

TBB_BandSaw_1154

Instruction Manual

Product: 2 Band Saw Tires Urethane Belts

Brand: Generic

Model: TBB_BandSaw_1154

1. INTRODUCTION

These urethane band saw tires are designed as high-quality replacement belts for your band saw, specifically compatible with Boice Crane 2300 Band Saws. They are engineered to enhance cutting performance by providing superior grip and longevity, which reduces blade slippage and improves blade tracking. Made from durable urethane, these tires offer excellent elasticity and resilience, ensuring smooth and accurate cuts for both woodworking and metalworking applications.

Proper installation and maintenance of these tires are crucial for optimal performance and extended tool life. This manual provides detailed instructions for installation, operation guidelines, maintenance tips, and troubleshooting advice.

2. SETUP AND INSTALLATION

Installing your new urethane band saw tires is a straightforward process designed to be completed without removing the band saw wheels, minimizing downtime and potential damage. Each set includes a custom installation tool to assist with this process.

2.1 Preparation

- Ensure your band saw is unplugged from the power source before beginning any installation or maintenance.
- Remove the old band saw tires if they are still present. Clean the wheel rims thoroughly to remove any debris, adhesive residue, or rust. A clean surface ensures proper seating of the new tires.
- Inspect the band saw wheels for any damage or irregularities.

2.2 Tire Installation

Urethane tires are designed to be stretched onto the wheel. This tight fit is essential for proper blade tracking and preventing slippage. The included custom tool helps to stretch the tire over the wheel rim without causing damage to the tire or the wheel.

1. Begin by hooking one edge of the urethane tire onto a section of the band saw wheel rim.
2. Using the custom installation tool, gradually work the rest of the tire around the circumference of the wheel. The tool helps to pry and stretch the tire over the rim.

3. Work slowly and evenly around the wheel, ensuring the tire is stretched uniformly. Avoid using sharp objects or screwdrivers, as these can damage the tire or the wheel.
4. Once the tire is fully seated on the wheel, rotate the wheel by hand to ensure the tire is centered and sits flush against the rim. There should be no bulges or uneven sections.
5. Repeat the process for the second wheel.



Figure 2.1: Two new urethane band saw tires ready for installation.



Figure 2.2: A urethane tire correctly seated on a band saw wheel.

