

Yard Force LM F23

YARD FORCE iFlex LM F23 Cordless Lawn Mower User Manual

Model: LM F23

1. SAFETY INSTRUCTIONS

Always read and understand all safety warnings and instructions before operating the lawn mower. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

General Safety Warnings

- **Keep work area clear:** Cluttered areas invite accidents.
- **Consider work area environment:** Do not use power tools in damp or wet locations. Do not expose to rain. Keep work area well lit.
- **Keep children away:** Do not let visitors contact the tool or extension cord. All visitors should be kept away from the work area.
- **Dress properly:** Do not wear loose clothing or jewelry. They can be caught in moving parts. Use of rubber gloves and substantial footwear is recommended when working outdoors. Wear protective hair covering to contain long hair.
- **Use safety glasses and hearing protection:** Always use safety glasses. Everyday eyeglasses only have impact resistant lenses, they are NOT safety glasses.
- **Do not overreach:** Keep proper footing and balance at all times.
- **Maintain tools with care:** Keep cutting tools sharp and clean for better and safer performance. Follow instructions for lubricating and changing accessories. Inspect tool cords periodically and, if damaged, have them repaired by an authorized service facility. Inspect extension cords periodically and replace if damaged. Keep handles dry, clean, and free from oil and grease.
- **Disconnect tools:** Disconnect the battery pack from the tool when not in use, before servicing, or when changing accessories.
- **Avoid unintentional starting:** Ensure the switch is in the off position before inserting the battery pack.
- **Check for damaged parts:** Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center unless

otherwise indicated elsewhere in this instruction manual.

2. PRODUCT OVERVIEW

The YARD FORCE iFlex LM F23 is a compact and agile cordless lawn mower designed for small to medium-sized lawns. It features a 12V/4.0Ah lithium-ion battery, a 23 cm cutting width, and a unique FreeTurn universal wheel for enhanced maneuverability.

Key Features:

- **Cordless Operation:** Powered by a 12V/4.0Ah lithium-ion battery for freedom of movement.
- **FreeTurn Universal Wheel:** Front wheel rotates 360 degrees for exceptional maneuverability around obstacles.
- **Mulching Function:** Designed to finely cut grass clippings and return them to the lawn as natural fertilizer.
- **Adjustable Cutting Height:** Three cutting height settings (30-60 mm) with a simple Push-n-Adjust button.
- **Compact Design:** Ideal for urban gardens and smaller lawn areas up to 50 m².
- **Brushless Motor:** Offers maintenance-free operation, robustness, reliability, and higher performance with less noise.

Included Components:

- 1 x YARD FORCE iFlex LM F23 FreeTurn Cordless Lawn Mower
- 1 x iFlex 12V/4.0Ah Lithium-ion Battery
- 1 x iFlex Battery Charger

30 - 60 MM SCHNITTHÖHE

Ein Knopf zum Einstellen der
Schnitthöhe in 3 Stufen



Image: Front view of the YARD FORCE iFlex LM F23 Cordless Lawn Mower.



Image: The YARD FORCE iFlex LM F23 cordless lawn mower shown with its 12V 4.0Ah battery.

3. SETUP

3.1 Assembly

1. **Unpack:** Carefully remove all components from the packaging. Ensure all listed parts are present.
2. **Handle Assembly:** Attach the handle to the main body of the mower. Ensure all locking mechanisms or screws are securely fastened. Refer to the diagrams in the full PDF manual for specific handle attachment points.
3. **Check Blade:** Ensure the mulching blade is securely attached and free from damage.

3.2 Battery Charging and Installation

1. **Charge Battery:** Connect the iFlex charger to a power outlet. Insert the 12V/4.0Ah lithium-ion battery into the charger. Allow the battery to fully charge before first use. The charger will indicate when charging is complete.
2. **Install Battery:** Once charged, slide the battery pack firmly into the designated battery compartment on the mower handle until it clicks into place. Ensure it is seated correctly to establish electrical contact.



Image: The iFlex battery can also function as a power bank for other devices (e.g., charging a phone).

4. OPERATING INSTRUCTIONS

4.1 Starting the Mower

1. **Ensure Safety:** Make sure the area is clear of debris, children, and pets. Wear appropriate safety gear.
2. **Engage Safety Button:** Press and hold the safety button (usually located on the handle).
3. **Pull Start Lever:** While holding the safety button, pull the start lever towards the handle. The motor will start. Release the safety button once the motor is running.

4.2 Adjusting Cutting Height

The YARD FORCE iFlex LM F23 features a convenient Push-n-Adjust function for changing the cutting height.

1. **Turn Off Mower:** Always turn off the mower and remove the battery before adjusting the cutting height.
2. **Locate Adjustment Button:** Find the orange Push-n-Adjust button on the mower deck.
3. **Select Height:** Press the button and move the mower deck up or down to select one of the three cutting height positions (30 mm, 45 mm, 60 mm). Ensure it locks securely into place.



