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Garvee buX-cf01QbryX9O6Bwh-Bf7Vb01Q

Garvee 5 FT Notched Disc Harrow Plow User Manual

Model: buX-cf01QbryX9O6Bwh-Bf7Vb01Q

1. Product Overview

The Garvee 5 FT Notched Disc Harrow Plow is an agricultural implement designed for efficient soil preparation. It features 16-inch notched discs and is compatible with Category 0 and 1 tractor 3-point hitches. This tool is ideal for various tasks including soil turning, weeding, leveling, and preparing seedbeds.

Key Features:

- **Standard Size & Specifications:** Overall dimensions are 60"W × 45"D × 30.5"H. Features 3-point hitch lower lift pins that are 3.5" long with 28" center-to-center spacing. Equipped with 16" diameter notched discs spaced 7.5" apart.
- **Versatile Application:** Cost-effective solution for soil turning, weed removal, and breaking up crop debris. Suitable for soil preparation, field leveling, pasture renovation, and creating seedbeds.
- **Universal Compatibility:** Designed for direct mounting onto Category 0 & 1 3-point hitches without modifications, welding, or extra drilling. Easy attachment using the top link and lower lift pins.
- **Heavy-Duty Construction:** Built with 2.5" × 2.5" heavy-duty steel tubing and a rust-resistant powder coating. Features hardened steel 16" notched discs, cast-iron bearing caps, and oil-able spindles for durability.
- **High-Performance Notched Discs:** Sharp 16" notched discs efficiently cut through wet, compacted soil, minimize clogging, and slice through thick crop residue. Effective for untilled fields, destroying weed roots, and improving soil breakdown.

