

# INDUSTRIAL VOICE

Informative magazine for the industrial sawmill industry

**Wood-Mizer**  
*from forest to final form®*

**VOL 17**  
2023



## The Art of Material Handling

OPTIMIZING INDUSTRIAL  
SAWMILLING EFFICIENCY



woodmizer.com

## New Products

INTRODUCING TEAM 6000

**“Our output has  
increased by 30% to  
50% with less people!”**

NELSON WOOD SHIMS  
SHARES THEIR STORY

## Find Your Match

YOUR ULTIMATE MACHINE GUIDE



**John Smith, CEO**  
Wood-Mizer

Welcome to the 17th edition of The Industrial Voice magazine! Throughout this magazine, we are excited to share several new sawmilling systems operating successfully throughout North America and Europe. In addition to recent installations, there are many new developments within our industrial equipment line and support team that have enabled us to better serve you and the industrial sawmilling industry.

For installations, you will hear from Oak Frame Company in Wales utilizing an LT70 sawmill system, Novar Sawmill in Scotland who upgraded to a WB2000 industrial sawmill system, Nelson Wood Shims in the USA who upgraded to a TV6000 twin vertical saw and MR6000 gang saw system, and a company in Mexico running

a WM4500 industrial sawmill system. Although each system is diverse in production and location, they all took advantage of our industrial team's expertise and equipment to satisfy their business needs and goals.

We are continuing to expand our equipment range with the recent introduction of the "TEAM 6000" range of high-throughput products that includes the EA6000 optimizing edger, TV6000 twin vertical saw, and MR6000 gang saw. In addition, Wood-Mizer's rapidly expanding material handling equipment continues to develop and improve with log ladders, step feeders, log singulators, log decks, log haul chains, belt conveyors, rollcases, transfer decks, hook decks, unscramblers and more.

We have also introduced the availability of the well-known TIMBERMASTER industrial planers from REX as well as other equipment offerings that allow our integration experts to design complete equipment solutions with automated and labor-efficient plant layouts that are critical to improve your return on investment. These developments, along with many others in the works, are part of our team's ongoing efforts to push our own boundaries and improve our product offering with the goal of making your business more profitable. Contact us for a complete customized system layout or to speak with our industrial team regarding new equipment to integrate into your operation.

We look forward to discussing your next project with you and finding out how we can be a significant partner in your future success.



Wood-Mizer has been a long-standing exhibitor at Ligna - the world's leading trade show in Germany. See the story on page 10.

# INDUSTRIAL VOICE

Informative magazine for the industrial sawmill industry

## EDITOR

Bessie Zastrau  
bzastrau@woodmizer.com

## ART DIRECTOR

Claudine Henchie

## CONTRIBUTING WRITERS

Bessie Zastrau  
Chase Warner  
Etienne Nagel  
Luke Murray  
Marcin Kozlowski  
Rafaela Laurentino

## CONTRIBUTING PHOTOGRAPHER

Marcin Piotrowski

## CONTRIBUTING DESIGNERS

Claudine Henchie  
Janine Axsom

## LETTERS TO THE EDITOR

Wood-Mizer welcomes your tips, stories, and comments. Please understand, due to the high volume of mail received, we may not be able to respond personally to each letter. Submissions become the property of Wood-Mizer and may be edited for publication.

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## CONTACT US

woodmizer.com  
+48 63 26 26 000

## ON THE COVER



Custom log infeed system to a TV6000 optimized sharp chain. Read more about it on page 16.



SUSTAINABLE FORESTRY INITIATIVE  
Certified Chain of Custody  
Promoting Sustainable Forestry  
www.sfi.org  
SFI-00993



Wood-Mizer supports environmentally-friendly business practices and sustainable forestry initiatives in the forest and in its printed communications.

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The Keystone to Unleashing the Full Potential of Your Industrial Sawmilling Machines



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Wood-Mizer showcased cutting-edge solutions, driving the industry forward and empowering customers.

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Optimizing Edger




















# Building a Legacy

## WOOD-MIZER'S PATH TO INDUSTRIAL INNOVATION

A journey through time exploring the milestones that have shaped the birth and growth of Wood-Mizer, a testament to innovation, expertise, and the pursuit of excellence in sawmilling solutions.



- 
**1982** First Wood-Mizer sawmill sold to Joe Bistovich in New York
- 
**1983** Program established to send sawmills and resources to missions and charitable organizations around the world
- 
**1984** Groundbreaking held at current Global Headquarters in Indianapolis, Indiana
- 
**1985** The first Wood-Mizer News magazine mailed to customers
- 
**1987** Sawmill blades go into production
- 
**1990** European Headquarters established in Poland to serve Europe, Africa, and Western Asia
- 
**1991** Industrial level resaw released
- 
**1996** woodmizer.com website launched
- 
**2001** Industrial sawmill equipment division launched with the LT300 sawmill and material handling equipment
- 
**2004** Plans announced to make Wood-Mizer 100% employee-owned
- 
**2006** Smart Log Processing (SLP) sawmilling systems released and online store launched for ordering parts and sawmill blades 24/7
- 
**2010** WM1000, WM3000, and WM3500 industrial sawmills released
- 
**2013** WM4000 industrial sawmill released
- 
**2014** WB2000 industrial sawmill released
- 
**2015** Groundbreaking held at current manufacturing facility in Batesville, Indiana
- 
**2017** Industrial sawmill equipment range expands with vertical saws, resaws, gang saws, edgers, and material handling equipment released
- 
**2018** WM4500 industrial sawmill released
- 
**2019** Industrial Sawmilling Solutions division established to support high-throughput operations throughout the world
- 
**2021** TV6000 Twin Vertical Saw released
- 
**2022** MR6000 Gang Saw released

**Wood-Mizer systems**  
INDUSTRIAL SAWMILLING SOLUTIONS

CUSTOMER'S CHOICE

READ MORE PAGE 7-8

FEATURED PRODUCT

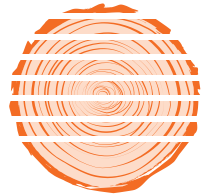
## HIGH-PRODUCTION SAWMILLING AT ITS BEST

# WB2000

INDUSTRIAL SAWMILL

Get ultra-robust sawmilling capacity with the WB2000. Use it as a standalone mill to fully process logs into sawn lumber, slot it into a line, process heavy, irregular logs or produce custom orders that existing equipment can't process.

The WB2000's twin post sawmill head, large throat and heavily engineered sawmill bed are ideal for processing medium to large logs ( $\leq 6$  tons) and log lengths between 4 to 27 ft into sawn lumber. The WB2000 Industrial Sawmill combines the increased yield of thin-kerf blade technology with the production demands of wideband sawmill blades.



