IRONMAX HY-4008GN

IRONMAX Lawn Roller Instruction Manual

Model: HY-4008GN

1. Introduction

The IRONMAX Lawn Roller is designed to assist in various lawn care tasks, including leveling uneven ground, packing newly planted seeds or sod, and improving seed-to-soil contact. This versatile tool can be operated manually by pushing or pulling, or it can be towed behind a tractor for larger areas. Its durable steel construction and adjustable capacity make it suitable for use in yards, gardens, parks, and ball fields.

2. Safety Information

Please read and understand all safety instructions before operating the lawn roller. Failure to follow these instructions may result in injury or damage to the product.

- Always wear appropriate safety gear, such as sturdy footwear and eye protection, when operating the roller.
- Keep children and pets away from the operating area.
- Ensure the roller is securely attached when towing behind a tractor.
- Do not operate the roller on steep inclines where control may be lost.
- Exercise caution when filling or draining the roller to avoid spills or injury.
- **Precautions when rolling:**
  - Rolling is not recommended when turfgrass is weak.
  - Avoid high-intensity rolling on wet soil to prevent soil slumping, which can affect turfgrass growth.
  - On overly dry soil, avoid heavy rolling to prevent compaction of the lawn.
  - For optimal lawn health, rolling should be combined with other management practices such as aeration, thinning, harrowing, fertilization, and sand mulching.

3. Package Contents

Verify that all components are present before beginning assembly:

- Roller Drum (1)

- Push/Pull Handle Assembly (1)
- Tow Bar (1)
- Drain Plug (1)
- Assembly Hardware (bolts, nuts, pins)

4. Assembly Instructions

Assembly is required for this product. Please follow these general steps. Refer to the included assembly diagram for detailed visual guidance.

1. **Attach the Handle Assembly:** Secure the push/pull handle to the roller drum frame using the provided bolts and nuts. Ensure all connections are tight.
2. **Attach the Tow Bar:** If using the tow-behind function, attach the tow bar to the designated points on the roller frame. The handle can be fixed on the tow bottom when not in use.
3. **Secure Connections:** Double-check all bolts, nuts, and pins to ensure they are securely fastened before use.



Figure 4.1: Illustration of assembly points for manual and tow-behind use, highlighting the comfortable gripping handle and the latch and pin mechanism.

5. Operation

5.1 Filling the Roller

The roller drum can be filled with water or sand to achieve the desired weight for effective lawn rolling. The capacity is approximately 17 gallons (63 liters).

1. Locate the removable drain plug on the side of the roller drum.
2. Unscrew and remove the drain plug.
3. Carefully fill the drum with water or sand. For sand, a funnel may be helpful.
4. Once filled to the desired level, securely reinsert and tighten the drain plug to prevent leakage.



Figure 5.1: The roller drum can hold up to 17 gallons (63 liters) of water or sand, easily filled and drained via the removable plug.

5.2 Manual Operation

For smaller areas or precise control, the roller can be pushed or pulled manually using the comfortable gripping handle.

- Grip the handle firmly with both hands.
- Push or pull the roller across the lawn in overlapping passes to ensure even coverage.
- The round edges of the drum are designed to ensure smooth turns without damaging the lawn.



Figure 5.2: Manual operation of the lawn roller for precise control and smaller areas.

5.3 Tow-Behind Operation

For larger lawns or when using a tractor, attach the roller using the tow bar.

- Connect the tow bar to the back of your tractor using the latch and pin mechanism. Ensure it is securely fastened.
- Drive the tractor at a slow, steady pace, making overlapping passes to roll the lawn evenly.
- The triangular structure of the handle bar provides stability during operation.



Figure 5.3: The lawn roller connected to a tractor for tow-behind operation on larger lawns.

6. Maintenance

Proper maintenance will extend the life of your IRONMAX Lawn Roller.

- **Draining:** After each use, especially before storing for extended periods or in freezing temperatures, drain the water or sand from the roller drum using the removable drain plug.
- **Cleaning:** The integrated scraper bar helps prevent the accumulation of debris and soil on the drum. Periodically clean any remaining debris from the scraper bar and the roller surface.
- **Rust Prevention:** The steel construction is coated with anti-rust paint. Inspect the roller regularly for any signs of paint damage or rust. Touch up any affected areas to maintain protection.
- **Storage:** Store the lawn roller in a dry, protected area. The design allows it to be hung on a wall to save space.



Figure 6.1: The lawn roller can be hung on a wall for convenient storage.

7. Troubleshooting

If you encounter issues with your lawn roller, consider the following:

- **Uneven Rolling:** Ensure the roller drum is filled evenly with water or sand. Adjust the amount of fill material to achieve the desired weight and pressure for your lawn conditions.
- **Difficulty Filling:** If using sand, a funnel can significantly ease the filling process through the drain plug opening.
- **Roller Not Moving Smoothly:** Check for any debris caught between the scraper bar and the drum, or around the axle. Ensure the drum rotates freely.

8. Specifications

Feature	Specification

Feature	Specification
Brand	IRONMAX
Model Number	HY-4008GN
Material	Alloy Steel
Color	Green
Capacity	17 Gallons / 63 Liters (Water or Sand)
Item Weight (Empty)	31.5 Pounds
Product Dimensions (L x W x H)	54"D x 12"W x 54"H (Overall)
Drum Dimensions (L x Diameter)	35.5" x 12"
Operation Mode	Manual Push/Pull, Tow-Behind
Assembly Required	Yes
UPC	798470105195

Product Dimensions



Figure 8.1: Key dimensions of the IRONMAX Lawn Roller.

9. Warranty and Support

For warranty information, product support, or to inquire about replacement parts, please contact IRONMAX directly or refer to the documentation provided at the time of purchase. Keep your purchase receipt as proof of purchase.

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.

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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