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› [MaxAuto](#) /

› MaxAuto 18x8.50-8 Lawn Mower & Golf Cart Turf Tires User Manual

## MaxAuto 18X8.50-8

# MaxAuto 18x8.50-8 Lawn Mower & Golf Cart Turf Tires User Manual

Model: 18X8.50-8

## 1. PRODUCT OVERVIEW

The MaxAuto 18x8.50-8 turf tires are designed for optimal performance on lawn mowers, riding lawn mowers, lawn tractors, garden tractors, and golf carts. These tubeless tires feature a 4-ply rating (4PR/B) and a P332 tread pattern, engineered to provide reliable traction while minimizing damage to turf surfaces.

Key features include:

- **Turf Tech Tread:** Specifically designed to offer dependable traction on various terrains, including hills and inclines, while significantly reducing lawn damage.
- **Durable Construction:** Built with a 4-ply rating for enhanced durability and load-bearing capacity.
- **Tubeless Design:** Simplifies installation and maintenance.
- **Versatile Compatibility:** Suitable for a wide range of lawn and garden equipment requiring 18x8.50-8, 18x8.5x8, or 18x8.5-8 tire sizes.

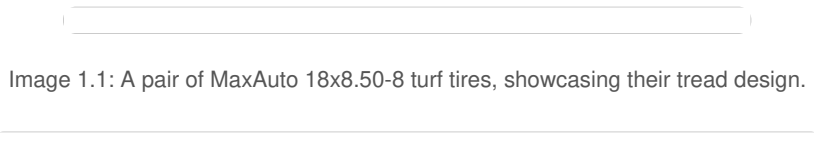


Image 1.1: A pair of MaxAuto 18x8.50-8 turf tires, showcasing their tread design.

Image 1.2: Detailed view of the unique tread pattern, highlighting the transverse and longitudinal grooves designed for traction and minimal turf damage.

## 2. SETUP AND INSTALLATION

Before installing your new MaxAuto tires, ensure you have the correct size and type for your equipment. Always consult your equipment's manufacturer manual for specific tire installation procedures and safety guidelines.

## 2.1 Pre-Installation Check

- Verify the tire size (18x8.50-8) matches your equipment's requirements.
- Inspect the tires for any visible damage or defects.
- Ensure you have the necessary tools for tire removal and installation (e.g., tire irons, valve stem tool, air compressor).

## 2.2 Installation Steps (General Guidelines)

1. Safely lift and secure your equipment to prevent accidental movement.
2. Remove the old tire and wheel assembly.
3. Carefully remove the old tire from the rim.
4. Clean the rim thoroughly, removing any rust or debris.
5. Lubricate the tire beads and rim flanges with appropriate tire mounting lubricant.
6. Mount the new MaxAuto tubeless tire onto the rim, ensuring the tread direction (if applicable) is correct.
7. Inflate the tire to the recommended pressure (refer to Section 6: Specifications) using an air compressor. Listen for the beads to seat properly.
8. Install the wheel assembly back onto your equipment, tightening lug nuts to the manufacturer's specified torque.

**Caution: Tire installation can be dangerous. If you are not experienced, seek professional assistance to avoid injury.**



Image 2.1: Sidewall detail showing tire size and load information. Note: These tires are for Non-Highway service.

## 3. OPERATING GUIDELINES

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These MaxAuto turf tires are designed for specific applications to ensure optimal performance and longevity. Adhering to proper operating practices will maximize tire life and maintain turf integrity.

### 3.1 Recommended Usage

- These tires are intended for use on lawn mowers, riding lawn mowers, garden tractors, golf carts, and similar low-speed, turf-friendly equipment.
- They are specifically engineered for turf applications, providing excellent traction without damaging delicate lawns.
- Avoid using these tires on public highways or at speeds exceeding the equipment's design limits.

### 3.2 Load and Speed Considerations

- Do not exceed the maximum load capacity of 815 lbs per tire. Overloading can lead to premature wear, tire failure, and safety hazards.
- Maintain appropriate operating speeds. Excessive speed, especially with heavy loads, can generate heat and stress on the tires.