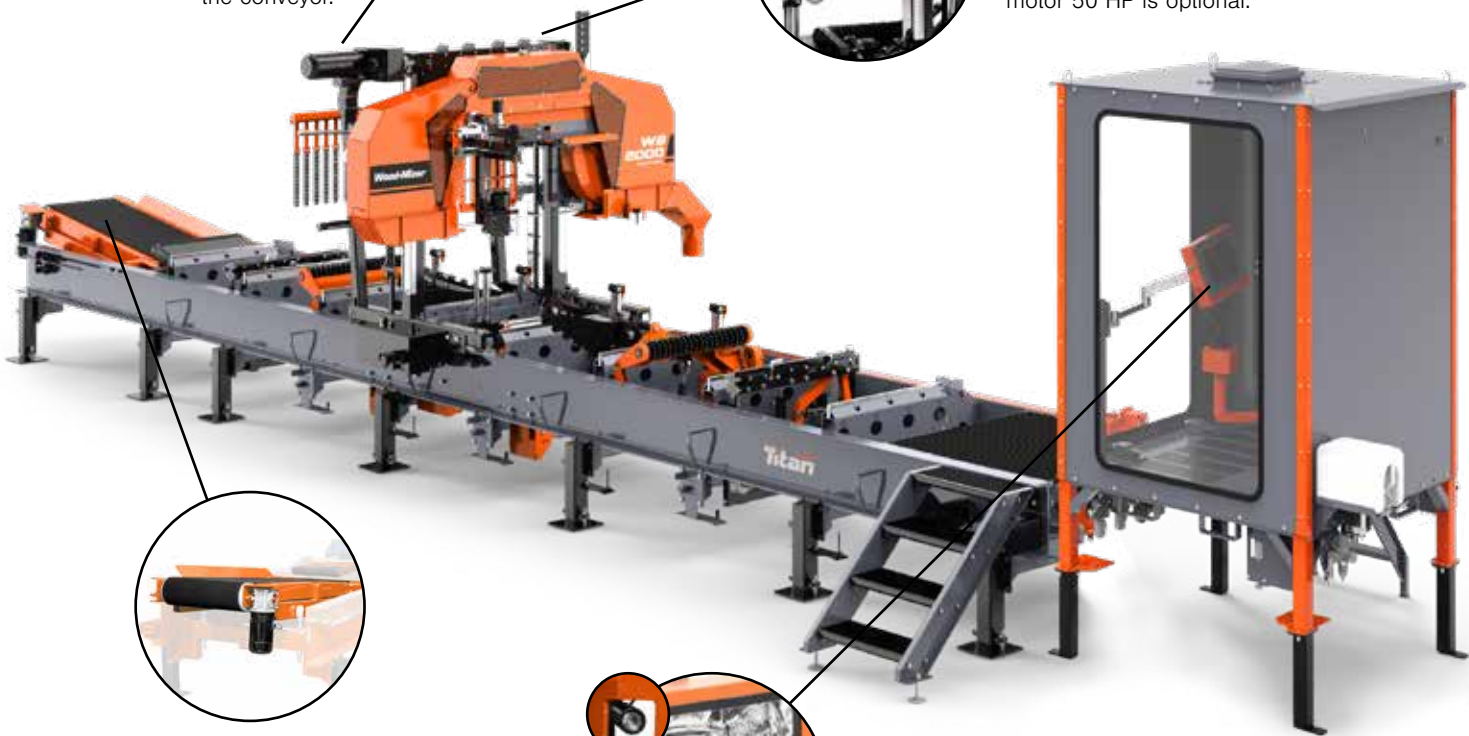
### PUSH BACK ARMS

The solid-steel board return arms transfer freshly sawn boards from the sawmill to the conveyor.



### MAIN ELECTRIC MOTOR

Comes standard with 40 HP motor 50 HP is optional.



### BOARD REMOVAL CONVEYOR

Automatically activates when board is being removed.



### CAMERAS & SCREEN

Ensures complete oversight of the cutting process. The standard CE version is equipped with 4 cameras.



Watch this machine in Action!

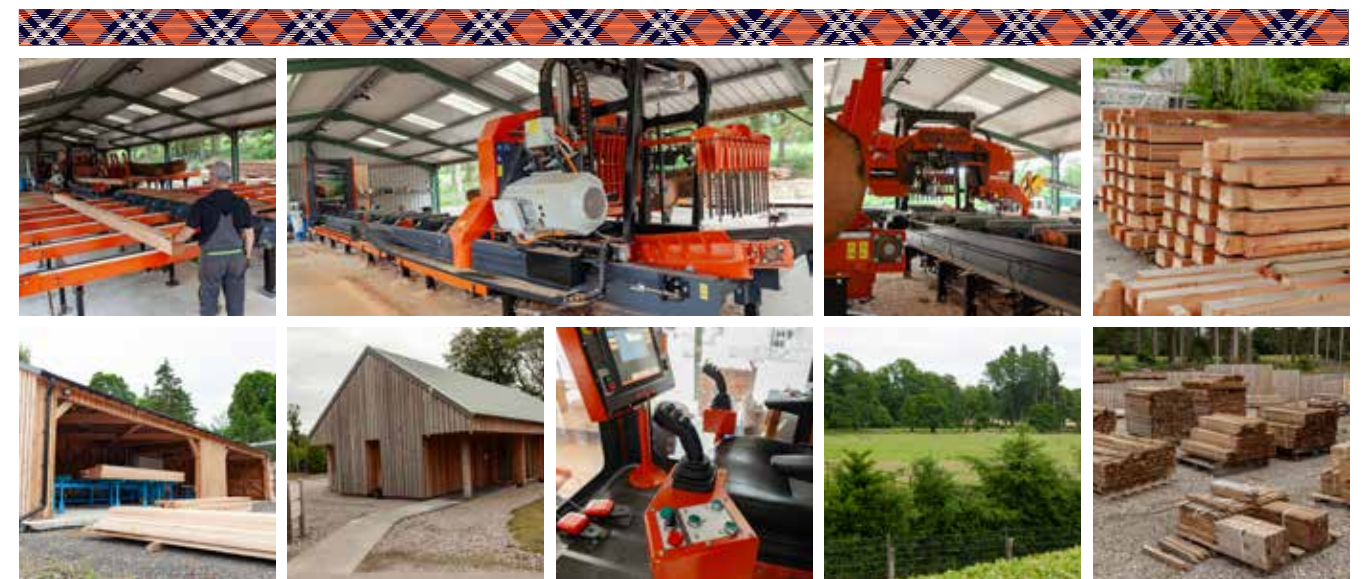


# Sawmilling Success

## IN THE HEART OF SCOTTISH NATURE

Scotland's breathtaking landscapes, ancient castles, and unpredictable weather offer a unique charm to travellers. Venture north of Edinburgh, and you'll discover Perth. You might think this the last bastion of civilization, but beyond the mountains lies Inverness, a surprisingly warm haven in Northern Scotland, blessed with a microclimate and fertile grounds.

Here, amid the richness of Scottish nature, Ronald Munro Ferguson, the owner of Novar Sawmill, found his calling in sawmilling and forestry 12 years ago.



“ I find much satisfaction in working with wood for many reasons - the way it smells and feels under my fingers and for numerous applications it has. We make a variety of wooden products, including fences, garden furniture, small sheds, and garden rooms,” shares Ronald, who comes from a noble family with deep roots in forestry and sawmilling. Growing up on Novar Estate, surrounded by vast forests and lush grazing lands just 20 miles north of Inverness, he developed a profound appreciation for Scottish nature’s beauty and value.

Novar Sawmill, situated on 7,4 acres with forests sprawling to nearly 9884 acres, is committed to sustainable forestry practices. “About a third of our forests are managed as ‘continuous green cover’ that we thin occasionally and leave for natural regeneration, while other two-thirds are grown commercially with Sitka spruce, Norway spruce, Douglas fir, and larch. We replant the felled forest area within five years,” Ronald explains.

Embracing the potential of locally grown timber, Ronald observes, “More and more people are becoming aware of the benefits of building from the local timber. Commercially grown trees like spruce, larch, and fir are great for constructing houses and cabins.”

In the past, Novar Sawmill used to sell more than 300 sheds a year which was sourced from another supplier; however, Ronald decided to become independent, and he invested in modern machinery to be able to manufacture modular sheds and garden rooms on his own, in a much superior form.

The sawmill employs seven people who utilize cutting-edge machines and tools, including the **WB2000 industrial sawmill** with the log deck, a sorting table, and the EG300 board edger. The company also operates on an industrial-level planer which might soon be extended by another, more compact unit from Wood-Mizer.

“Earlier, we used to work on the LT70 WIDE sawmill set up in a production line, but we decided to sell it to another workshop in Wales and upgrade our sawmill to the WB2000,” says Ronald. “We’ve got many large Douglas fir trees that are 120 years old, and our customers often ask us to prepare 19 to 23 ft long beams. With the WB2000 sawmill, handling this material will not be a problem.”

For operating the WB2000 sawmill, only two people are needed – one controlling the mill from an operator’s cab and the other receiving the material at the sorting table. “For Marcin, our operator of the former LT70 sawmill, it took only a few days to switch to operating the WB2000. Now he’s saying it is excellent

to work with! He doesn’t have to get up and look at the log because he has a good view from the control booth. He uses efficient hydraulics to load, turn and rotate the log, saving time and relieving stress. Additionally, he has several video cameras to view the cutting process closely,” explains Ronald.

Apart from the EG300 board edger that Novar Sawmill utilizes for making all sorts of cladding for their customers, the company uses a CNC machine and an industrial planer for making large cants and beams. “In the future, we’d like to expand our workshop by adding a compact planer for making a variety of finished products, for example, lap-type cladding, floorboards, and profiled boards. Incorporating the four-sided Wood-Mizer MP360 planer into our production process perfectly reflects the motto, which we also find true in our case – From Forest to Final Form,” underlines Ronald. “We grow timber in our woodlands to supply customers with finished products from a log through the entire process.”

Ronald has been cooperating with Wood-Mizer for ages, ever since an acquaintance advised him about the specialized sawmilling equipment he used in his business. “I remember a certain sawmiller from South Africa searching for his family in Scotland, who was stunned when he realized how much forest land my family had but no proper sawmill to make good use of it. Soon, I contacted the Scottish Agent for Wood-Mizer and bought my first LT70 sawmill,” reminds Ronald.

