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Yard Force YF48vRX-R38

Yard Force 48V 38-Inch Electric Ride-On Lawn Tractor User Manual

Model: YF48vRX-R38 | Brand: Yard Force

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Yard Force 48V 38-Inch Electric Ride-On Lawn Tractor. Please read this manual thoroughly before operating the machine to ensure proper use and to prevent injury or damage.

1.1 Safety Warnings

Always prioritize safety. Read and understand all safety decals on the product and in this manual before operation.

- Keep hands and feet away from rotating parts.
- Do not operate the mower without the discharge chute or bagger in place.
- Always wear appropriate safety gear, including eye protection and sturdy footwear.
- Ensure the area is clear of people, especially children and pets, before and during operation.
- Never allow children to operate the mower.
- Turn off the engine and remove the key before performing any maintenance or clearing blockages.

2. SPECIFICATIONS

Feature	Description
Model Number	YF48vRX-R38

Power Source	48V Electric System with 75Ah Lead-Acid Battery
Charger	7.5A Charger
Cutting Width	38 inches (96cm) Twin Blades
Blade RPM	3400 rpm
Cutting Height Adjustment	12-position (1.5" to 4.5")
Forward Speed (Driving)	Up to 8 MPH
Forward Speed (Mowing)	Up to 5 MPH
Reverse Speed	Up to 3 MPH
Tire Configuration	15" front, 16" rear pneumatic tires
Product Dimensions	66"D x 33"W x 45"H
Item Weight	662 Pounds
Color	Orange, Black
UPC	846325015011

3. SETUP

3.1 Initial Charging

Before first use, fully charge the 48V 75Ah lead-acid battery. The charging port is conveniently located on the mower. Always charge the battery when the mower is not in use to ensure optimal performance and battery longevity.



Image: The Yard Force 48V 38-Inch Electric Ride-On Lawn Tractor, showing its overall design and the location of the charging port cover.

Your browser does not support the video tag.

Video: Demonstrates the initial setup and charging process of the Yard Force electric ride-on mower, including plugging in the charger.

3.2 Seat Adjustment

The operator's seat is adjustable to ensure comfortable and safe operation for various users. Locate the adjustment lever beneath the seat and slide the seat forward or backward to your desired position.

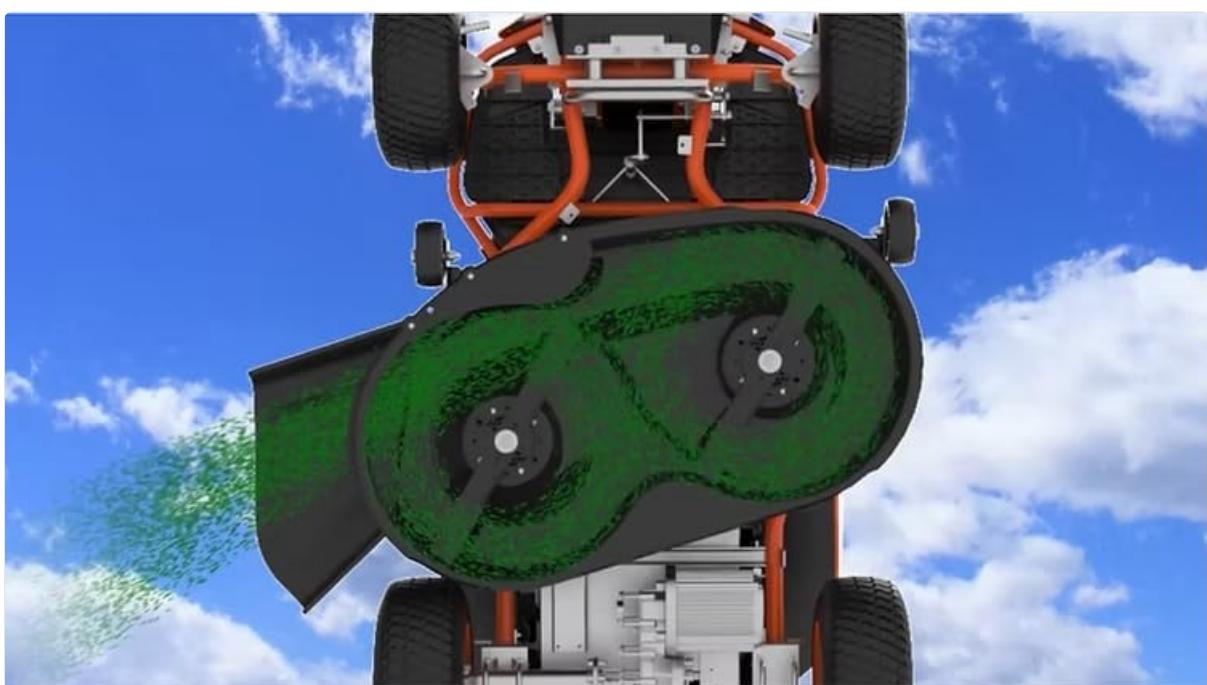


Image: A close-up of the adjustable seat on the Yard Force lawn tractor, highlighting the mechanism for moving the seat.

4. OPERATING INSTRUCTIONS

4.1 Starting the Mower

Insert the key into the ignition and turn it to the 'ON' position. The integrated LCD display will show real-time battery status and mileage tracking. Ensure the parking brake is engaged before starting.



Image: A detailed view of the control panel, showing the ignition, LCD display with battery indicator, and other operational buttons.

4.2 Adjusting Cutting Height

The cutting deck offers 12-position height adjustment, ranging from 1.5" to 4.5". Use the height adjustment lever to select the desired cutting height for your lawn conditions.



