

MAXLANDER SF8A131

Maxlander 13-Inch Electric Cordless Lawn Mower User Manual

Model: SF8A131

1. INTRODUCTION

This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your Maxlander 13-inch Electric Cordless Lawn Mower. Please read this manual thoroughly before using the product to ensure proper function and to prevent injury or damage.

The Maxlander 13-inch Electric Cordless Lawn Mower is designed for residential lawn care, offering a convenient and efficient way to maintain your yard. Its brushless motor provides reliable power with reduced noise and vibration.

2. SAFETY INFORMATION

WARNING: Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and personal injury.

- Read all instructions before operating the lawn mower.
- Wear appropriate personal protective equipment (PPE), including eye protection, hearing protection, and sturdy footwear.
- Ensure the work area is clear of debris, rocks, and other objects that could be thrown by the blade.
- Do not operate the mower in wet conditions or on steep slopes.
- Keep hands and feet away from the cutting deck and rotating blade.
- Remove the battery pack when cleaning, performing maintenance, or storing the mower.
- Store the mower in a dry, secure location out of reach of children.

3. PRODUCT OVERVIEW

The Maxlander 13-inch Electric Cordless Lawn Mower is equipped with features designed for efficient and user-friendly operation.

3.1 Components



Figure 3.1: Main components of the Maxlander 13-inch Electric Cordless Lawn Mower, including the mower unit, 20V 4.0Ah battery, and battery charger.

- Lawn Mower Unit (13-inch steel deck)
- 20V 4.0Ah Lithium-ion Battery
- 20V Battery Charger
- Grass Collection Bag (30L capacity)
- Handle Assembly (foldable)
- Safety Key

3.2 Key Features

- **13-inch Cutting Deck:** Features a durable steel deck for efficient and quick mowing of small to medium-sized lawns.



Figure 3.2: The 13-inch cutting deck ensures efficient grass cutting.

- **Brushless Motor:** Provides powerful performance with reduced noise, less vibration, and extended motor life due to the absence of carbon brushes.



Figure 3.3: Internal view illustrating the brushless motor technology.

- **5-Position Height Adjustment:** Easily adjust cutting height from 0.98 inches to 2.95 inches to suit various grass conditions and preferences.



Figure 3.4: The single-button height adjustment mechanism for quick changes.

- **2-in-1 Mowing Versatility:** Offers both mulching capability and rear bagging with a 30L grass collection bag.



Figure 3.5: Demonstrates the 2-in-1 functionality for mulching or collecting grass clippings.

- **Lightweight and Foldable Design:** Weighing approximately 24 pounds, the mower is easy to maneuver and features a foldable handle for compact storage and transport.
- **4000mAh 20V Battery:** High-capacity battery for extended runtime.



Figure 3.6: The 4000mAh 20V battery provides ample power for mowing tasks.

- **30L Grass Collection Bag:** Large capacity bag reduces the frequency of emptying during mowing.



Figure 3.7: The 30L grass collection bag, designed for easy attachment and removal.

4. SETUP

4.1 Assembly

1. **Unpack Components:** Carefully remove all parts from the packaging. Verify all components listed in Section 3.1 are present.
2. **Assemble Handle:** Unfold the handle assembly and secure it in the upright position using the quick-release clamps or knobs provided. Ensure the handle is firmly locked.
3. **Attach Grass Collection Bag:** If using the grass collection bag, attach it to the rear discharge opening of the mower according to the instructions in the separate bag assembly guide (if applicable).

4.2 Battery Charging and Installation

1. **Charge Battery:** Connect the 20V battery charger to a standard electrical outlet. Insert the 20V 4.0Ah Lithium-ion battery into the charger. The indicator light on the charger will show the charging status. Allow the battery to fully charge before first use.

2. **Install Battery:** Once fully charged, remove the battery from the charger. Open the battery compartment cover on the lawn mower. Insert the battery pack firmly into the battery slot until it clicks into place.
3. **Insert Safety Key:** Locate the safety key slot, typically near the battery compartment. Insert the safety key fully into its slot. The mower will not operate without the safety key inserted.