Having a long-standing relationship with Wood-Mizer, Ronald speaks highly of the brand and its dedicated team. “I’ve been thrilled with Wood-Mizer products and services. Keith Threadgall has always been very helpful to me, offering the best customer service whenever I needed it,” Ronald affirms. He fondly recalls his visit to Wood-Mizer’s factory in Poland, where he was warmly welcomed and impressed by the scale and organization of the manufacturing plant. 🇵🇱



At Novar Sawmill, the vision of sustainable forestry and fine craftsmanship come together. Ronald’s passion for wood, complemented by Wood-Mizer’s cutting-edge technology, creates a harmonious blend that echoes through the heart of Scotland’s natural beauty.

As more people embrace the benefits of locally sourced lumber, Ronald’s sawmill stands as a testament to the enduring legacy of his family and their deep connection with the land they cherish.



**WM4500 Industrial Narrowband Sawmill**  
 Engineered to produce grade and dimensional lumber, pallet boards, or breakdown logs for further processing at high speeds, the WM4500 capitalizes on thin-kerf blade technology to produce accurate lumber while reducing material, labor, energy, and maintenance costs.

WHOEVER SAID  
 “MONEY DOESN’T GROW ON TREES”  
 DIDN’T KNOW ABOUT  
 WOOD-MIZER EQUIPMENT

MACHINES THAT MAKE YOU MONEY



Think money doesn’t grow on trees? Think again. From Forest to Final Form, Wood-Mizer industrial equipment turns logs into profits by producing lumber and slabs. Visit [woodmizer.com](http://woodmizer.com), subscribe on YouTube, or join the conversation on social media to see for yourself how **Wood-Mizer Machines Make You Money.**



# The Showstoppers at **LIGNA** 2023



**L**igna 2023 brought together 1,300 exhibitors from 50 nations, attracting an impressive 80,000 visitors, matching the pre-COVID 2019 numbers. Amidst the gathering, innovation was at its peak as Wood-Mizer unveiled a range of new products and solutions designed to empower customers and meet the ever-evolving challenges of the industry.

The Ligna exhibition in Hannover, Germany, came alive with Wood-Mizer's cutting-edge saw lines. Witnessing the grandeur of the WB2000 industrial sawmill, built to process large lumber volumes, and the TVS-HD twin vertical saw, transforming logs into pallet boards, left attendees stunned.


The revelation of the EA3000 Optimizing Edger added to the intrigue, presenting a robust solution for the sawmilling industry, reflecting Wood-Mizer's relentless pursuit of advancement and excellence.



## Making Money by Turning Logs into Lumber

The company's complete product range was showcased at three trade show booths throughout the show.

Wood-Mizer installed two industrial sawmilling lines for log processing. The lines consisted of sawmills joined in a synchronous operating system by material conveyors that sort and transport lumber, slabs, edgings, and sawdust for further processing.



**1,300**  
exhibitors



**50**  
nations



**80,000**  
visitors



Wood-Mizer has been a long standing exhibitor at LIGNA - the world's leading trade show and marketplace for machinery and tools for the woodworking and lumber processing industry.



## Increasing Productivity

One widely used option to increase sawmill productivity is to add an edger and multirip to the sawmill operation. In this case, the band sawmill produces unedged boards, passing through an edger/multirip with circular saws.

At LIGNA, Wood-Mizer presented a range of edgers for different scale demands: machines differing in power, performance, maximum board dimensions, and price.

The popular Wood-Mizer EG300 edger/multirip has a 20 or 25 HP electric motor and a free-standing control panel with electronic Networks. It can have 2 to 5 circular saws with a diameter of 14".



As part of the industrial lines at the Wood-Mizer booth, industrial versions of edgers and multirips were shown in action, including an EG800 edger with a 40 to 65 HP motor and four 15" circular

saws, as well as an MR200 Gang Rip Saw with motors from 2x20 to 2x40 HP and several circular blades with up to 12 on each shaft capable of sawing lumber up to 8" thick.



**By providing a stage for the exchange of ideas, emerging technologies, and best practices, Ligna fuels the spirit of innovation and collaboration, driving the woodworking industry forward and ensuring its continuous growth and prosperity.**

**As a proud participant, Wood-Mizer showcased cutting-edge solutions, driving the industry forward and shaping a future of excellence and efficiency in sawmilling and wood processing.**



The first line is based on Wood-Mizer's flagship sawmill, the WB2000 industrial sawmill, which features a hydraulic log loading deck, an integrated automatic board removal conveyor, and the industrial MR200 Gang Rip Saw. The WB2000 was presented at LIGNA with a newly designed operator cabin, where an operator using joysticks at a control panel can comfortably control all the line functions, from log loading to positioning material on the sawmill bed, sawing, and removing finished boards from the sawmill for further processing.

Wood-Mizer's second industrial line processes logs into pallet boards and consists of a TVS HEAVY DUTY twin vertical saw (a new version of Wood-Mizer TVS first introduced at LIGNA 2023), a log loading ramp and sorting equipment, the HR700 horizontal double-head band resaw, and the EG800 edger for slab processing.

At a separate booth, Wood-Mizer presented its newly formed division, Wood-Mizer Systems, which specializes in designing and manufacturing custom-made industrial sawmill lines for the specific needs of enterprises.

**NEW**

**LET'S SORT THIS OUT!  
DECLUTTER YOUR OUTFEED**

**Modular Cross Roller Deck (CRD) 3-Way Sorting Table**  
designed for High Volume Material Handling

The modular 10" length sections allow your sorting system to grow with your operations.

With the power of three, you can transport material forward, left or right for further processing.

Ask us about your material handling options:  
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There is a new high-throughput range of machines making a name for themselves in the industry.

# TEAM **SETTING THE BAR HIGH** 6000

Cleverly referred to by some as “Team 6000”, the new EA6000 Optimizing Edger, TV6000 Vertical Sawmill, and the MR6000 Gang Saw are game changers. Individually, each of these machines are big-time players. Together, Team 6000’s impact extends beyond individual machine capabilities. They collectively embody the playbook about performance, production, precision, adaptability, and efficiency. Here are the inside plays on these machines.

## EA6000 OPTIMIZING EDGER



Precision meets efficiency with the EA6000. This key player is designed to extract the maximum value from each board, ensuring minimal waste and optimal yield. Built for the most demanding, high piece-count edging applications, the EA6000 combines material in and outfeed systems with highly intelligent scanning to assess a board for the best value or volume before the scalable sawing zone executes the cut according to the scanned cut lines.

The result is increased yields produced at low production costs. No longer will valuable lumber be sacrificed due to suboptimal cutting techniques. The EA6000’s adaptive cutting prowess is rewriting the playbook on resource utilization. High feed speeds and board production rates matched to flexible min/max thickness and width values make Wood-Mizer’s EA6000 a game changer that builds bottom lines.



**BOARD WIDTH**  
UP TO 23"



**BOARD THICKNESS**  
FROM 0.75-2"



**WIDTH OF CUT**  
1.6-19.7"



**SPEED FEEDS**  
UP TO 1300 ft/min

**PRODUCTION RATE**  
8" lengths of  
≤ 40 boards/min  
16" lengths of  
≤ 25 boards/min



## TV6000 TWIN VERTICAL SAW



Assuming the key role of Team Captain, the TV6000 is a leader that sawmillers count on to drive productivity. Wood-Mizer’s TV6000 combines various systems to flexibly process small to medium size logs into cants to achieve higher recovery and yield during secondary processing.

From start to finish, the TV6000 gives it all, starting with a customizable log infeed solution that executes the staged movement of logs to the log loader, which then orientates and loads the log onto the sharp infeed chain with overhead pneumatic press rollers supporting the log into the cut. Ready to jump into action, the heavy-duty, twin vertical primary breakdown cutting heads combine several features to produce accurately sawn equal open faces that are ideally prepared for the resawing process. Finally, the material exits the cut through the integrated outfeed system that is designed for productivity and safety.

**WIDE BANDSAW BLADES**

### BLADES

Wide bandsaw blade options provide flexible custom blade choices matched to production needs and blade maintenance capacity.



**LOG DIAMETER**  
FROM 5 to 18"



**LOG LENGTH**  
12ft, 16ft or 20ft



## MR6000 GANG SAW



The MR6000 is a powerhouse in the trio. With multiple blades working in concert, it can quickly and accurately transform raw logs into a variety of lumber dimensions. Its robust construction and advanced automation redefine what a gang saw can achieve. This machine’s playbook centers around speed and adaptability, allowing wood processing environments to meet the demands of a fast-paced market without compromising on quality.

This flagship gang saw includes several cutting-edge features that are capable of performing multiple, high-tolerance cuts in a single pass. Flexible in and outfeed options, a large throat size, heavy-duty roller system, flexible component length capacity, dual arbour and blade system, power options, a rigid machine sub-frame for optimal alignment, intuitive controls, and wide opportunity to customize the MR6000, sets a new benchmark.