Image: A close-up of the 38-inch twin-blade cutting deck, illustrating the adjustable height feature.

4.3 Driving and Mowing

Engage the forward or reverse gear using the selector. Release the parking brake and gently press the foot pedal to begin moving. For mowing, ensure the blades are engaged using the PTO (Power Take-Off) button. The mower supports mulching and side discharge functionalities.



Image: A person operating the Yard Force lawn tractor, demonstrating its use for mowing a lawn, with an optional bagging kit attached.

4.4 Reverse Mowing Capability

The mower features a reverse mowing capability. To engage, press the RMO (Reverse Mowing Operation) button on the control panel. This allows for mowing while backing up, useful for tight spaces or missed spots.

4.5 Cruise Control

For extended mowing sessions on open areas, activate the cruise control feature by pressing the dedicated button on the control panel. This maintains a consistent speed without continuous pedal pressure.

4.6 Towing Capability

The Yard Force tractor is equipped with a tow hitch, allowing you to attach various lawn and garden accessories such as spreaders or small trailers. Ensure the accessory's weight does not exceed the mower's towing capacity.



Image: The Yard Force lawn tractor demonstrating its towing capability by pulling a small spreader across a lawn.

4.7 LED Lighting and USB Charging

For enhanced visibility during low-light conditions, the mower is equipped with LED lighting. A convenient USB charging port (5V 1A) is also available on the control panel to charge mobile devices while operating.



Image: A close-up of the control panel showing the USB charging port in use, with a phone connected.

5. MAINTENANCE

5.1 Easy Deck Wash

To clean the underside of the cutting deck, connect a standard garden hose to the easy deck wash port. Run the blades for a few minutes to allow the water to clean out grass clippings and debris. Always ensure the mower is on a level surface and the area is clear before using the deck wash feature.

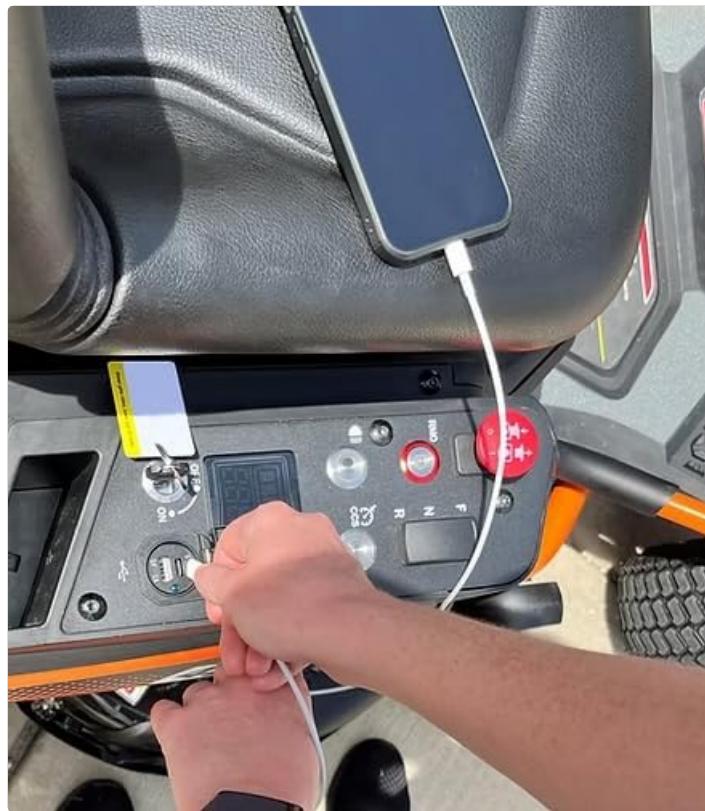


Image: A close-up of the underside of the cutting deck, showing the easy deck wash port with a hose connected, and water spraying to clean the blades.

5.2 General Maintenance Tips

- Regularly inspect blades for sharpness and damage. Replace or sharpen as needed.
- Keep the battery terminals clean and free of corrosion.
- Store the mower in a dry, protected area when not in use.
- Periodically check tire pressure and inflate to recommended levels.

6. TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your Yard Force Electric Ride-On Lawn Tractor.

Problem	Possible Cause	Solution
Mower does not start	Battery low or dead; Key not fully inserted; Safety interlock engaged.	Charge battery; Ensure key is fully in 'ON' position; Check seat, PTO, and brake interlocks.
Poor cutting performance	Dull blades; Cutting height too low for grass; Clogged deck.	Sharpen or replace blades; Adjust cutting height; Clean deck using deck wash port.
Mower loses power during operation	Battery charge is low.	Recharge the battery. Avoid operating on extremely low charge.

Unusual noise or vibration	Loose parts; Damaged blades; Obstruction in cutting deck.	Inspect and tighten all fasteners; Check blades for damage; Clear any obstructions.
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If you encounter issues not listed here or require further assistance, please contact Yard Force customer support.

7. WARRANTY AND SUPPORT

7.1 Warranty Information

The Yard Force 48V 38-Inch Electric Ride-On Lawn Tractor comes with a **3-year warranty**. Please retain your proof of purchase for warranty claims. The warranty covers defects in materials and workmanship under normal use and maintenance.

7.2 Customer Support

For technical assistance, parts, or warranty inquiries, please visit the official Yard Force website or contact their customer service department. Refer to the product packaging or the Yard Force website for the most current contact information.

You can visit the [Yard Force Store on Amazon](#) for more product information and support resources.