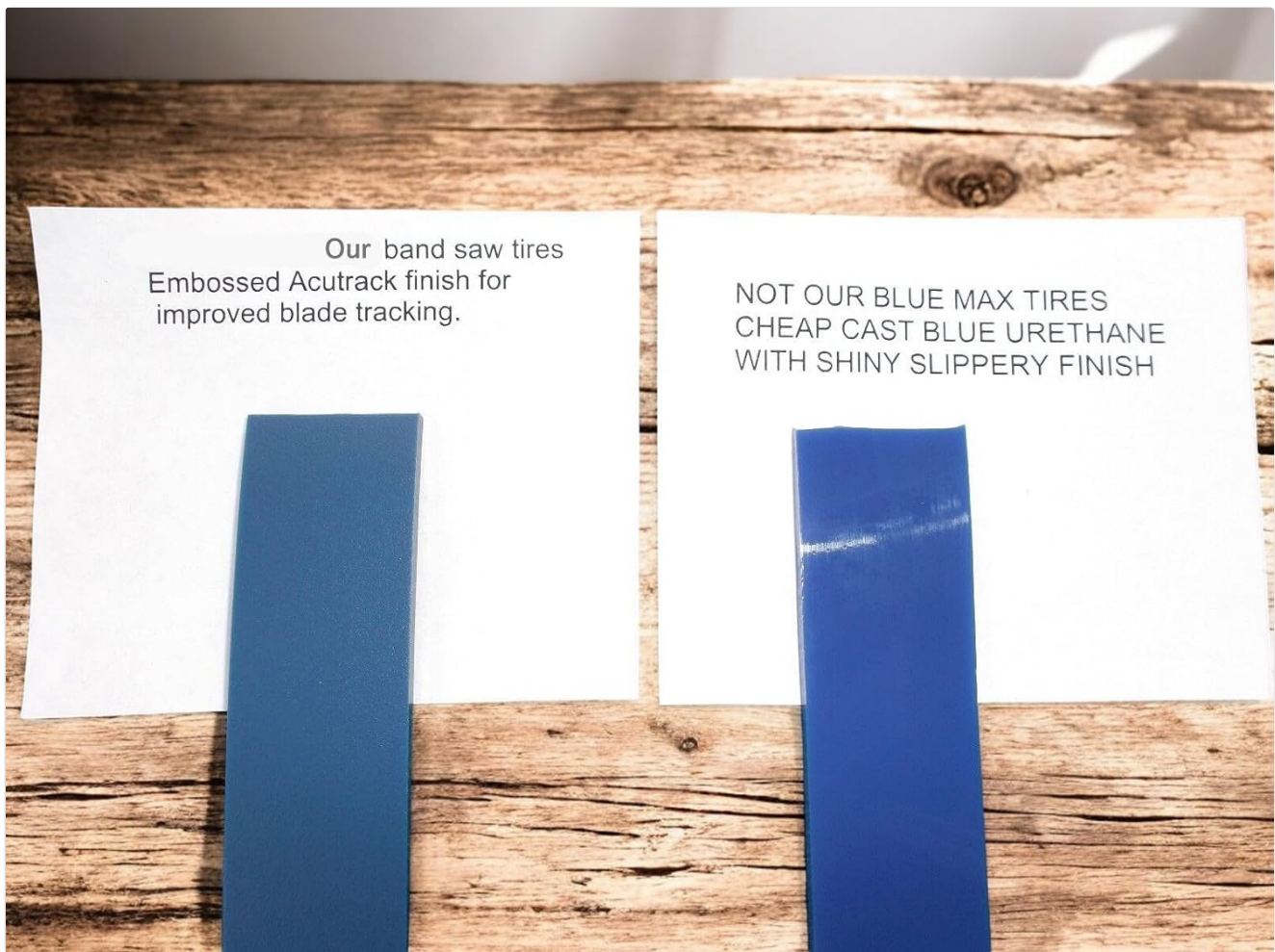


Figure 2.3: Comparison highlighting the embossed Acutrack finish of these tires for improved blade tracking.

3. OPERATING GUIDELINES

Once the new tires are installed, proper operation of your band saw will ensure optimal performance and longevity of both the tires and the blade.

- **Blade Installation:** Install your band saw blade, ensuring it is correctly positioned on the newly installed tires.
- **Blade Tension:** Adjust the blade tension according to your band saw manufacturer's recommendations. Correct tension is vital for straight cuts and prevents premature wear on the tires and blade.
- **Blade Tracking:** Adjust the blade tracking until the blade runs centrally on the crown of the tires. The urethane material and its textured surface are designed to assist with stable blade tracking.
- **Test Run:** Before cutting, perform a brief test run with the blade guard in place to confirm smooth operation and proper blade tracking.

4. MAINTENANCE

Regular maintenance of your band saw tires will extend their lifespan and ensure consistent cutting performance.

- **Cleaning:** Periodically clean the surface of the tires to remove sawdust, resin, or other debris that can accumulate. A stiff brush or compressed air can be used. Avoid using harsh chemicals that could degrade the urethane.
- **Inspection:** Regularly inspect the tires for signs of wear, cracking, or damage. While urethane is highly durable, continuous use can eventually lead to wear.
- **Storage:** If the band saw is to be stored for an extended period, it is advisable to release the blade tension to

prevent flat spots on the tires.

5. TROUBLESHOOTING

Here are some common issues and their potential solutions related to band saw tires:

Problem	Possible Cause	Solution
Blade Slippage	Insufficient blade tension; dirty tires; worn tires.	Adjust blade tension; clean tire surfaces; inspect and replace tires if worn.
Poor Blade Tracking	Tires not seated correctly; improper blade tension; misaligned wheels.	Re-seat tires; adjust blade tension; check wheel alignment (refer to band saw manual).
Tire Damage/Wear	Over-tensioning; abrasive debris; prolonged heavy use.	Ensure correct blade tension; keep tires clean; replace tires as needed.

6. SPECIFICATIONS

Product Name	2 Band Saw Tires Urethane Belts
Brand	Generic
Model Number	TBB_BandSaw_1154
Part Number	TBB_BandSaw_1154
Material	Urethane
Color	Blue
Thickness	0.125 inches (approximate, based on product title)
Compatibility	Boice Crane 2300 Band Saw (and other compatible models)
Product Dimensions	1 x 1 x 1 inches (packaging/shipping dimensions, not tire size)

Note: Actual tire dimensions are designed to fit the specified band saw wheel size. The listed product dimensions refer to the packaged item.

7. WARRANTY AND SUPPORT

Specific warranty information for this product is not provided in the available documentation. For any questions regarding warranty, returns, or product support, please contact the seller directly through the platform where the purchase was made.

Always refer to your band saw's original manufacturer manual for detailed safety instructions and operational procedures.