**BOARD WIDTH**  
UP TO 60"



**BOARD THICKNESS**  
FROM 1-9.5"




**LENGTH OF CUT**  
≤ 35.4"

A range of standard and optional extras are available. With 100 HP motors driving each arbour and a feed speed of 131 ft/min makes the MR6000 a highly capable gang saw option for high production sawmills.



Industry veterans and newcomers alike are taking note, recognizing that Team 6000 isn’t just a set of machines, but a strategic approach to wood processing that maximizes returns, minimizes waste, and embraces innovation.

As these machines continue to make a name for themselves, the playbook they’ve introduced is destined to shape the future of the industry, leaving a lasting mark on wood processing. 





Wood-Mizer's entire industrial range is built on four decades of sawmilling experience and innovation that drives home a competitive advantage from entry-level to high-volume industrial sawmilling applications.

The range combines low capital and operational costs with high recovery and reduced material, labor, energy, and maintenance costs for optimal returns.

Primary and secondary breakdown platforms are part of the range to work standalone or in a system. Plus, not to be overlooked, the endless configurations of material handling solutions for seamless systems and integrations.

**Wood-Mizer systems**  
INDUSTRIAL SAWMILLING SOLUTIONS



## THE ART OF Material Handling

### THE KEystone TO UNLEASHING THE FULL POTENTIAL OF YOUR INDUSTRIAL SAWMILLING MACHINES

In the industrial sawmilling business, the efficiency of your machine might be the beating heart, but material handling holds the key to unlocking its true potential. Get it wrong, and even the most productive machines will fall short of their capabilities. Get it right, and you can maintain your focus where it matters most - on throughput, yield, uptime and efficiency.

Join us as we sit down with Luke Murray, Industrial Director of Wood-Mizer Systems, to talk about the often-unsung hero behind the scenes of every successful sawmill.



#### Is material handling worth the investment?

Always. In fact, it is the most practical and rewarding investment you can make in your sawmill operation. It plays a crucial role in optimizing efficiency and is essential for maintaining a safe smooth flowing saw line.

#### Tell us how the strategic placement of the correct material handling will enhance the efficiency of a saw line?

In the intricate timing of industrial sawmilling, every second counts. Any inefficiency in material handling can lead to disruptions in the flow, causing delays, reduced productivity and potential bottlenecks.

Furthermore, improper handling of logs and lumber can result in material damage, increased waste, and additional costs. Material handling that aligns perfectly with specific site requirements optimizes the utilization of resources, maximizing throughput, yield and uptime.



Modular Hook Decks with customizable length, width and strand spacing.

#### Are there any other benefits of implementing smart material handling solutions?

Beyond the gains in efficiency, smart material handling solutions have proven to be a cost-saving measure, significantly reducing labor costs and eliminating redundant positions within the mill. By providing employees with the necessary tools and support, well-designed material handling solutions, tailored to specific site requirements, empower the workforce to focus on their designated roles.

With our customers, we have repeatedly seen how material handling results in a safer and more predictable workplace, ultimately boosting worker satisfaction and promoting employee retention. The Return on Investment (ROI) on material handling can be swift, paying dividends through enhanced productivity and profitability.

#### How does Wood-Mizer support their clients with material handling?

In the last 5 years, we have quietly increased our proficiency in material handling and created an extensive range of top-tier, pragmatic, and sturdy material-handling product families. It includes log ladders, step feeders, log singulators and more. These adaptable components can be configured for log length and diameter and custom-fit to accommodate the unique requirements of the sites. What is also great about it is that every product seamlessly complements their diverse levels of industrial machinery.

For board handling, we have a lineup of belt conveyors, rollcases, transfer decks, hook decks, even ending rollcases and unscramblers. Each piece is engineered to optimize workflow, ensuring a smooth transition from raw material to the final product.



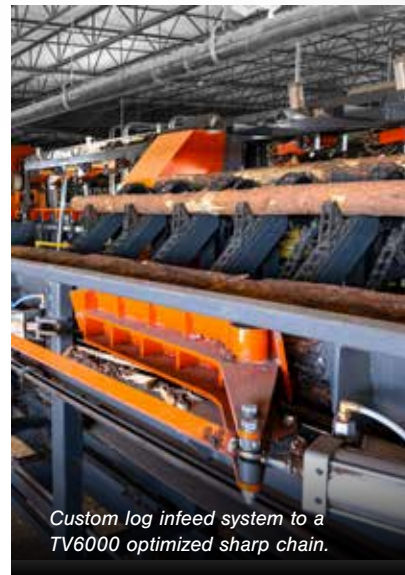
Inclined log ladder with integrated log pocket.



## Efficiency, productivity and cost-savings is the trifecta achieved by integrating smart material handling into your saw line.

### Do you have a success story you can share with us? Tell us about a sawmill that is doing material handling right?

Wood-Mizer's largest industrial project to date is an ongoing installation in the Southwestern USA. We are proud to be one of a few key suppliers building a sawmill there that will become one of the largest Ponderosa Pine producers in the country. This is a project that you are likely to hear a lot more about in the future, but for now we will focus on the material handling aspects, specifically the log infeed system and residual systems that have already been installed and are up and running.



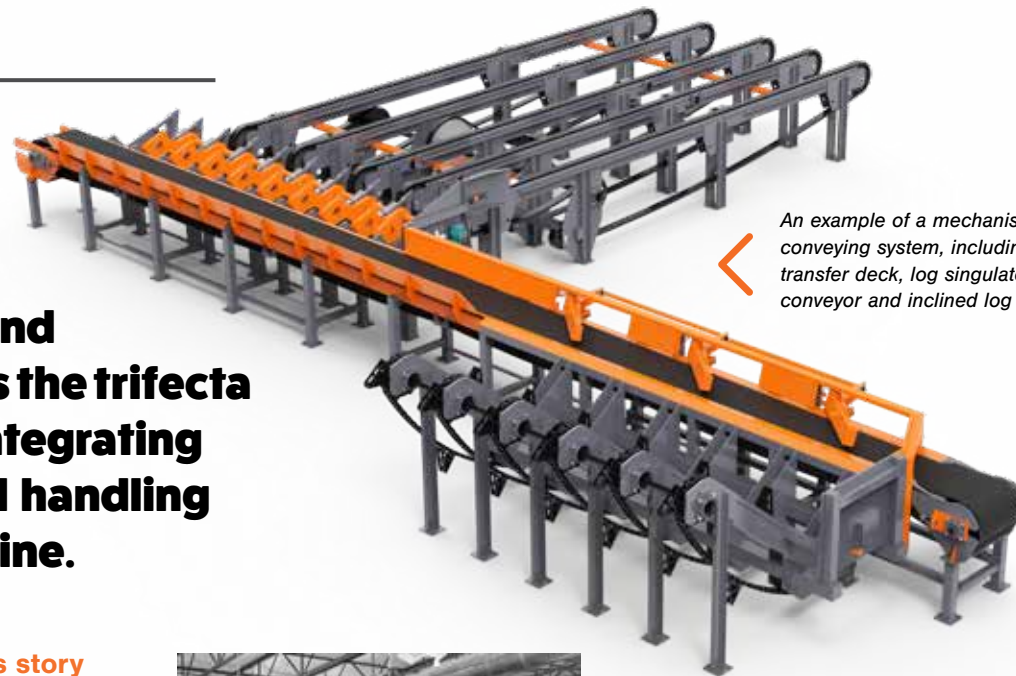
Custom log infeed system to a TV6000 optimized sharp chain.

For these parts of the mill, we focused on capacity and equipment weight. As mentioned, material handling can easily become a bottleneck in any process. So, installing sufficient capacity is key to freeing up machine centers to do their thing.

Most of what we installed at this site was new development for Wood-Mizer and we have been pleased with the way that our engineers' attention to detail has paid off. We managed to balance equipment cost with functionality and durability and we produced good solutions that solved challenging site issues.

### What was the most valuable lesson you learned through the installation of this system?

I learn this lesson on repeat: We will always be faced with budget constraints, but it is far better to find the



An example of a mechanized log conveying system, including a transfer deck, log singulator, belt conveyor and inclined log ladder.

additional budget up-front to address foreseeable challenges right from the start, rather than waiting to tackle those issues when they arise. The incremental ROI gain from freeing up the system to run efficiently creates exponentially more revenue from earlier on in the project.

### Who do we contact if we want to continue this conversation?

**Gary Vande Linde**, our sales engineer. He specializes in large systems and

will gladly assist anyone with questions or help them start the investment in building a custom material handling solution. 📧

✉️ [gvandelinde@woodmizer.com](mailto:gvandelinde@woodmizer.com) 🗨️ 901.308.3427



Lugged even ending rollcases.