5. OPERATING INSTRUCTIONS

5.1 Starting and Stopping the Mower

1. **To Start:** Ensure the battery is installed and the safety key is inserted. Press and hold the safety button (if present), then pull the bail switch lever towards the handle. The motor will start.
2. **To Stop:** Release the bail switch lever. The motor will stop. For complete power disconnection, remove the safety key and the battery pack.

5.2 Adjusting Cutting Height

The cutting height can be adjusted to 5 different positions, ranging from 0.98 inches (25mm) to 2.95 inches (75mm).

1. Ensure the mower is turned off and the safety key is removed.
2. Locate the height adjustment lever on the mower deck.
3. Pull the lever outwards and move it to the desired height setting. Refer to the markings on the mower for specific height indicators.
4. Release the lever to lock it into position. Ensure all wheels are at the same height setting.

5.3 Mowing Techniques

- For best results, mow dry grass.
- Overlap cutting swaths slightly to ensure even coverage.
- Avoid overloading the motor by cutting excessively tall or thick grass. If the motor slows down, raise the cutting height or reduce your pushing speed.
- When mulching, mow more frequently and only remove the top one-third of the grass blade.
- When bagging, empty the grass collection bag regularly to maintain optimal performance and prevent clogging.

6. MAINTENANCE

Always remove the safety key and battery pack before performing any maintenance or cleaning.

6.1 Cleaning

- After each use, clean the underside of the mower deck to prevent grass buildup, which can affect cutting performance. Use a stiff brush or scraper.
- Wipe down the exterior of the mower with a damp cloth. Do not use water hoses or pressure washers directly on the mower.
- Clean the grass collection bag regularly to ensure proper airflow.

6.2 Blade Care

- Inspect the blade regularly for sharpness and damage. A dull or damaged blade can tear grass, leading to an unhealthy lawn.
- If the blade is dull, it can be sharpened by a qualified service technician or replaced with a genuine Maxlander replacement blade.

- Ensure the blade is balanced after sharpening to prevent vibration.

6.3 Storage

- Before storing, ensure the mower is clean and dry.
- Remove the battery pack and store it in a cool, dry place, away from direct sunlight and extreme temperatures.
- Fold the handle for compact storage.
- Store the mower in a secure, dry location, protected from weather elements.

7. TROUBLESHOOTING

Before contacting customer support, review the following common issues and their solutions.

Problem	Possible Cause	Solution
Mower does not start.	Battery not charged or improperly installed. Safety key not inserted. Bail switch not engaged.	Ensure battery is fully charged and correctly seated. Insert safety key completely. Engage bail switch fully.
Mower stops during operation.	Battery charge is low. Overload protection activated.	Recharge battery. Reduce load by raising cutting height or slowing down. Allow motor to cool if overheated.
Uneven cutting.	Dull or damaged blade. Uneven height adjustment.	Sharpen or replace blade. Ensure all wheels are set to the same cutting height.
Excessive vibration.	Damaged or unbalanced blade. Loose components.	Inspect blade for damage; replace if necessary. Check all fasteners for tightness.
Poor grass collection/mulching.	Grass bag full or clogged. Wet grass. Cutting too much at once.	Empty and clean grass bag. Mow when grass is dry. Reduce cutting height or speed.

8. SPECIFICATIONS

Brand	MAXLANDER
Model Number	SF8A131
Power Source	Battery Powered (20V Lithium-ion)
Battery Capacity	4.0Ah
Cutting Width	13 Inches
Height Adjustment Positions	5 Positions
Cutting Height Range	0.98" (25mm) to 2.95" (75mm)
Grass Bag Capacity	30 Liters
Item Weight	25 Pounds (approx.)
Product Dimensions (LxWxH)	27.12" x 16.11" x 12.97"
Motor Type	Brushless

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the warranty card included with your product or contact

Maxlander customer service. Keep your purchase receipt as proof of purchase.

Manufacturer: MAXLANDER

Contact Information: Please refer to the official Maxlander website or the contact details provided in your product packaging for the most up-to-date support information.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

Why do the back wheels of the Maxlander SF8A131 lawn mower fall down when starting?

If the back wheels of your Maxlander SF8A131 are falling down (losing their height setting) when you start the mower, it is likely an issue with the height adjustment locking mechanism. Please check the...

[Read full answer](#)