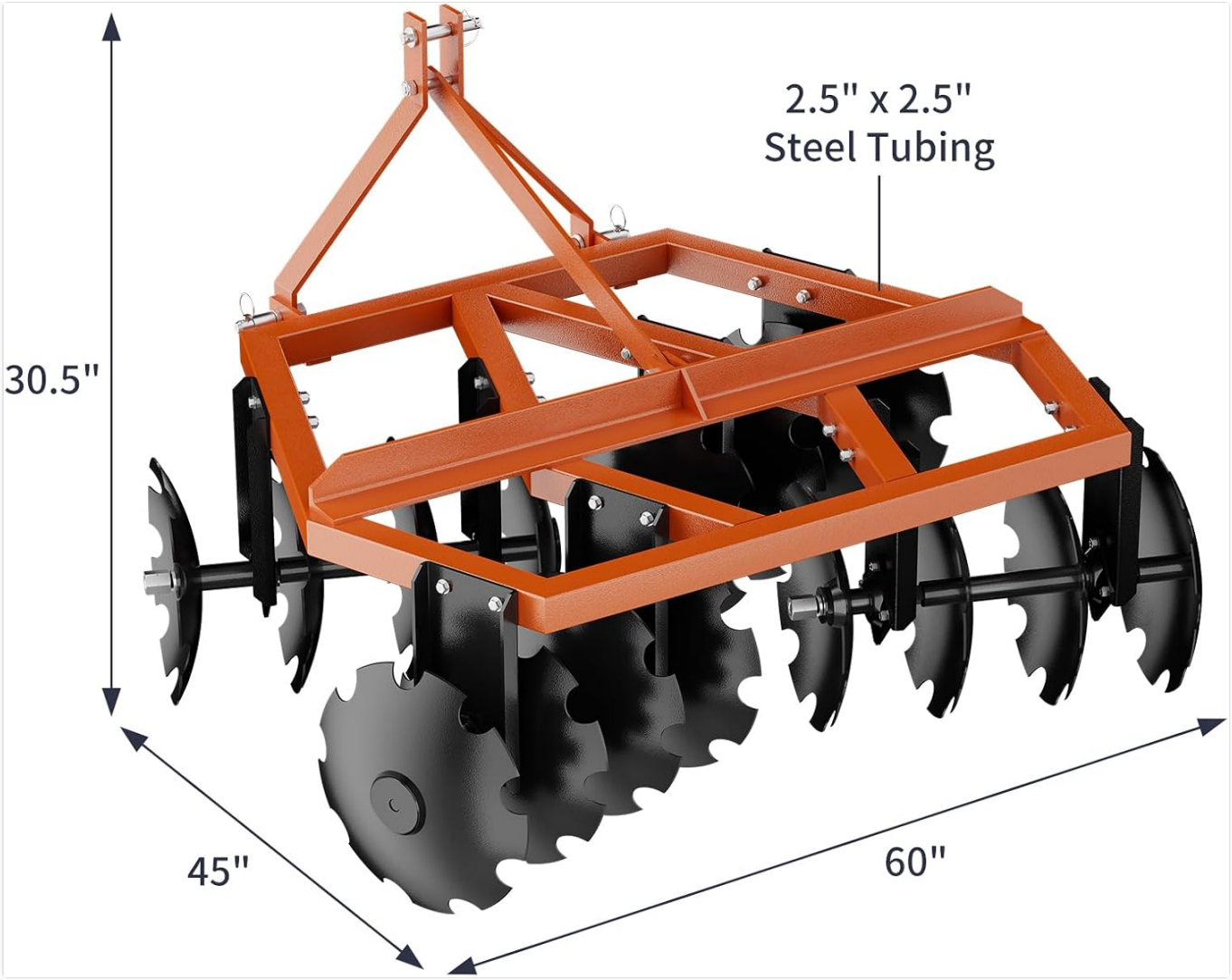


Figure 1: Garvee 5 FT Notched Disc Harrow Plow with key dimensions (60"W x 45"D x 30.5"H) and 2.5" x 2.5" steel tubing highlighted.

2. Safety Information

Always prioritize safety when operating agricultural machinery. Read and understand all instructions before assembly, operation, or maintenance.

- **Operator Safety:** Ensure only trained and authorized personnel operate the disc harrow. Wear appropriate personal protective equipment (PPE), including safety glasses, gloves, and sturdy footwear.
- **Tractor Compatibility:** Verify that your tractor's horsepower and weight capacity are suitable for safely operating this 5 FT disc harrow. Ensure the 3-point hitch system is in good working order.
- **Pre-Operation Checks:** Before each use, inspect all bolts, pins, and connections for tightness. Check discs for damage or wear. Ensure all safety guards are in place.
- **Operating Environment:** Clear the work area of any obstacles, debris, or personnel. Be aware of uneven terrain, slopes, and hidden hazards.
- **Attachment and Detachment:** Always use caution when attaching or detaching the implement. Ensure the tractor is on level ground, engine off, and parking brake engaged.
- **Children and Bystanders:** Keep children and bystanders a safe distance away from the operating area.
- **Transport:** When transporting the disc harrow, ensure it is securely raised and locked in the transport position. Drive at a safe speed, especially on public roads.

3. Assembly and Setup

The Garvee Disc Harrow is designed for straightforward assembly and attachment to Category 0 or 1 tractors.

3.1 Unpacking and Inspection

1. Carefully unpack all components from the shipping crate.
2. Verify that all parts listed in the packing list are present and undamaged. Contact your supplier immediately if any parts are missing or damaged.

3.2 Attaching to a Tractor (3-Point Hitch)

This disc harrow is compatible with Category 0 and 1 tractor 3-point hitches without modification.

1. Position the tractor on level ground, engage the parking brake, and turn off the engine.
2. Align the tractor's lower lift arms with the lower lift pins (3.5" long, 28" center-to-center spacing) on the disc harrow.
3. Secure the lower lift pins with appropriate hitch pins.
4. Connect the tractor's top link to the top hitch point on the disc harrow. Adjust the top link to achieve the desired angle for the disc harrow.
5. Ensure all connections are secure and pins are properly locked.



Figure 2: Close-up view of the 16-inch notched disc blades, essential for effective soil penetration and cutting.



Figure 3: Side view illustrating the arrangement and spacing of the disc harrow blades.

4. Operating Instructions

Proper operation ensures effective soil preparation and extends the life of your disc harrow.

4.1 Pre-Operation Checklist

- Ensure all safety guidelines are understood and followed.
- Check all bolts and pins for tightness.
- Inspect discs for damage or excessive wear.
- Verify proper lubrication of oil-fillable spindles.
- Adjust the top link to set the desired working angle and depth of the discs.