# INCREASE THE VALUE OF EVERY BOARD

## EG400 Twin Blade Board Edger

Industrial twin blade lumber edger with 30HP electric power, two movable 16" carbide-tipped blades, 36" max flitch width, 4" board thickness, 28" max finished board width, optional networks, and up to 111 fpm feed system.



EG400 Twin Blade Board Edger

EG300 Twin Blade Board Edger



EG800 Manual Board Edger



EA3000 Optimizing Board Edgers



INCREASE PROFITS **UP TO 30% BY** TURNING YOUR FLITCHES, SIDEBOARDS, AND SLABS INTO CLEAN, SQUARE-EDGED BOARDS.

Easy operation, durable construction, and carbide-tipped blades make Wood-Mizer board edgers a profitable investment for sawmill owners looking to increase the value of every board.

# meet the team

**Wood-Mizer** systems  
INDUSTRIAL SAWMILLING SOLUTIONS



Pin this map to your wall and get in touch with us anytime, anywhere.

**Our global engineering team and sawmilling systems specialists work with you to plan and execute solutions that achieve your goals.**



**LUKE MURRAY** | Corporate Director  
lmurray@woodmizer.com | +27 82 415 3793

In our day to day lives, we see people remain loyal to brands for a lifetime because that company treats them like family and continually evolves with them as their needs change. In the sawmilling industry, Wood-Mizer, more than any other company throughout the last 40+ years, is growing to be that brand for sawmilling businesses.

No other sawmill machinery manufacturer offers solutions for so many levels of sawmilling. Whether you are milling one log a day or thousands, we're dedicated to having the machinery that helps you achieve your goals in a safe, reliable and cost-effective way. And we're not going to stop evolving with you.

Wood-Mizer's Industrial Product range continues to expand and improve on all levels. In addition to standalone machines, you can now look to us for comprehensive systems complete with advanced material handling solutions. In addition to narrow bandsaws, you can now look to us to find wideband, circular saw and canting solutions. In addition to straightforward heavy-duty sawmill machines, we now offer complex, automated and optimized machine center solutions.

All of this is thanks to an ever-growing Wood-Mizer family starting with you and working its way through our product specialist, engineering, manufacturing and after-sales support teams. We're proud of how far we have come, excited about where we're going and grateful for who we get to share this journey with. Drop us a line to discuss your next opportunity to grow your business with us.

**COLIN CAMPBELL**  
Industrial Products Sales Manager - USA  
ccampbell@woodmizer.com  
317.719.4104

**BRIAN LATHROP**  
Industrial Sales Specialist - USA  
blathrop@woodmizer.com  
765.721.7630

**GARY VANDE LINDE**  
Large Systems Sales Engineer - USA  
gvandelinde@woodmizer.com  
901.308.3427

**SKYLER WEISENBURGER**  
Sales Director - Latin America  
sweisenburger@woodmizer.com  
801.830.5236

**ADAM KUBIAK**  
Industrial Products Sales Manager - Europe  
akubiak@woodmizer.pl  
+ 48 516 005 610

**STACY THOMPSON**  
Senior Industrial Sales - USA  
sthompson@woodmizer.com  
770.328.4880

**MARK THOMPSON**  
Africa Team Leader - Africa  
mthompson2@woodmizer.com  
+27 73 252 2344

**LEE PAULS**  
Sales Manager - South Africa  
lpauls@woodmizer.com  
+27 78 099 0321

**BRUCE HUSI**  
Regional Director - Africa  
bhusi@woodmizer.com

**PEET VAN STADEN**  
Industrial Sales Specialist - Africa  
pvanstaden@woodmizer.com  
+27 74 386 4290

**BOBBY JOSEPH**  
Regional Manager South Asia & UAE  
bjoseph@woodmizer.com  
+ 91-98471 69999

**PRADEEP RANASINGHE**  
Country Manager - Sri-Lanka  
pranasinghe@woodmizer.com  
+ 94 -777 11 8487

**DANIEL WONG**  
Country Manager - Malaysia  
danielwongabd@woodmizer.com  
+ 6019-3876288

**MATTHEW BLACKWELL**  
Technical Sales Specialist - Australia  
mblackwell@woodmizer.com  
+ 61 49 118 4699

**SARAH HONG**  
Sales Support - South Korea  
shong@woodmizer.com  
+ 82 10-9903-1525

**ROBERT MOXHAM**  
Regional Director - Asia & Oceania  
rmoxham@woodmizer.com

**IAN LENDRUM**  
Technical Specialist - Australia  
ilendrum@woodmizer.com  
+ 61 49 336 4173

**CONRAD SWART**  
Regional Manager - Oceania  
cswart@woodmizer.com  
+ 64 27 321 0450



“ We installed our first sawmill to process our own wood and vertically integrate the manufacturing process. Today, Wood-Mizer continues to help us further streamline and increase production without losing our reputation for high-quality. ”

BRIAN PETERSON  
President, Nelson Wood Shims

The company made the decision to invest in a new sawmill system to maximize log yield while minimizing investment and operational costs. Nelson Wood Shims cuts a variety of shims from top quality coniferous wood grown in North America and around the world. These small, wedge-shaped pieces of wood are a big deal both to Nelson Wood Shims and the customers who depend on them to align and level surfaces or provide support for construction projects. That’s why Nelson Wood Shims takes pride in providing high-quality and consistent wood shims for DIY enthusiasts and construction contractors. With 65 years of manufacturing and marketing experience, their recognizable products are sold through many well-known and national home improvement retail stores.

**“To uphold the legacy of our founder Wilbur Nelson, the manufacturing of high-quality true shims consistent in width and length and with feathered ends, is very important to us,” said Brian Peterson, President, Nelson Wood Shims.**

In the Summer of 2014, Nelson Wood Shims was not in the sawmill business. “We were struggling to procure the fiber we needed, and our wood shim sales continued to increase,” said Scott Berg, Plant Manager, Nelson Wood Shims. “We began looking at solutions to our problem and Wood-Mizer had an entry-level sawmill that would fit in our current building at the time. Wood-Mizer helped with the learning curve as we had not operated a sawmill before.”

In 2015, Nelson Wood Shims added a Wood-Mizer LT50 Hydraulic sawmill to their operation to process logs. “We installed our first sawmill to process our own wood and vertically integrate the manufacturing process. Today, Wood-Mizer continues to help us further streamline and increase production without losing our reputation for high-quality,” said Brian.



# SHIMS

are no small business!

FUELING THE JOURNEY TO PRODUCTION SUCCESS

Based in Minnesota, Nelson Wood Shims is the largest shim manufacturer in North America, producing high-quality products for nationwide distribution. This highly respected company recently invested in a comprehensive industrial sawmill system that Wood-Mizer designed and installed to help this modern sawmill operation move to the next level.



See how the sawmill line came together and watch the system in Action!



As Nelson Wood Shims continued to grow, the company turned to Wood-Mizer to find a solution to expand their sawmill capacity. “We were familiar with Wood-Mizer’s support and desire to please their customer,” said Scott. “Wood-Mizer provided an automated system at an affordable price.” The Wood-Mizer Sawmilling Solutions specialist team designed and installed a new high-throughput commercial processing line to meet the specific requirements of Nelson Wood Shims.

#### SCOTT BERG

Plant Manager, Nelson Wood Shims

Nelson Wood Shims’ sawmill system features a Twin Vertical Saw and a MultiRip Gang Saw that incorporates innovative system controls allowing one operator to process the logs to lumber for reduced labor costs. With the integrated material handling components, lumber moves through the system efficiently for sorting and stacking. The company counts on the system to provide highly accurate cuts along with an excellent sawn finish which improves recovery savings further down the line in the dry-milling and finishing process.



The TV6000 Twin Vertical Saw is Wood-Mizer’s largest and most robust primary breakdown twin-vertical saw, handling a high-throughput of small to medium diameter logs up to 21.8ft in length. “The main priority at this primary stage in the log breakdown process is to achieve equal open faces on the sawn cant,” said Luke Murray, Wood-Mizer Sawmilling Solutions.

Our twin bands achieve equal open face cutting using a fast and accurate log feed system coupled with pressurized hold-down rollers and a sharp feed chain. This allows for higher recovery down the line at the multirips, also known as gang saws.”

The multirips, saws capable of making multiple high tolerance cuts in a single pass, make up the next stage.

“The Wood-Mizer range of industrial machines allows us to meet the needs of customers who are experiencing growth or have growth goals.

We were thrilled to work with Nelson Wood Shims and install an innovative, heavy-duty sawing system on-time and on-budget.”

LUKE MURRAY OF WOOD-MIZER



“We appreciate the hands-on involvement, service, and commitment the team provides to support us. This is the start of a long-term partnership with Wood-Mizer,” said Brian.

years to come,” said John Smith, CEO, Wood-Mizer. “Our dedicated teams are focused on helping our clients build long-term solutions that generate maximum return on investment.”

