

ASK@



S A W M I L L M A G . C O M

Q I am drying some thick oak in a solar kiln. What should I do with the vents?

A Drying speed and quality are the combined effects of the humidity, temperature, and velocity. In a well-built Virginia Tech-designed solar kiln, the vents are very large and so we would close them around 98%. This means that the humidity will increase inside, which will slow drying...but not too slow. As the kiln is designed for 4/4 oak, you also need to reduce the temperature by covering up perhaps half of the collector. Drying time might be six months.

Q I sawed a couple of logs just fine on my small band mill but now I can see that my boards are wavy and not flat. Help!

A The #1 cause (80% to 90%) of wavy lumber is a dull blade. Sometimes fresh new blades are not sharp right out of the box. Sometimes a few small stones in the bark hit a tooth or two and dull them.

Another common cause is heating of the blade, which can happen if the lube is not effective. Use enough water, maybe with a little Dawn soap added or Pine-Sol. Plus, with poor lube, sap builds up, creating more heat. Heat expands the blade and then the tension drops. When tension drops, the blade tries to follow the grain, especially around knots and especially when sawing fast.

Use a 4-degree or 7-degree blade for knotty, drier material. Adjust blade tension and drive belts per manufacturer's instructions. Slow down the feed speed. Use a 4-degree blade for knotty, drier material.



MARKET PLACE



Advertise Here

Call 1/888-290-9469

SAWMILL EXCHANGE

North America's largest source of used portable sawmills and commercial sawmill equipment. Over 800 ads. Call for a FREE LIST or to SELL YOUR EQUIPMENT

www.sawmillexchange.com
800-459-2148

Order Today!

Merchandise

A Subscription

To *Sawmill & Woodlot* magazine!
Options: • Printed Copies • Desktop Edition.

Back Issues

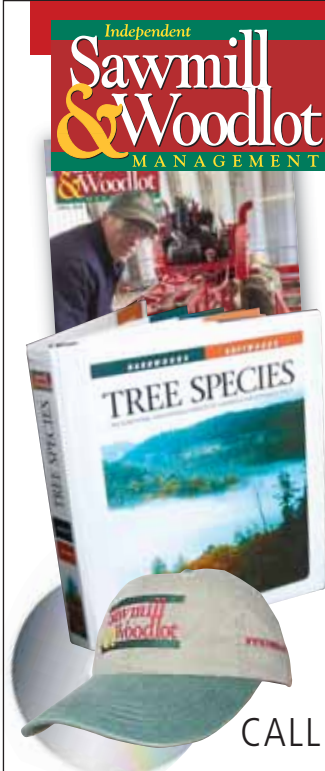
On CD or DVD.
1997 thru 2016. Single printed issues available.

Tree Species Binder

All 72 Tree Species I.D. • Or order the digital collection on a DVD.

