

SnowDogg WB155BG

SnowDogg SaltDogg WB155BG Walk-Behind Broadcast Salt Spreader

Instruction Manual

For Model: WB155BG

1. INTRODUCTION

This manual provides essential information for the safe and effective assembly, operation, and maintenance of your SnowDogg SaltDogg WB155BG Walk-Behind Broadcast Salt Spreader. Please read all instructions carefully before using the product to ensure proper function and to prevent injury or damage.

The SaltDogg WB155BG is designed for spreading granular materials such as salt, ice melt, and fertilizer over various surfaces. Its robust steel frame and 100 lb capacity make it suitable for professional and residential use.

2. SAFETY INFORMATION

Always observe the following safety precautions to reduce the risk of injury or damage:

- **Read the Entire Manual:** Understand all instructions and warnings before operation.
- **Wear Appropriate Safety Gear:** Use eye protection, gloves, and sturdy footwear.
- **Keep Clear of Moving Parts:** Ensure hands, feet, and clothing are away from the spinner and wheels during operation.
- **Do Not Overload:** Adhere to the 100 lb capacity limit to prevent damage to the spreader and ensure safe handling.
- **Use on Level Ground:** Load and unload the spreader on stable, level surfaces.
- **Store Safely:** Keep the spreader in a dry, secure location, out of reach of children.
- **Material Compatibility:** Only use materials recommended for broadcast spreaders. Avoid using powdered or clumpy materials that can clog the mechanism.

3. PARTS LIST

Before assembly, ensure all components are present:

- Hopper with Lid
- Steel Frame Assembly
- Handle Assembly
- Wheels (2)
- Axle
- Control Rod
- Hardware Kit (bolts, nuts, washers, cotter pins)
- Spreader Mechanism (pre-assembled to frame)
- Material Flow Gate

4. SETUP AND ASSEMBLY

Follow these steps to assemble your SaltDogg WB155BG spreader:

1. **Attach Wheels:** Slide each wheel onto the axle, securing with washers and cotter pins. Ensure wheels spin freely.
2. **Mount Handle:** Secure the handle assembly to the main frame using the provided bolts and nuts. Tighten securely.
3. **Connect Control Rod:** Attach the control rod from the handle to the material flow gate mechanism. Ensure the control lever on the handle smoothly opens and closes the gate.
4. **Install Hopper:** Place the hopper onto the frame, aligning mounting holes. Secure with bolts and nuts.
5. **Final Check:** Verify all connections are tight and moving parts operate without obstruction.



Figure 4.1: Fully assembled SaltDogg WB155BG Walk-Behind Broadcast Salt Spreader.



Figure 4.2: Side view of the SaltDogg WB155BG, showing the handle and hopper.

5. OPERATING INSTRUCTIONS

Proper operation ensures efficient spreading and longevity of your unit.

5.1 Loading Material

1. Ensure the flow gate is completely closed before loading.
2. Place the spreader on a level surface.
3. Carefully pour the desired granular material into the hopper. Do not exceed the 100 lb capacity.
4. Close the hopper lid to prevent moisture from entering and material from spilling.



Figure 5.1: Top view of the hopper, showing the protective grate to prevent large clumps from entering the spreading mechanism.

5.2 Adjusting Spread Rate

The spread rate is controlled by the lever on the handle, which adjusts the opening of the material flow gate. Test the spread rate in a small, inconspicuous area before full application.

- Move the lever to a lower setting for a lighter application.
- Move the lever to a higher setting for a heavier application.
- Refer to the material manufacturer's recommendations for specific application rates.

5.3 Spreading Material

1. Begin walking at a consistent pace before opening the flow gate.
2. Push the spreader forward, maintaining a steady speed. The wheels drive the spinner mechanism.
3. Overlap passes slightly to ensure even coverage.
4. Close the flow gate before stopping or turning to prevent over-application in one spot.
5. When finished, close the flow gate and empty any remaining material from the hopper.



Figure 5.2: Close-up view of the wheels and the gear-driven spreading mechanism, which activates as the spreader is pushed.

6. MAINTENANCE

Regular maintenance extends the life of your spreader.

- **Cleaning:** After each use, especially with corrosive materials like salt, thoroughly clean the hopper, spinner, and frame with water. Dry completely to prevent rust.
- **Lubrication:** Periodically lubricate moving parts such as the axle and control rod pivot points with a water-resistant grease or silicone spray.
- **Inspection:** Regularly check all bolts, nuts, and pins for tightness. Inspect wheels and tires for wear or damage.
- **Storage:** Store the spreader in a dry, covered area to protect it from the elements.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Material not spreading	Flow gate closed; Material clogged; Spinner not rotating	Open flow gate; Clear obstruction from hopper/gate; Check for debris in spinner mechanism or drive gears.
Uneven spread pattern	Inconsistent walking speed; Material clumping; Spinner obstructed	Maintain steady pace; Break up clumps in hopper; Clear spinner.

Problem	Possible Cause	Solution
Difficulty pushing spreader	Overloaded; Wheels/axle need lubrication; Tire pressure low (if applicable)	Reduce material load; Lubricate axle; Check tire pressure.
Control lever stiff or stuck	Control rod bent or corroded; Debris in flow gate mechanism	Inspect and straighten/replace control rod; Clean flow gate area; Lubricate pivot points.

8. SPECIFICATIONS

- **Model:** WB155BG
- **Capacity:** 100 lbs
- **Frame Material:** Steel, Black Powder-Coated
- **Hopper Material:** Polyethylene
- **Spreading Mechanism:** Broadcast, Gear-Driven
- **Item Weight:** Approximately 1 pound (shipping weight may vary)
- **Product Dimensions:** Approximately 1 x 1 x 1 inches (packaging dimensions may vary)

9. WARRANTY AND SUPPORT

For warranty information or technical support, please contact SnowDogg customer service. Keep your purchase receipt as proof of purchase.

Manufacturer: BA Products

For further assistance, visit the official SnowDogg website or contact your authorized dealer.