4.2 Tilling Procedure

1. Start the tractor and slowly lower the disc harrow into the soil using the 3-point hitch control.
2. Begin tilling at a slow, consistent speed. Adjust tractor speed and disc depth based on soil conditions and desired results.
3. For optimal results, make multiple passes over the field, overlapping each pass slightly to ensure complete coverage.
4. Observe the soil being worked. The notched discs should effectively cut, turn, and mix the soil, breaking up clods and

crop residue.

5. Avoid operating the disc harrow at excessive speeds, which can lead to poor tilling quality and increased wear on components.
6. When turning at the end of a row, raise the disc harrow completely to prevent damage to the discs and reduce stress on the tractor.



Figure 4: The Garvee disc harrow in operation, attached to a tractor, effectively tilling soil in a field.



Figure 5: Another view of the disc harrow attached to a tractor, demonstrating its use in preparing agricultural land.

5. Maintenance

Regular maintenance is crucial for the longevity and optimal performance of your Garvee Disc Harrow.

- **Cleaning:** After each use, clean soil, crop residue, and debris from the discs and frame. This prevents rust and ensures smooth operation.
- **Lubrication:** The disc harrow is equipped with oil-fillable spindles. Regularly check and replenish oil as needed to ensure proper lubrication of the disc bearings. Refer to the specific lubrication points on the implement.
- **Bolt and Pin Checks:** Periodically inspect all bolts, nuts, and pins for tightness. Tighten any loose fasteners to prevent component damage or loss.
- **Disc Inspection:** Examine the notched discs for wear, cracks, or bending. Worn or damaged discs should be replaced to maintain tilling effectiveness.
- **Rust Prevention:** The steel tubing has a rust-resistant powder coating. However, if the coating is scratched or damaged, touch up with rust-inhibiting paint to prevent corrosion.

- **Storage:** Store the disc harrow in a dry, covered area when not in use to protect it from weather elements.



Figure 6: Detailed view of the disc harrow's frame and disc assembly, highlighting areas for inspection and maintenance.

6. Troubleshooting

This section addresses common issues you might encounter during the operation of your disc harrow.

Problem	Possible Cause	Solution
Poor soil penetration/shallow tilling	• Incorrect top link adjustment • Soil too hard/dry • Worn discs	• Adjust top link to increase disc angle. • Consider tilling after rain or irrigation. • Replace worn discs.

Problem	Possible Cause	Solution
Discs clogging with debris	• Excessive crop residue • Wet, sticky soil • Operating speed too slow	• Clear residue before tilling. • Wait for soil to dry slightly. • Increase operating speed slightly (within safe limits).
Uneven tilling	• Uneven ground • Improper top link adjustment • Loose hitch connections	• Adjust operating depth for terrain. • Re-adjust top link for level operation. • Tighten all hitch connections.

7. Specifications

Feature	Detail
Overall Dimensions (W x D x H)	60" x 45" x 30.5" (152.4 x 114.3 x 77.47 cm)
Weight	203 kg
Hitch Type	3-Point Hitch (Category 0 & 1 compatible)
Lower Lift Pins	3.5" long, 28" center-to-center spacing
Disc Diameter	16 inches
Disc Type	Notched, Hardened Steel
Spacing Between Discs	7.5 inches
Frame Material	2.5" x 2.5" Steel Tubing
Coating	Rust-resistant powder coating
Bearings	Cast-iron bearing caps with oil-fillable spindles
Model Number	buX-cf01QbryX9O6Bwh-Bf7Vb01Q
ASIN	B0H41KT4HW

8. Warranty and Support

For specific warranty details, please refer to the documentation provided at the time of purchase or contact the retailer/manufacturer directly. Garvee is committed to providing quality products and customer satisfaction.

If you encounter any issues or require technical assistance, please contact Garvee customer support through their official website or the retailer from whom you purchased the product. When contacting support, please have your model number (buX-cf01QbryX9O6Bwh-Bf7Vb01Q) and ASIN (B0H41KT4HW) readily available.

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