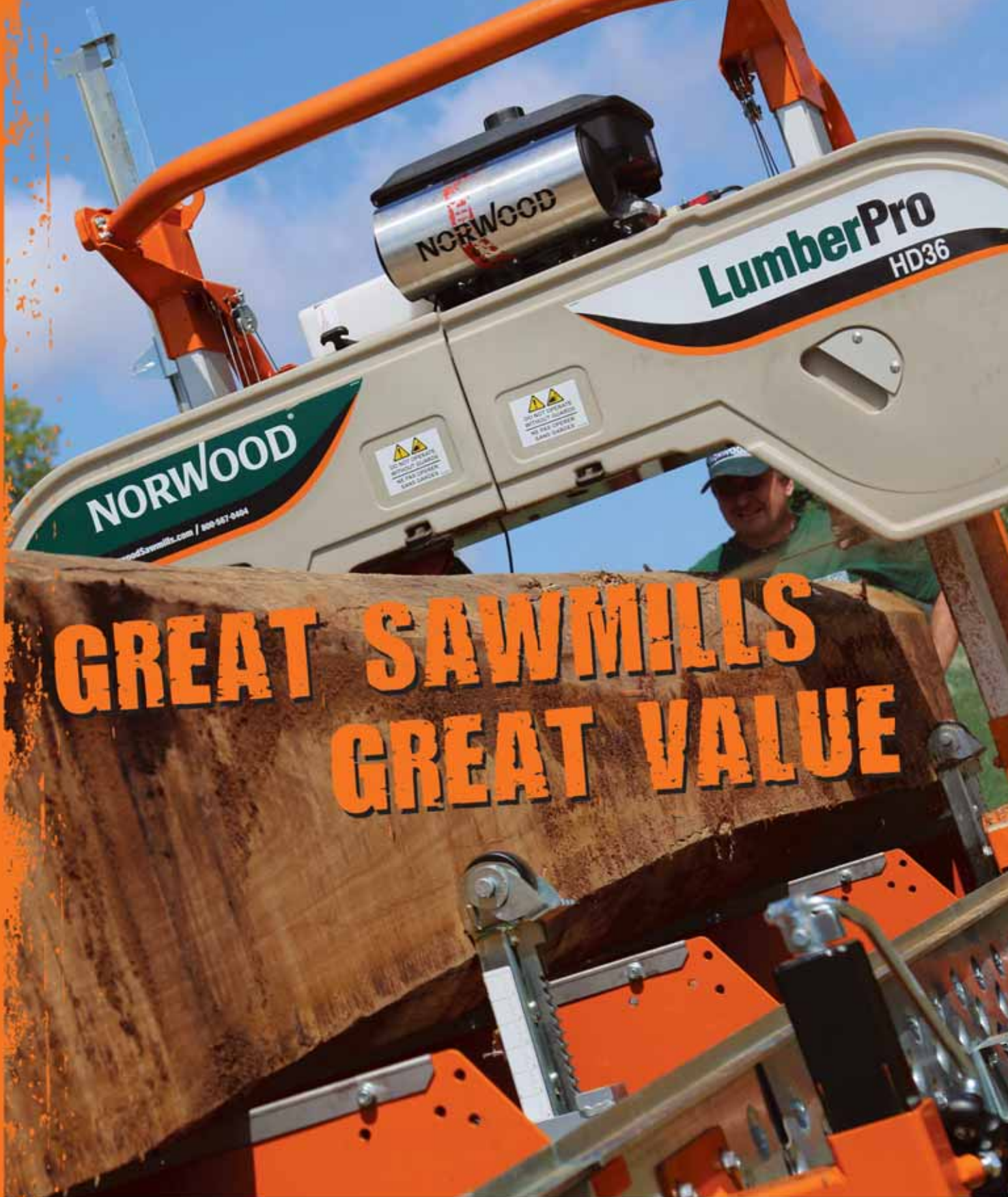
Caps & T-Shirts

High-quality, official *Sawmill & Woodlot* logo caps and the *Collectable* 2017 Sawmill Shoot•Out *T-SHIRT*.



CALL: 888/290-9469

Or go to www.sawmillmag.com



**GREAT SAWMILLS
GREAT VALUE**

FREE CATALOG & DVD

Toll-free 800-661-7746 Ext 394

NORWOOD[®]
SAWMILLS

NorwoodSawmills.com



**"PAID FOR ITSELF IN LESS THAN
1 MONTH OF OPERATION"
- SATISFIED CUSTOMER**

Proudly sold by
**BAKER
Products**



WOOD WIZZ A SURFACING MACHINE

The Wood Wizz is designed to surface and finish slabs, burls, tabletops, and even recycled timber with a lower labor input. The machine is ideal for woodworkers who want to add value to their material and produce a perfect finish without any tear, ridging, or burn marks.

The Wood Wizz is also equipped with an edging/joining cutter to combine two or more pieces of material, flawlessly.

- Leaves Smooth Finish
- Motor with Inverter and Variable Cutter Speed
- Power Speed Control
- Adjustable Leveling Legs
- Heavy Duty Welded Steel Frame
- Material Capacity:
 - 4'-8" wide by 11'-3"
 - 6' wide capacity avail.
 - 14'7" long capacity avail.
 - 17'10" long capacity avail.
- High Speed 3-HP motor (5-HP optional)



THE FACTS:

- CUTS LABOR COST MORE THAN 80%
- INCREASE QUALITY OF FINISH
- ADDS VALUE TO SLAB
- TURNS ROUGH TO FINISHED FASTER



573.663.7711 800.548.6914

**BAKER
Products**

bakerproducts.net Like our 



years serving the world's pallet industry