric Wood Chipper Shredder:

1. **Attach the Wheels:** Secure the wheels to the stand assembly using the provided hardware.
2. **Assemble the Stand:** Connect the stand components as per the diagram in the packaging.

3. **Mount the Chipper Unit:** Carefully place the main chipper unit onto the assembled stand, ensuring it is securely fastened.
4. **Install the Collection Bin:** Slide the 50L collection bin into its designated slot beneath the chipper unit. Ensure it clicks into place or is firmly seated, as the chipper will not operate without it.

Your browser does not support the video tag.

Video 3.1: This video demonstrates the assembly process for the MAXLANDER Electric Wood Chipper, including attaching the wheels and securing the main unit to the stand.

4. OPERATING INSTRUCTIONS

Before starting, ensure all safety precautions are followed and the chipper is fully assembled with the collection bin in place.

1. **Power Connection:** Plug the chipper into a suitable grounded electrical outlet.
2. **Start the Machine:** Turn the safety start knob clockwise until it is fully secured. Then, press the power switch to turn on the chipper.
3. **Feeding Material:** Slowly feed branches and yard waste into the feeding chute. Use the safety piston to guide the material. Do not push with your hands.
4. **Observe Material Size:** The chipper can handle branches up to 1.8 inches (45mm) in diameter. For optimal performance and to prevent jamming, feed smaller branches and softer materials first.
5. **Monitor Collection Bin:** Regularly check the 50L collection bin and empty it before it becomes too full to prevent blockages.
6. **Shut Down:** To turn off the chipper, press the power switch to the 'OFF' position, then unplug the machine from the power outlet.



Image 4.1: A person operating the wood chipper, demonstrating the feeding of branches and the resulting shredded material, highlighting the 15:1 reduction ratio.



Image 4.2: This image shows the feeding chute of the chipper, illustrating the types of yard waste it can process, such as grass clippings and small sticks, and the recommended branch diameter of 3-4.5 cm.

Your browser does not support the video tag.

Video 4.3: This video demonstrates the ease of use of the electric wood chipper during operation, showing how to feed branches into the machine.

Your browser does not support the video tag.

Video 4.4: A general overview of the electric wood chipper in action, showing its functionality in processing yard waste.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your chipper. Always unplug the machine before performing any maintenance.

- **Cleaning:** After each use, clear any debris from the feeding chute, discharge opening, and around the motor housing. Use a brush or compressed air. Do not use water directly on electrical components.
- **Blade Inspection:** Periodically inspect the blades for sharpness and damage. Dull or damaged blades can reduce efficiency and increase motor strain. Refer to the manual for instructions on blade replacement or sharpening.
- **Collection Bin:** Keep the collection bin clean and free of compacted material.

- **Storage:** Store the chipper in a dry, secure location, away from moisture and extreme temperatures.

6. TROUBLESHOOTING

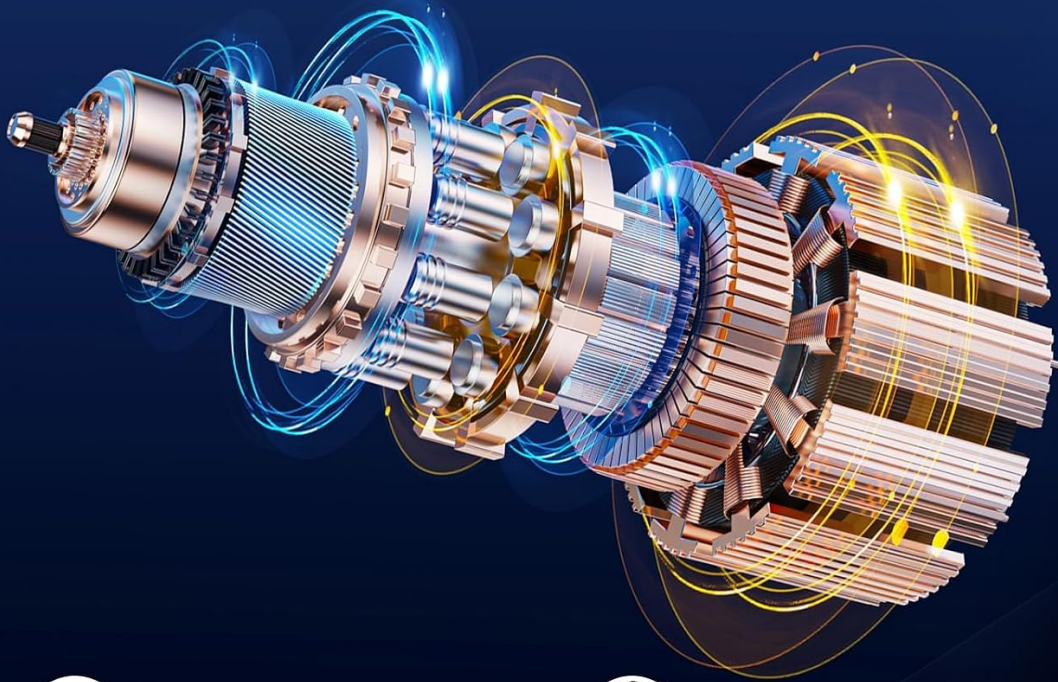
If you encounter issues with your chipper, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Chipper does not start	Not plugged in; Safety start knob not secured; Collection bin not installed; Power switch off; Overload protection tripped.	Check power connection; Secure safety knob; Ensure collection bin is in place; Turn power switch on; Reset overload protection (unplug, wait a few minutes, then plug in and restart).
Material not shredding efficiently or jamming	Dull blades; Overfeeding; Material too large or wet; Clogged discharge chute.	Inspect/replace blades; Feed material slowly; Ensure material is dry and within size limits; Turn off and unplug, then clear any clogs.
Excessive vibration or noise	Loose components; Damaged blades; Unbalanced material.	Check all fasteners; Inspect/replace blades; Ensure material is fed evenly.

7. SPECIFICATIONS

Key technical details for the MAXLANDER Electric Wood Chipper Shredder:

Feature	Detail
Model Number	ML-WR3002-NEW
Motor Power	15 Amps
Cutting Diameter	Up to 1.8 inches (45mm)
Collection Bin Capacity	50 Liters (approx. 13 Gallons)
Reduction Ratio	15:1
Item Weight	29.5 pounds
Product Dimensions	17.5 x 36.8 x 22 inches
Manufacturer	MAXLANDER



POWER: **15** AMPS



CUTTING DIAMETER: **1.8"**
(45mm)



SPEED: **4000** RPM



Overload protection

**AUTOMATICALLY CUTS OFF THE POWER SUPPLY
WHEN OVERLOADED TO PROTECT THE EQUIPMENT
AND ENSURE A LONG SERVICE LIFE.**

Image 7.1: Detailed view of the motor specifications, including 15 Amps power, 1.8-inch cutting diameter, 4000 RPM speed, and the overload protection feature.

8. WARRANTY AND SUPPORT

MAXLANDER products are manufactured to high-quality standards. For warranty information, technical support, or to order 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.