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› STMHOM Trailer Tires 5.30-12 6PR User Manual

STMHOM 5.30-12 6PR

STMHOM Trailer Tires User Manual

Model: 5.30-12 6PR

1. PRODUCT OVERVIEW

This manual provides essential information for the proper installation, operation, and maintenance of your STMHOM 5.30-12 6PR trailer tires. Designed for reliable performance, these tires are built to meet the demands of various trailer applications.



Figure 1: Two STMHOM 5.30-12 6PR Trailer Tires. These tires feature a robust construction suitable for trailer use.

2. KEY FEATURES

- **Tire Size:** 5.3-12, Load Range: C, Tire Composition: 6 Ply, Load Index: 80
- **Tread Depth:** 6mm, Speed Rating: K, Max Capacity: 475lbs, Maximum PSI: 80
- **Overall Diameter:** 21.6 inch, Rim Size: 12x4 inch, Bolt pattern: 5 on 4-1/2"
- **Dimensions:** Center Bore: 3.19 inch, Rim Diameter: 12", Rim Width: 4", Section Width: 135mm (5.31inch)

3. INSTALLATION AND SETUP

Proper installation is crucial for the safety and longevity of your trailer tires. It is recommended that tire installation be

performed by a qualified professional.

3.1 Pre-Installation Check

- Verify that the tire size (5.30-12) and load range (C) match your trailer's requirements.
- Inspect the tire for any visible damage or defects before mounting.
- Ensure the rim is clean, free of rust, and undamaged.

Attention

Each tire has a size branded to its sidewall, This size lists valuable information about your tire. Please check your original tire size information before your purchase.



Figure 2: Tire Sidewall Information. Each tire has its size and load specifications branded on the sidewall. Always verify this information before installation.

3.2 Mounting and Inflation

1. Mount the tire onto the appropriate 12x4 inch rim, ensuring proper bead seating.
2. Inflate the tire to the maximum PSI of 80, as indicated on the tire sidewall and in the specifications. Use a reliable pressure gauge.
3. Check for leaks around the bead and valve stem.
4. Balance the tire and wheel assembly to prevent vibration and uneven wear.

4. OPERATING GUIDELINES

Adhering to these guidelines will ensure safe operation and extend the life of your trailer tires.

- **Load Capacity:** Do not exceed the maximum load capacity of 475 lbs per tire. Overloading can lead to tire failure.
- **Speed Rating:** Observe the K speed rating, which corresponds to a maximum speed of 110 km/h (68 mph).
- **Tire Pressure:** Regularly check and maintain the recommended tire pressure of 80 PSI. Under-inflation or over-inflation can cause premature wear and handling issues.
- **Driving Conditions:** Avoid sudden starts, stops, and sharp turns, especially when the trailer is heavily loaded.

5. MAINTENANCE

Regular maintenance is key to maximizing the lifespan and performance of your trailer tires.

5.1 Tire Pressure Checks

Check tire pressure before each trip, or at least monthly, using an accurate tire pressure gauge. Adjust to 80 PSI when tires are cold.

5.2 Visual Inspection

Regularly inspect tires for:

- Cuts, cracks, bulges, or punctures.
- Uneven wear patterns, which may indicate alignment or balancing issues.
- Foreign objects embedded in the tread.