Image: Detail showing the Push-n-Adjust button for setting the cutting height between 30-60 mm.



Image: Close-up of the cutting height adjustment mechanism on the YARD FORCE iFlex LM F23.

4.3 Mowing Techniques

- **Overlap Passes:** For an even cut, overlap each mowing pass by a few centimeters.
- **Mow in Strips:** Mow in straight lines, turning at the end of each strip.
- **FreeTurn Maneuverability:** Utilize the 360-degree rotating front wheel to easily navigate around trees, flowerbeds, and other obstacles. The mower's design allows for mowing under garden furniture.
- **Mulching:** The mower is designed for mulching. For best results, mow frequently and avoid cutting more than one-third of the grass blade length at a time.



Image: The YARD FORCE iFlex LM F23 cordless lawn mower being used on a lawn.



Image: The YARD FORCE iFlex LM F23 demonstrating its extreme mobility and maneuverability around garden obstacles.



Image: The YARD FORCE iFlex LM F23 FreeTurn mulching mower in action, highlighting its mulching capability.

5. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your lawn mower.

5.1 Cleaning

1. **Disconnect Battery:** Always remove the battery pack before cleaning or performing any maintenance.
2. **Clean Deck:** After each use, clean the underside of the mower deck to remove grass clippings and debris. Use a brush or scraper. Do not use water directly on electrical components.
3. **Clean Exterior:** Wipe down the exterior surfaces with a damp cloth.

5.2 Blade Care

1. **Inspect Blade:** Regularly inspect the mulching blade for sharpness and damage. A dull or damaged blade can lead to poor cutting performance and strain the motor.
2. **Sharpen/Replace Blade:** If the blade is dull, have it sharpened by a qualified service technician. If the blade is bent, cracked, or severely damaged, it must be replaced with an original YARD FORCE replacement blade.

3. **Blade Removal/Installation:** Refer to the detailed instructions in the full PDF manual for safe blade removal and installation procedures. Always wear heavy-duty gloves when handling the blade.



*Bis zu 50 m² Arbeitsfläche,
230 mm Schnittbreite, Mulcher*

Image: Underside view of the YARD FORCE iFlex LM F23, showing the mulching blade for inspection and maintenance.

5.3 Storage

- **Clean Before Storage:** Thoroughly clean the mower before storing it for extended periods.
- **Store in Dry Place:** Store the mower and battery in a dry, well-ventilated area, away from direct sunlight and extreme temperatures.
- **Battery Storage:** Store the battery partially charged (around 50%) if storing for a long time. Recharge it every few months to maintain battery health.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your YARD FORCE iFlex LM F23 lawn mower.

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
Mower does not start	Battery not charged or improperly installed; Safety button/start lever not engaged; Overload protection activated.	Ensure battery is fully charged and correctly inserted. Press safety button and pull start lever simultaneously. Remove battery, clear any grass buildup, and re-insert battery.
Poor cutting performance	Dull or damaged blade; Mower deck clogged with grass; Cutting height too low for grass conditions.	Inspect and sharpen/replace blade. Clean underside of mower deck. Increase cutting height. Mow when grass is dry.
Mower stops during operation	Battery low; Overload protection activated (e.g., thick grass); Battery connection loose.	Recharge battery. Clear thick grass, raise cutting height. Check battery connection and ensure it is firmly seated.
Excessive vibration	Bent or unbalanced blade; Debris caught in blade area.	Remove battery, inspect blade for damage or imbalance. Clear any debris. Have blade replaced if bent.

7. SPECIFICATIONS

Technical data for the YARD FORCE iFlex LM F23 Cordless Lawn Mower.

Feature	Specification
Brand	Yard Force
Model Number	LM F23
Power Source	Battery Powered
Battery Type	12V / 4.0Ah Lithium-ion
Material	Plastic
Cutting Width	23 cm
Cutting Height Adjustment	3 positions (30 - 60 mm)
Operating Mode	Manual
Product Dimensions (L x W x H)	52.5 x 31 x 28.5 cm
Item Weight	5.4 Kilograms
Recommended Lawn Area	Up to 50 m ²
Assembly Required	Yes
Country of Origin	China

8. WARRANTY AND SUPPORT

8.1 Warranty Information

YARD FORCE products are manufactured to high-quality standards and come with a manufacturer's warranty. Please refer to the warranty card included with your product or visit the official YARD FORCE website for detailed warranty terms and conditions specific to your region.

8.2 Customer Support

For technical assistance, spare parts, or service inquiries, please contact YARD FORCE customer support. Contact details can typically be found on the official YARD FORCE website or in the documentation provided with your product.

- **Online Resources:** Visit the [YARD FORCE official website](#) for FAQs, product registration, and additional support materials.
- **Service Centers:** Information on authorized service centers can be found on the YARD FORCE website.