

Tech Talk

3 Great Maintenance Tools

Wood-Mizer has developed an online video named “Tech Talk” that answers some of your more common questions. This edition focuses on blade maintenance and features Jim Brown, vice president of customer service, Randy Panko, blades manager, Burl Tichenor, engineering manager, and John Storm, blades quality facilitator. Here are a few highlights:

Strain Gauge

Q: What is the strain gauge?

A: It’s simply a tool that clamps on to a blade while it’s on the sawmill to measure stretch. It converts the stretch into thousands of pounds per square inch on the blade.

Q: How can this help the customer?

A: If the customer is having difficulty cutting and he knows the blades are good, a strain gauge can help troubleshoot any problems and help get the proper tension on a blade.



to blade in PSI (pounds per square inch)

- Reads adjustments (or changes) in tension for different widths and thickness of saw blades.

Part #057960
\$299.00

Belt Drive

Q: How important is the drive belt?

A: It’s definitely important to keep the drive belt tensioned



L to R: Jim Brown, Randy Panko, Burl Tichenor, and John Storm.

because it’s what transmits the horsepower to the blade. If the blade slows down, your cutting conditions will change.

Q: What will happen if you don’t have enough tension or too much tension?

A: With too little tension, your belt will slip because you don’t have enough grip. If you have too much tension, it can also reduce the ability to transmit power to the blade, and can lead to mechanical failures.

Key Points:

- Belt tension is set by the amount of pounds (force) it takes to move the tightened belt a set amount of inches.
- The setting for your particular sawmill can be found in the

maintenance section of your manual.

- An easy measurement tool that keeps your Wood-Mizer sawmill cutting at its peak capacity.

Part #016309
\$17.59

Red Dye

Q: What’s the purpose of the red dye?

A: The purpose is to make sure the grinding wheel is getting the blade completely sharp. Apply the red dye to the gullet, face and back of the tooth of the blade to take out the guess work of blade sharpening. When the CBN grinding wheel hits the gullet of the blade and leaves behind red dye, the grinding wheel is not matching the profile of the blade. To fix this, adjustments need to be made to the depths and angle of the grinding wheel.



Part #057791
\$6.95 4oz.

For the complete Tech Talk video, go to www.woodmizer.com/techtalk.

All prices in U.S. dollars. Subject to change without notice.