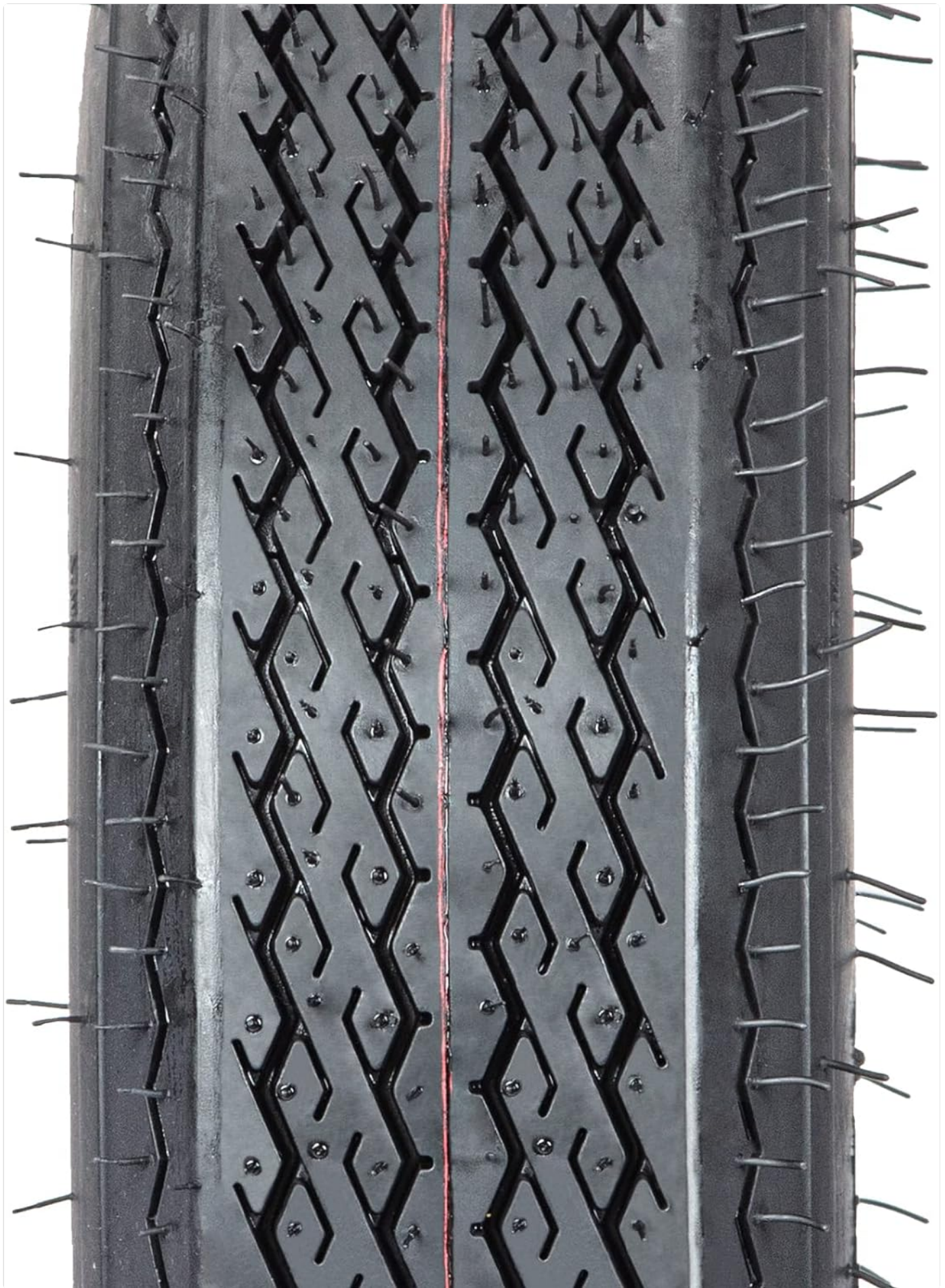


Figure 3: Tire Tread Pattern. Regularly inspect the tread for wear and foreign objects. The tread depth is 6mm when new.

5.3 Tire Rotation

Rotate trailer tires periodically to promote even wear, typically every 5,000 to 8,000 miles, or as recommended by your

trailer manufacturer.

5.4 Storage

When storing a trailer for extended periods, elevate the tires off the ground if possible, or move the trailer occasionally to prevent flat spots. Store in a cool, dry place away from direct sunlight and chemicals.

6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Uneven Tread Wear	Improper inflation, misalignment, unbalanced wheels, worn suspension components.	Check and adjust tire pressure. Have alignment and wheel balancing checked by a professional. Inspect suspension.
Rapid Air Loss	Puncture, faulty valve stem, bead leak, damaged rim.	Inspect tire for punctures. Check valve stem. Have tire re-seated or rim inspected by a professional.
Vibration During Towing	Unbalanced wheels, bent rim, tire defect, loose lug nuts.	Have wheels balanced. Inspect rims for damage. Check and tighten lug nuts to proper torque.

7. SPECIFICATIONS

Attribute	Value
Brand	STMHOM
Model	Trailer Tires (5.30-12 6PR)
Manufacturer Part Number	11206044SS
Tire Size	5.30-12
Load Range	C
Ply Rating	6-Ply
Load Capacity	475 Pounds
Maximum PSI	80
Speed Rating	K
Tread Depth	6 Millimeters
Overall Diameter	21.6 inches
Rim Diameter	12 inches
Rim Width	4 inches
Section Width	135 Millimeters (5.31 inches)

Attribute	Value
Construction Type	Bias
Item Weight (per tire)	~17.95 pounds
Country of Origin	China
UPC	198290717743

8. WARRANTY AND SUPPORT

For warranty information or technical support regarding your STMHOM trailer tires, please contact the seller or manufacturer directly. Keep your purchase receipt as proof of purchase.

Manufacturer: ZHEJIANG QINGDA RUBBER CO.,LTD

For specific inquiries, refer to the contact information provided at the point of purchase or on the product packaging.

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