Image 3.1: Examples of major applications for MaxAuto 18x8.50-8 tires, including lawn mowers, garden tractors, riding mowers, and farm equipment.




Image 3.2: Visual representation of the tires being used on a lawn mower, lawn tractor, and golf cart, demonstrating their versatility.

## 4. MAINTENANCE

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Regular maintenance is crucial for extending the lifespan of your MaxAuto turf tires and ensuring safe operation.

### 4.1 Tire Pressure

- Check tire pressure regularly, ideally before each use or at least once a month.
- Maintain the recommended pressure of 22 PSI (Pounds per Square Inch).
- Under-inflation can lead to excessive heat buildup, increased wear on the shoulders, and reduced fuel efficiency.
- Over-inflation can result in a harsher ride, reduced traction, and increased wear in the center of the tread.

### 4.2 Inspection for Wear and Damage

- Visually inspect tires for cuts, punctures, cracks, bulges, or uneven wear.
- Measure tread depth periodically. Replace tires when tread depth is significantly reduced or wear indicators are visible.
- Remove any embedded foreign objects (stones, glass, nails) from the tread.

### 4.3 Cleaning and Storage

- Clean tires with mild soap and water to remove dirt, grass clippings, and chemicals.
- Store equipment with tires in a cool, dry place away from direct sunlight, extreme temperatures, and ozone-producing equipment (e.g., electric motors).
- If storing for extended periods, consider lifting the equipment to take weight off the tires or periodically rotating the tires to prevent flat spots.



Image 4.1: Overhead view of the tire tread, useful for inspecting wear patterns.

## 5. TROUBLESHOOTING

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This section addresses common issues you might encounter with your MaxAuto turf tires.

### 5.1 Low Tire Pressure

- **Symptom:** Tire appears flat or squishy, poor handling, increased fuel consumption.
- **Solution:** Check pressure with a reliable gauge. Inflate to 22 PSI. If pressure drops quickly, inspect for punctures or leaks around the rim or valve stem.

### 5.2 Uneven Tread Wear

- **Symptom:** Tread worn more on shoulders (under-inflation) or center (over-inflation).
- **Solution:** Ensure correct tire pressure is maintained. For equipment with multiple tires, check alignment or balance if applicable.

### 5.3 Loss of Traction

- **Symptom:** Equipment slips or struggles on inclines or wet turf.
- **Solution:** Verify tire pressure. Check tread for excessive wear or clogging with mud/debris. Ensure the tire is appropriate for the terrain.

### 5.4 Tire Puncture/Leak

- **Symptom:** Tire deflates rapidly or slowly.
- **Solution:** Locate the source of the leak (e.g., by spraying soapy water). Small punctures in the tread area may be repairable by a professional. Sidewall damage usually requires tire replacement.

## 6. SPECIFICATIONS

Detailed technical specifications for the MaxAuto 18x8.50-8 Turf Tires:



Image 6.1: Visual representation of tire specifications.

Parameter	Value
Tire Size	18x8.50-8 inches
Tire Load Range	4PR / B
Tyre Type	Tubeless
Tread Depth	0.28 inches / 7.1 mm
Rim Width	7 inches
Section Width	8.2 inches / 210 mm
Overall Diameter	17.75 inches / 455 mm
Max Load	815 lbs @ 22 psi
Ply Rating	4-Ply
Tread Type	Non-Directional
Application	Lawn Mower, Riding Lawn Mower, Garden Tractor, Golf Cart, etc.
Service Type	Non-Highway Service



Image 6.2: Tire dimension diagram, showing height, width, and wheel diameter.

## 7. WARRANTY AND SUPPORT

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MaxAuto is committed to providing high-quality products. While specific warranty details are not provided in this manual, general product support and return policies are typically handled through the point of purchase.

### 7.1 Return Policy

This product is subject to a 30-day refund/replacement return policy from the date of purchase. Please refer to the retailer's return policy for detailed terms and conditions.

### 7.2 Manufacturer Information

Manufactured by PartsSquare.

For further assistance or inquiries regarding your MaxAuto tires, please contact the seller or refer to the MaxAuto brand store on Amazon for additional resources and contact information.

[Visit the MaxAuto Store on Amazon](#)

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