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Model: LM C33

1. IMPORTANT SAFETY INSTRUCTIONS

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

- **Personal Safety:** Always wear appropriate personal protective equipment, including safety glasses, sturdy footwear, and hearing protection. Do not operate the mower barefoot or in open-toed sandals.
- **Work Area Safety:** Keep the work area clean and well-lit. Do not operate the mower in wet conditions or rain. Keep children, bystanders, and pets away from the operating area.
- **Electrical Safety:** Prevent unintentional starting. Ensure the switch is in the off-position before connecting to a battery pack, picking up or carrying the appliance. Disconnect the battery pack from the appliance before making any adjustments, changing accessories, or storing appliances.
- **Mower Operation:** Never place hands or feet near rotating parts. Always ensure the grass collection bag is securely attached before starting. Do not operate the mower with damaged guards or without safety devices in place.
- **Battery Care:** Use only the specified battery pack and charger. Do not expose battery packs to fire or excessive temperature. Follow all charging instructions and do not charge the battery pack outside the temperature range specified in the instructions.

2. PRODUCT OVERVIEW

The YARD FORCE LM C33 is a cordless lawn mower designed for efficient lawn maintenance. It features a lightweight and compact design, making it easy to maneuver and store.

Key Features:

- **Cordless Operation:** Powered by a 20V/4.0Ah Lithium-ion battery for freedom of movement.

- **Compact Cutting Width:** 33 cm cutting width, suitable for smaller lawns and navigating narrow spaces.
- **Adjustable Cutting Height:** 3-position cutting height adjustment from 20 mm to 60 mm.
- **Efficient Grass Collection:** Equipped with a 30-liter hybrid grass collection bag.
- **Lightweight Design:** Weighs approximately 9.8 kg for easy handling and transport.



Figure 2.1: Overall view of the YARD FORCE LM C33 Cordless Lawn Mower with its grass collection bag attached.

3. SETUP AND ASSEMBLY

Follow these steps to assemble your lawn mower before first use.

3.1 Handle Assembly

1. Unfold the lower handle section and secure it into position using the provided fasteners.
2. Attach the upper handle section to the lower handle, ensuring all cables are routed correctly and not pinched. Secure with the quick-release clamps or bolts.

3.2 Grass Collection Bag Assembly

1. Assemble the grass bag frame and attach the fabric bag to the frame.
2. Lift the rear discharge flap of the mower and hook the grass collection bag onto the mower chassis. Ensure it is securely seated.

3.3 Battery Installation



Figure 3.1: A hand inserting the 20V battery into the designated battery compartment of the lawn mower.

1. Open the battery compartment cover located on the top of the mower deck.
2. Slide the fully charged 20V/4.0Ah battery pack into the battery slot until it clicks into place.
3. Close the battery compartment cover securely.

4. OPERATING INSTRUCTIONS

Proper operation ensures efficient mowing and extends the life of your machine.

4.1 Charging the Battery

- Connect the charger to a suitable power outlet.
- Insert the battery pack into the charger. The indicator light on the charger will show the charging status.
- A full charge typically takes approximately 100 minutes. Remove the battery once fully charged.

4.2 Adjusting Cutting Height



Figure 4.1: A close-up view of the orange lever used to adjust the cutting height of the lawn mower, showing the different height settings.

- Ensure the mower is turned off and the battery is removed before adjusting the cutting height.
- Locate the cutting height adjustment lever on the side of the mower.
- Pull the lever outwards and move it to the desired position (20mm, 40mm, or 60mm). Ensure it locks securely into place.

4.3 Starting and Stopping the Mower

- **To Start:** Press and hold the safety button, then pull the bail lever towards the handle. Release the safety button once the motor starts.
- **To Stop:** Release the bail lever. The motor will stop immediately.

4.4 Mowing Tips

- For best results, mow dry grass.
- Overlap cutting swaths slightly to ensure an even cut.
- Avoid overloading the motor by not attempting to cut excessively long or thick grass in a single pass. Adjust cutting height if necessary.

5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your lawn mower.

5.1 Cleaning

- Always remove the battery pack before cleaning or performing any maintenance.
- Clean the mower deck and blade area after each use to prevent grass buildup. Use a brush or cloth; avoid using water directly on electrical components.
- Empty and clean the grass collection bag regularly to maintain airflow and collection efficiency.

5.2 Blade Care

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

5.3 Storage

- Store the mower in a dry, secure place, out of reach of children.
- Remove the battery pack from the mower before storing for extended periods. Store the battery in a cool, dry place, partially charged.
- The handle can be folded for compact storage.

6. TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Mower does not start	Battery not charged or incorrectly inserted; Safety button/bail lever not engaged.	Ensure battery is fully charged and correctly inserted. Engage safety button and pull bail lever simultaneously.
Poor cutting performance	Dull or damaged blade; Cutting height too low for grass conditions; Grass collection bag full.	Inspect/replace blade. Increase cutting height. Empty grass collection bag.
Excessive vibration	Damaged or unbalanced blade; Loose components.	Inspect blade for damage and balance. Check all fasteners for tightness. If vibration persists, contact customer support.
Motor stops during operation	Overload protection activated; Battery depleted.	Reduce load by increasing cutting height or mowing smaller sections. Recharge battery.

7. SPECIFICATIONS

Feature	Specification
Model Number	LM C33
Brand	Yard Force
Power Source	Battery Powered
Battery Type	20V / 4.0Ah Lithium-ion
Cutting Width	33 cm
Cutting Height Adjustment	3 positions (20 mm - 60 mm)
Grass Bag Capacity	30 Liters (Hybrid)
Weight	9.8 kg
Charging Time	Approx. 100 minutes
Recommended Lawn Size	Up to 200 m ²
Material	Plastic
Color	Black/Orange
Product Dimensions (L x W x H)	96 cm x 38 cm x 101 cm

8. WARRANTY AND SUPPORT

For warranty information, technical support, or to order replacement parts, please refer to the warranty card included with your product or visit the official Yard Force website. Do not attempt to repair the product yourself, as this may void your warranty and cause further damage or injury.

For direct assistance, please contact Yard Force customer service.