Yard Tuff YTF-72PSR

Yard Tuff 72-Inch Tow-Behind Rake (Model YTF-72PSR) Instruction Manual

For ATV, UTV, or Tractor Use

1. Introduction and Overview

This manual provides essential information for the safe and effective use of your Yard Tuff 72-Inch Tow-Behind Rake, Model YTF-72PSR. This durable steel rake is designed for efficient collection of pine straw, leaves, grass, and other light debris across a wide area.

Key features include:

- 72-inch working width for extensive coverage.
- 28 durable 5/16-inch spring steel tines.
- Two 15-inch pneumatic tires for varied terrain.
- Integrated lift handle for debris release.
- Pin hitch for attachment to ATVs, UTVs, or utility tractors.



Figure 1.1: The Yard Tuff 72-Inch Tow-Behind Rake in operation, demonstrating its wide coverage area.



Figure 1.2: Product dimensions and types of debris the rake is designed to collect.

2. Safety Information

Read and understand all instructions before operating this equipment. Failure to follow safety guidelines can result in serious injury or property damage.

General Safety Precautions:

- Always wear appropriate personal protective equipment (PPE), including safety glasses and sturdy footwear.
- Ensure all fasteners are securely tightened before each use.
- Keep children and bystanders away from the operating area.
- Do not operate the rake on excessively steep slopes or uneven terrain that could cause instability.
- Always attach the rake securely to the towing vehicle using the provided pin hitch.
- Never exceed the recommended towing speed for your vehicle and terrain conditions.
- Be aware of potential hazards such as hidden obstacles, rocks, or roots that could damage the rake or cause an accident.
- Exercise caution when using the lift handle to avoid pinching or crushing injuries.

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Proper handling and precautions are required.

3. Assembly Instructions

The Yard Tuff 72-Inch Tow-Behind Rake requires assembly. It is recommended to have assistance during the assembly process due to the size and weight of components.

Before You Begin:

- Unpack all components and verify against the parts list (not provided in this document, refer to packaging).
- Ensure you have all necessary tools, typically wrenches and possibly a socket set.
- Perform assembly on a flat, stable surface.

Assembly Steps (General Guidance):

1. Attach the wheel axles and pneumatic tires to the main frame.
2. Secure the spring steel tines to the rake bar. Ensure all tines are properly seated and secured.
3. Assemble the hitch arm and attach it to the main frame.
4. Install the lift handle mechanism. Ensure it operates smoothly to raise and lower the tines.
5. Double-check all nuts, bolts, and fasteners for tightness.

Note: Some users have reported that the assembly instructions provided with the product may be minimal. Basic mechanical aptitude is helpful. Ensure all bolts are correctly sized for their respective holes.

4. Operation

Proper operation ensures efficient debris collection and extends the life of your rake.

Attaching the Rake:

- Align the rake's pin hitch with the hitch receiver on your ATV, UTV, or utility tractor.
- Insert the hitch pin and secure it with a cotter pin or R-clip.
- Ensure the connection is secure and there is no excessive play.



Figure 4.1: The rake attached to a tractor, ready for operation.

Raking Procedure:

- Lower the tines using the lift handle to engage the ground.
- Begin towing at a slow, consistent speed. Adjust speed as needed for optimal collection based on debris type and density.
- Make overlapping passes to ensure thorough coverage of the area.
- For very dense or heavy debris, multiple passes may be required.



Figure 4.2: The rake effectively gathering branches and other yard debris.

Dumping Debris:

- When the rake is full, or you reach your desired dumping location, stop the towing vehicle.
- Use the lift handle to raise the tines, allowing the collected debris to drop.
- Once the debris is released, lower the tines to resume raking.

Your browser does not support the video tag.

Video 4.1: Demonstration of the Yard Tuff Tow-Behind Pine Straw Rake, including attachment and lift handle operation.

5. Maintenance

Regular maintenance ensures the longevity and optimal performance of your Yard Tuff rake.

After Each Use:

- Clean any accumulated debris from the tines and frame.
- Inspect the tines for any bends, breaks, or damage. Replace damaged tines as necessary.

- Check all nuts, bolts, and pins for tightness. Tighten any loose fasteners.
- Inspect the pneumatic tires for proper inflation and any signs of wear or damage.

Seasonal Maintenance:

- Lubricate moving parts, such as the lift handle pivot points and wheel axles, with appropriate grease or oil.
- Store the rake in a dry, protected area to prevent rust and weather damage.
- Consider applying a rust-inhibiting spray to exposed metal surfaces if storing in humid conditions.

6. Troubleshooting

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

Issue: Rake not picking up debris effectively or bouncing over uneven ground.

- **Possible Cause:** Insufficient downward pressure on the tines.
- **Solution:** The rake may require additional weight, especially on uneven terrain or for heavier debris. Consider placing a suitable weight (e.g., bricks, sandbags) on the rake frame.
- **Possible Cause:** Towing speed is too high.
- **Solution:** Reduce towing speed. Slower speeds often allow tines to engage debris more effectively.
- **Possible Cause:** Tines are bent or damaged.
- **Solution:** Inspect tines and replace any that are significantly bent or broken.

Issue: Lift handle is stiff or difficult to operate.

- **Possible Cause:** Pivot points lack lubrication or are obstructed.
- **Solution:** Apply lubricant to all pivot points of the lift mechanism. Clear any debris that may be interfering with movement.
- **Possible Cause:** Fasteners are overtightened.
- **Solution:** Loosen fasteners slightly at pivot points, ensuring they are still secure enough to prevent components from separating.

7. Specifications

Feature	Specification
Model Number	YTF-72PSR
Brand	Yard Tuff
Working Width	72 inches
Overall Dimensions (L x W x H)	53" x 73" x 46"
Number of Tines	28
Tine Material	5/16-inch Spring Steel
Tire Size	15-inch Pneumatic
Hitch Type	Pin Hitch
Frame Material	Durable Steel with Powder-Coated Finish

Feature	Specification
Item Weight	98 Pounds
Manufacturer	TRI Global Enterprises, Inc.
UPC	832830005029



Figure 7.1: Visual representation of key dimensions and weight.

8. Warranty and Support

For warranty information or technical support, please contact the manufacturer, TRI Global Enterprises, Inc., or your authorized dealer. Keep your purchase receipt and model number (YTF-72PSR) readily available when contacting support.