Brian and Scott said that the installation process went very smoothly and the Wood-Mizer team provided in-depth training on all the equipment for mill personnel.

“Wood-Mizer delivered on-time and provided excellent installation service. When we ran into challenges, Wood-Mizer was both fair and reasonable as we worked through them,” shared Scott.



Optical sensors detect the presence of material, activating pneumatically assisted driven hold-downs to apply pressure down onto the cant, guiding the timber accurately through the MR6000 Gang Saw. “The MR6000 is a workhorse machine, producing the majority of finished product in most sawmills,” said Luke.

Providing added flexibility, each machine is designed to operate as a standalone unit and can be configured differently in a sawmilling line should the requirements of Nelson Wood Shims change. Wood-Mizer’s system engineers and manufacturing capabilities combined with project management, training and commitment to customer service allowed the team to build a heavy-duty, high recovery, and reduced labor system that is running efficiently for Nelson Wood Shims.

Shims is just one example of Wood-Mizer’s growing global reputation for providing innovative sawmilling systems. “The design of this system is matched to the customer’s needs and coupled with solid construction and plenty of power. We believe it will produce high-throughput and top-quality results for Nelson Wood Shims for many



“Our output has increased by 30% to 50% with less people!” said Scott Berg, Plant Manager, Nelson Wood Shims. “The consistent cuts through the gang saw also allowed for eliminating a planing process.”

# Find Your Perfect Match

## WOOD-MIZER INDUSTRIAL MACHINE GUIDE

We have a vast product range, so choosing the best machine for your application can be challenging. We're here to help!

Our comprehensive guide features a convenient chart that simplifies this process. Whether you are an experienced professional or a newcomer to the field, the chart will be your reliable companion in finding a machine that matches your production needs. We want you to feel confident in your decision, so we've streamlined your options to make the selection process hassle-free.

We won't stop there! **Colin Campbell** is at your service to provide further guidance and detailed information on all the machines featured in the chart. Contact him at [ccampbell@woodmizer.com](mailto:ccampbell@woodmizer.com) or 317.719.4104.

TOGETHER, WE'LL FIND YOUR ULTIMATE SAWMILLING SOLUTION

### VERTICAL SAWMILLS



### HORIZONTAL SAWMILLS



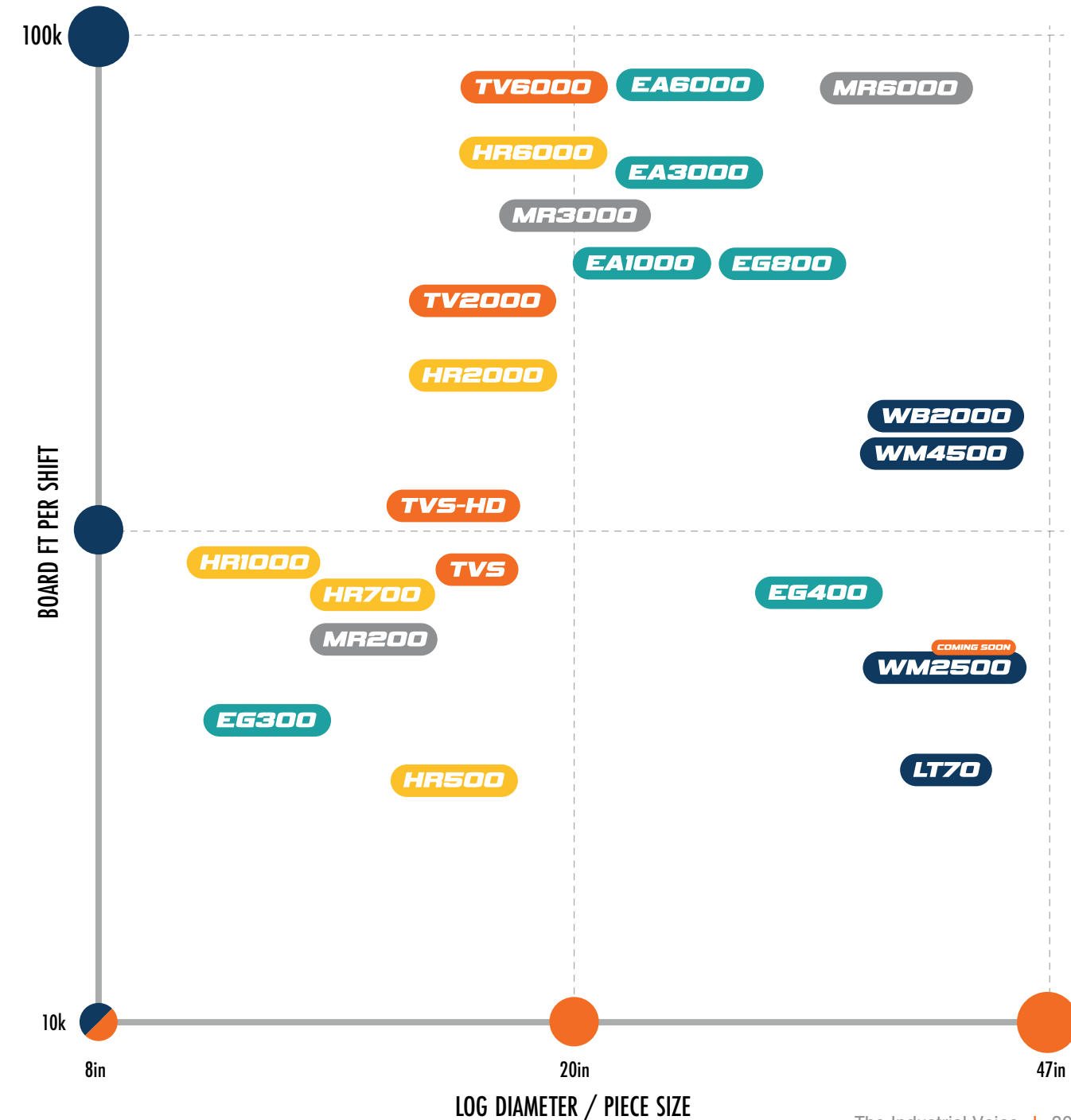
### GANGSAWS



### HORIZONTAL RESAWS



### EDGERS





# Unlocking the Beauty of Oak

## SIMON BELFIELD'S SAWMILLING STORY

In the picturesque setting of Saint Asaph, Northern Wales, the Wood-Mizer Open House event unfolded at the Oak Frame Company in June. Simon Belfield, a devoted sawmiller and the company's owner, specializes in crafting exquisite oak and larch products, ranging

from charming cabins, gazebos, and garden sheds to awe-inspiring oak roofs, framing, and constructions. "I have always enjoyed working with wood," Simon says warmly. "Wood appeals to everybody. It has so many end-uses. It's a phenomenal product at the end of the day."

Simon's passion for wood led him to venture into tree felling and joinery work soon after completing his secondary education. "I started my sawmilling about 30 years ago with a fellow contractor. I should mention my fellow sawmiller Dai Watkin Jones, who helped me a lot in establishing my business. I then built my sawmill based on a big circular rack sawmill, which I later upgraded to a static band sawmill.

head and bed handle large logs, which is ideal for customers looking for wider boards. There are board fingers behind the sawhead to remove the freshly sawn lumber onto the conveyor belt that transfers it to the next machine."

A crucial machine in Simon's sawmilling line is the EG300, which crafts precise dimensional lumber. "I like my EG300 because it eliminates the handling process through the sawmill. Now I receive the slab off the mill, forward it to the edger, put the boards on the sticks, and off it goes to the dryer. We make ready-lumber without even having to touch it again," Simon explains.

In June, Oak Frame Company hosted a crowd of visitors who were interested in seeing Simon's Wood-Mizer machines in action and observing the art of transforming oak into premium wood products.

Apart from the machine demonstrations and getting an inside look at Oak Frame Company, Wood-Mizer experts offered valuable advice on sawmilling and woodworking projects, fostering a platform for customers to share insights and experiences with fellow sawmillers and woodworkers, including Simon and his team. Simon enthusiastically shared, "Yesterday was busy for us with so many people visiting the show."



Thirteen years ago, I moved to my current location and bought my first portable sawmill, the Wood-Mizer LT40," Simon recounts with a sense of accomplishment.

The LT40 served him well in handling the volume of lumber back then. Today, the fast and fully loaded LT70 sawmill, accompanied by the EG300 board edger, the log deck, and the material sorting table, paves the way for production improvements. "We decided to upgrade our workshop to the LT70 sawmilling line because it can handle a higher throughput of lumber," Simon explains excitedly.

