

## DNLK 986655571256704

# DNLK Urethane Band Saw Tires for SAMCO FS 350 - User Manual

Brand: DNLK | Model: 986655571256704

## 1. INTRODUCTION

---

This manual provides comprehensive instructions for the installation, proper use, and maintenance of DNLK Urethane Band Saw Tires, specifically designed for the SAMCO COMBINED SURFACE PLANING MACHINE FS 350. These high-quality urethane tires are engineered for superior performance, precise blade tracking, and extended durability.

### Safety Information:

- Always disconnect power to the band saw before performing any installation, maintenance, or adjustments.
- Wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Refer to your band saw's original manufacturer manual for specific safety guidelines and operating procedures.

## 2. PRODUCT OVERVIEW

---

DNLK Urethane Band Saw Tires are crafted from high-grade, friction-resistant urethane, ensuring dependable performance in various environments. They are designed to replace standard rubber tires, offering enhanced durability and operational benefits.

# DNLK™ 2 PACK BLUE MAX<sup>R</sup>

Urethane Tires Compatible  
with Branded Band Saws



Figure 2.1: DNLK Urethane Band Saw Tires, showcasing their compatibility and "Made in USA" quality.

## Key Features:

- **High-Quality Urethane:** Made from high-grade, friction-resistant, ultra-durable urethane with superior load-bearing capacity and thermostability.
- **Acutrack™ Finish:** Engineered for precise blade tracking, superior noise reduction, and shock absorption.
- **Durability:** Designed to outperform and outlast standard rubber or lower-quality urethane tires.
- **Installation Tool Included:** A custom installation tool is provided to facilitate mounting without damaging wheels.
- **Made in USA:** Exclusively designed and produced in the USA under rigorous quality control.

## 3. SETUP AND INSTALLATION

---

Proper installation of your DNLK Urethane Band Saw Tires is crucial for optimal performance and blade tracking. Follow these steps carefully.

# REPLACE YOUR OLD WORN OUT TIRES



Figure 3.1: Example of a band saw wheel with a new urethane tire, ready for installation.

## Installation Steps:

1. **Prepare the Band Saw:** Ensure the band saw is unplugged from its power source. Open the wheel covers and remove the saw blade.
2. **Remove Old Tires:** Carefully remove the old, worn-out tires from the band saw wheels. If the old tires are stubborn, you may need to cut them off. Clean the wheel rims thoroughly, removing any adhesive residue or debris.
3. **Prepare New Urethane Tires:** DNLK urethane tires are designed for a snug fit and do not require adhesive. They are slightly smaller than the wheel diameter to ensure tension.
4. **Use the Installation Tool:** The included custom installation tool is designed to stretch the urethane tire onto the wheel without damage.



Figure 3.2: Demonstrating the use of the custom installation tool to mount the urethane tire.

- Start by hooking a portion of the tire onto the wheel rim.
  - Use the installation tool to gradually stretch the tire around the wheel, working your way around the circumference.
  - Ensure the tire is evenly seated in the center of the wheel rim.
5. **Inspect Installation:** Once installed, rotate the wheel by hand to ensure the tire is seated correctly and evenly. There should be no bulges or uneven sections.
  6. **Reassemble:** Reinstall the saw blade and close the wheel covers.

#### 4. OPERATING CONSIDERATIONS

While urethane tires do not have specific operating instructions themselves, their presence significantly impacts the performance of your band saw. The Acutrack™ finish ensures optimal blade tracking.

- **Blade Tracking:** After installing new tires, it is essential to adjust your band saw's blade tracking according to the saw manufacturer's instructions. The Acutrack™ finish on DNLK tires is designed to facilitate precise tracking.
- **Reduced Noise and Vibration:** These urethane tires provide superior shock absorption and noise reduction compared to traditional rubber tires, contributing to a smoother and quieter operation.

- **No Adhesive Needed:** The snug fit of these tires eliminates the need for messy adhesives, simplifying installation and future replacement.

## 5. MAINTENANCE

---

DNLK Urethane Band Saw Tires are designed for long-lasting performance with minimal maintenance. However, regular inspection can extend their lifespan and ensure consistent saw performance.

- **Regular Inspection:** Periodically inspect the tires for signs of wear, cracks, or damage. While urethane is highly durable, extreme conditions or prolonged use can eventually lead to wear.
- **Cleaning:** Keep the tires and wheel rims clean from sawdust, pitch, and other debris. A clean surface ensures optimal blade tracking and tire longevity.
- **Storage:** If storing the band saw for an extended period, ensure it is in a dry, temperature-controlled environment to prevent material degradation.



Figure 5.1: Close-up of the urethane tire surface, demonstrating its durable "Interface Hardening" for extended life.

## 6. TROUBLESHOOTING

---

This section addresses common issues that may arise with band saw tires and provides potential solutions.

Problem	Possible Cause	Solution
Blade tracking issues	Improper blade tension or wheel alignment; tire not seated correctly.	Adjust blade tension and tracking according to your band saw's manual. Ensure tires are fully and evenly seated on the wheels.
Excessive vibration or noise	Tire not evenly installed; debris on tire or wheel.	Re-inspect tire installation for even seating. Clean tires and wheel rims thoroughly.
Tire appears loose or slips	Incorrect tire size (unlikely for DNLK specific fit); wheel rim damage.	Verify the correct tire size for your SAMCO FS 350. Inspect wheel rims for damage that might prevent a snug fit. Contact DNLK support if issues persist.

## 7. SPECIFICATIONS

---

- **Product Type:** Urethane Band Saw Tires (Set of 2)
- **Compatibility:** SAMCO COMBINED SURFACE PLANING MACHINE FS 350
- **Material:** High-grade Urethane
- **Finish:** Acutrack™ for precise blade tracking
- **Installation:** No adhesive required; custom installation tool included
- **Manufacturing Origin:** Made in USA
- **DNLK Part Number:** 986655571256704

## 8. WARRANTY AND SUPPORT

---

DNLK Urethane Band Saw Tires are manufactured in the USA under rigorous quality control standards, ensuring a high-quality product.

For specific warranty information, technical support, or assistance with your DNLK products, please contact the manufacturer directly. You can find more information and contact details on the official DNLK store:

[Visit the DNLK Store](#)