"The durable log deck can take enough logs for one work shift. The sawmill



**“Each time I’m about to cut open a new log, I can’t wait to see what grain and texture I can discover inside. It always makes my heart miss a beat.”**

SIMON PROUDLY SHARES




Those that attended the show ranged from entrepreneurs and startups to established commercial sawmillers who are always keeping an eye on the industry and exploring their options. This event gave

visitors the opportunity to also explore complementary products, such as the MB200 SlabMizer that efficiently surfaces and flattens high-quality wood slabs, as well as the newest MP280 four-sided planer/moulder and the reliable MP360 planer/moulder unit. "We've recently been making some oak tabletops on the MB200 SlabMizer, which turned out stunning. This machine can do what other machines can't do. With the SlabMizer, you can take off a minimal amount of material without losing much on the thickness of the slab. Wide boards and slabs are very marketable,



and customers are willing to pay extra for these premium products."

As the Welsh open house drew to a close, visitors left with newfound insights inspired by the remarkable advancements in wood-processing technology. Simon's passion for wood and the innovative Wood-Mizer machines stood as a testament to the artistry and expertise behind creating premium wood products. The event was an enriching experience, fostering connections within the wood-processing community. 🍷





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AS SEEN AT  
**LIGNA**

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## HEAVY-DUTY TWIN VERTICAL SAW



The unit fuses a range of systems to accurately open two vertical sides in one pass on ≤ 6 logs/minute. An incline loading deck and automated log turner move and rotate logs to the ideal cut position. A moving bottom sharp chain and overhead pressure rollers guide the log into the cut.

No log sorting is required as the twin cutting heads automatically adjust to the selected cut size. Overhead pressure rollers and side disks guide the cant and sideboards out. Use as a standalone unit or as part of Wood-Mizer's SLP system.

### TWIN CUTTING HEADS

Make two vertical cuts in one pass.



### ADVANCED CONTROL PANEL

New ergonomic operator panel design with Touch Screen and Setworks.



### SLAB REMOVAL SYSTEM

Side Disks release slabs onto conveyors below.



### INCLINE LOADING DECK

Singulates and transfers logs to the log turner.



### AUTOMATED LOG TURNER

With hammer pneumatic rollers on the infeed side.



Watch this machine  
in Action!





**UNMATCHED ACROSS  
THE BOARD**



**UNMATCHED AROUND  
THE GLOBE**

Available in **single, five, ten, or fifteen packs**, **Wood-Mizer blades fit a variety of portable sawmills** and band resaws including Wood-Mizer, Baker, Brewco, Brewer, Cooks, Hud-Son, Norwood, Timberking, Woodland Mills & more.

Wood-Mizer offers an extensive range of sawmill bandsaw blades with **more than 100 combinations** based on profile, width, thickness, tooth spacing, and material for any type of sawing or resawing application.

Find the best blade for your sawmill and resaw online with **SHOP BY MAKE & MODEL**, the fast and easy way to find your perfect blade.

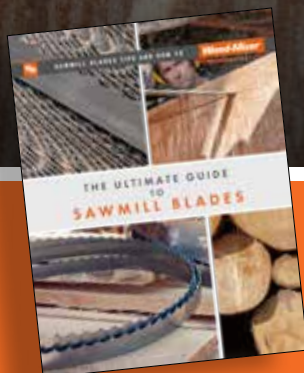
Select sawmill blades are in-stock and ready to ship— **over 95% Ship in 1-3 Business Days!**



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# New ways to **SHAPE** your lumber operation



## WOOD-MIZER OFFERS REX PLANER PRODUCTS IN NORTH AMERICA

In the ever-evolving lumber industry, sawmill operations are known to always be exploring ways to expand their business, add value to their wood products and increase their bottom line. Recently, Wood-Mizer has talked with many customers looking to commercially produce a shaped, planed and moulded finished product without completely changing their business setup or breaking the bank. With a listening ear and a commitment to being a complete “Forest to Final Form®” provider, Wood-Mizer made the decision to offer a well-known, compact planer moulder called the **TIMBERMASTER**.

Crafted with precision by German manufacturer REX, their machines offer the latest technology, excellent feed speeds, large working widths and an impressive price to performance ratio. Whether you’re planing wet or dry lumber, boards, log house profiles, solid construction timber (KVH), duo/trio beams or glued laminated timber (BSH) – REX planers have a long history of delivering excellent results.

The **TIMBERMASTER** series stands out as a compact, flexible planing machine perfect for small and medium-sized companies looking to expand their lumber operations with the addition of a high-throughput industrial planer. Equipped with four to ten work spindles, floating vertical shafts and floating chamfering units, its modular design makes various options possible. Planing heads can be easily exchanged, maximizing uptime.

Wood-Mizer and REX have crossed paths for years at industry shows, as well as on site at customer operations throughout Europe. Both companies hold a mutual respect for the other and a shared interest in all things wood. Furthermore, the two allies equally specialize in vigorously designing and producing reliable and innovative machines that cater to the needs of various lumber operations worldwide. With so many natural connections, a willingness to work together came easily.

Sawmill operations in the USA can rest assured that Wood-Mizer will make it simple and easy to integrate a tried and trusted Timber Master into their operation. From ordering, installing, training, support and spare parts, Wood-Mizer will make sure the REX **TIMBERMASTER** is a machine that shapes your business and your bottom line.

## TIMBERMASTER

**Flexible. Compact. Universal in use. Indestructible stability**

Working widths	Up to 24,8"
Working heights	Up to 11,8"
Feed rates	Up to 131ft / min
Control	Siemens S7 PLC with Profinet connection
Spindel assembly	According to your wishes
Areas of operation	Production of lumber Production of log cabin frames Production of solid construction timber (CT) Production of duo/trio beams Production of glued laminated timber (glulam)



If you are interested in learning more, contact Gary Vande Linde, our senior sales engineer at 901.308.3427 or [gandelinde@woodmizer.com](mailto:gandelinde@woodmizer.com).

AS SEEN AT  
**LIGNA**

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FEATURED PRODUCT

## HIGH PERFORMANCE GANG RIP SAW

# MR200

GANG RIP SAW

The MR200 Gang Rip Saw will increase the productivity of a sawmill, as well as save time and significantly reduce the amount of work needed to rip cants. Reliability, accuracy, versatility and ease of use make the Wood-Mizer MR200 Gang Rip Saw a profitable investment in large production plants.

This Gang Rip Saw can be equipped with 12 circular saws on each arbor, significantly speeding up the cant-cutting operation. The maximum width of the cut is 21.2". Considering its technical parameters, the machine is extremely compact. The feed speed is adjustable from 4,92 to 49,21 ft/min.



### TWO ADJUSTABLE ARBORS

Both arbors can move up/down allowing for smaller diameter, thinner kerf saws to be used on thinner material.



### LASER LINE AND INFEEED ASSIST ROLLER

A laser line and infeed assist roller provide precise alignment and efficient feeding of Cants.



### BUILT-IN CHIPPER

Reduces downtime by protecting sawdust chutes from clogging up and forcing operators to stop the machine to clean out wooden chips, offcuts and other debris.



### DRIVEN PRESS ROLLS

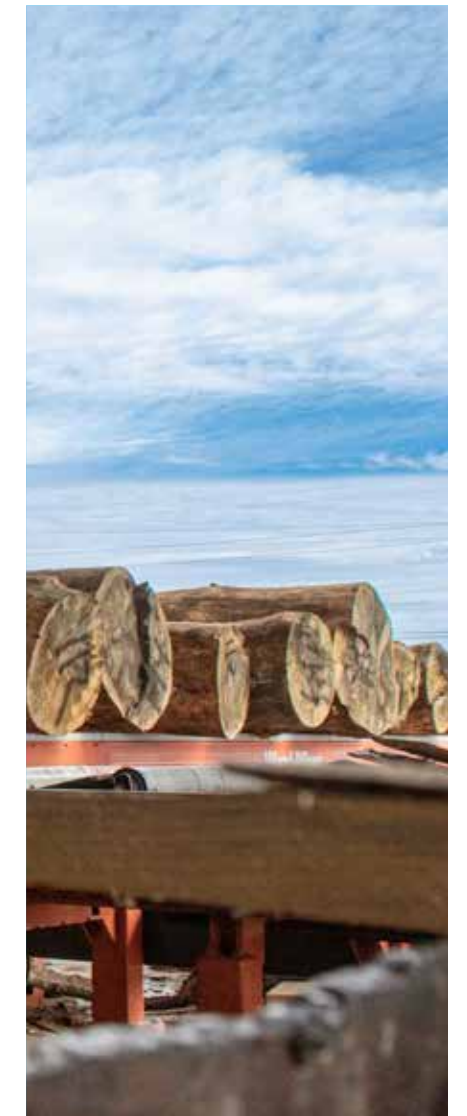
On both the infeed and outfeed are located close to the saw blades for sawing cants as short as 27,6".



### MODULAR INFEEED AND OUTFEEED TABLES

Provide an unlimited cant length capacity with additional tables (6,56 ft).

Watch this machine  
in Action!



# from TREE to TRACKS

## COMPANY INSTALLS INDUSTRIAL SAWMILL TO DIVERSIFY AND GROW

In the city of Puerto Palomas de Villa, located on the border between the United States and Mexico, a company dedicated to the manufacturing of wooden railroad ties and posts has expanded its operations with a Wood-Mizer WM4500 Industrial sawmill. This expansion reflects the company's strong determination to successfully carry out the entire wood production cycle.

Established in 1986, the company initially focused on producing railroad ties and wooden posts. However, approximately five years ago, the company implemented a strategic diversification plan that led them to enter the market for finger joints, mouldings and components used indoors and interiors.

“It was my brother’s vision that led to the establishment of the company in 1986,” explains Javier Palacios, the owner of the company, as he narrates the history behind its establishment.

His brother’s experience working at a creosote plant sparked the idea of treating wood with CCA (Chromated Copper Arsenate) preservative – a chemical wood preservative composed of chromium, copper and arsenic compounds known for its effectiveness in protecting wood from decay, insects, and fungal infestations. Additionally, they set up a copper salts

autoclave business. An autoclave is a specialized device used for sterilization and various industrial processes requiring high-pressure and high-temperature conditions. In this context, the copper salts autoclave was used to facilitate the impregnation of wood with the CCA solution, ensuring thorough and uniform protection. With determination and perseverance, the business gradually grew over the years.

“We prioritize getting the utmost value from wood. We’ve implemented various operations to ensure efficient utilization,” explains Luis Anchondo, the engineer leading the production process. “The company’s business model is to procure logs and conduct a step-by-step process to create a variety of products. These products are then distributed among different companies under our management.”

### Maximizing Production Efficiency with the Wood-Mizer WM4500 Sawmill

The company has always aimed to close the lumber production cycle from raw material to finished product. Therefore, the company processes the logs and carries out the necessary downstream steps to produce a product that is ready to sell.

“Upon the arrival of our logs, we start by processing them on the Wood-Mizer WM4500 sawmill. This serves as the first crucial step in our production process,” explains Luis, “Subsequently, the lumber is sent for drying in either kilns or stacked for air drying, depending on the specific process being employed.”



Carlos Rodriguez, Wood-Mizer Mexico Manager, operates the WM4500 Industrial Sawmill from the spacious operator cabin.



“Recognizing the need for our own sawmill, we invested in the equipment to achieve the versatility necessary to process lumber according to our unique requirements. Our sawmill has been highly productive, user-friendly and the training provided was exceptional.” JAVIER PALACIOS



Before owning their own sawmill, the company faced difficulties in obtaining boards with the desired dimensions from suppliers. The high demand for lumber in Mexico contributed to the scarcity and increased cost of custom-sized lumber. The WM4500 sawmill has become a crucial asset for the company, granting them a valuable advantage over their competitors. With the ability to purchase logs and saw them according to their specific needs, the company has been able to minimize their operation costs.

The WM4500 sawmill is a robust and high-performance sawmill, with many of the benefits of Wood-Mizer’s world-renowned range of industrial sawmills. The WM4500 can be used as the primary equipment for wood sawing or for preparing logs for further processing. Equipped with a high-performance engine and a robust, thin kerf blade, this sawmill can effortlessly process logs of various sizes and species.



The WM4500 sawmill sets itself apart with its incredible features, which include an operator cab for enhanced convenience. This industrial-grade sawmill boasts a high-pressure blade lubrication system, reinforced dual-rod side supports, heavy-duty angled bed rails, an off-feed conveyor and roller, two powered taper rollers, a board drag-back, hydraulic chain log turners, a floor-anchored log clamp, a laser sight, and a user-friendly human-machine-interface control screen. Moreover, this powerful sawmill model is capable of cutting logs up to 21 feet long.

One of the key advantages of the WM4500 sawmill is its ability to maximize efficiency without compromising on precision. The cutting process is automated, ensuring consistent results and minimizing waste.



The sawmill also has a hydraulic log handling system that simplifies the loading and positioning of logs, reducing downtime and increasing overall productivity. With its accurate measurements and smooth cutting action, the WM4500 effortlessly saws railroad ties, posts and more.

“Upon purchasing the equipment, Wood-Mizer strongly advised us to set up our own sharpening center. When you are working non-stop and a blade becomes dull, having an immediate replacement is important. Our equipment ensures blade maintenance, providing both sharpening and setting of the blade.”

## Resource Utilization and Self-Sufficiency

Not only does the group efficiently utilize their lumber resources, but they have also established a sustainable process that minimizes waste. Sawdust and bark are utilized as a fuel source in the boiler that powers the kilns. They also recover slabs by turning them into moldings and finger joints. Through these methods, the group has achieved an impressive level of resource utilization and self-sufficiency.

The sawmill has not only increased the company's productivity and efficiency but has also opened up opportunities for expansion. Currently, they have the capability to produce 9 thousand board-feet per day with the Wood-Mizer sawmill. However, they have plans to acquire a resaw machine to optimize their process and further increase production. In the finger joint area, the company already produces an impressive 150 thousand board-feet per month, while in the railroad ties area, they handle an average of 3 to 4 thousand railroad ties sleepers per month.

"We are determined to fully exploit the capabilities of this fantastic piece of equipment," Javier expresses eagerly. Alongside their commitment to maximizing efficiency, the company is actively pursuing expansion into a new city and scouting for the perfect location. Their future plans include acquiring another Wood-Mizer sawmill and establishing a complete CCA treatment plant, equipped with all the necessary facilities.

The completion of the lumber production cycle and the path towards self-sufficiency are primary goals for many companies operating in Mexico, and Wood-Mizer sawmills have proved to be a valuable asset to increase production efficiency and versatility.

"The investment in equipment such as the Wood-Mizer WM4500 sawmill provides the opportunity to optimize and customize different processes," states Carlos Rodriguez, Wood-Mizer Mexico Manager. "Javier Palacio's company is a great example of how investing in quality equipment and implementing efficient processes can pave the way for businesses to successfully reach their goals for growth and expansion." 🏡



From left to right: Luis Anchondo (Production Engineer), Carlos Rodriguez (Wood-Mizer Mexico Manager), Javier Palacios (Company owner).

# TOP 5 BLADE ESSENTIALS

## WHAT EVERY SAWMILLER SHOULD HAVE IN THEIR TOOLKIT

These simple yet effective accessories extend your blades' life and enhance their overall performance saving both time and money in the long run.

GET A PERFECT CUT EVERY TIME.



### BLADE TENSION GAUGE

Say goodbye to blade deflection and hello to precise cuts all day every day.

### TOOTH SET GAUGE

Saw to the T: It's all about precision. Ensure consistent performance by keeping blade teeth aligned and spaced to perfection.



### BLADE PROFILE GAUGE

Knowledge is power. Know your blade. Know your profile. Ensures your blades always rock the right profile.



### CBN GRINDING WHEELS - 5" & 8"

Sharpening equipment's best friend. Enjoy fewer wheel changes, reduced maintenance, and smoother cuts.



### GRINDING OIL

Don't let friction hold you back. If you have sharpening equipment this essential lubricant and coolant duo is your secret weapon in achieving razor-sharp edges and preventing overheating.



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FEATURED PRODUCT

## OUR MOST VERSATILE VISION OPTIMIZING EDGER SYSTEM

# EA3000 OPTIMIZING EDGER



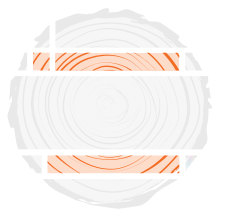
The Wood-Mizer EA3000 Optimizing Edger uses advanced camera scanning technology to achieve high precision and low waste edging of boards. The entire edging process is automated – from incoming boards to scanning to sawing. Capable of handling up to 16 boards per minute, the high performing EA3000 is a revolutionary machine that combines robust construction and advanced technology into an affordable solution.

### INCOMING TRANSFER DECK

Flexible to receive boards from left, right, or both sides.

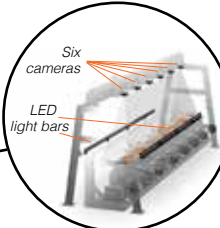
### BOARD POSITIONING

Board positioning arms align the board before overhead press rolls engage to secure the board position



### AUTOMATIC MULTI-CAMERA VISION SCANNING SYSTEM

To assess maximum recovery from the board, plus color, grade & defect evaluation.



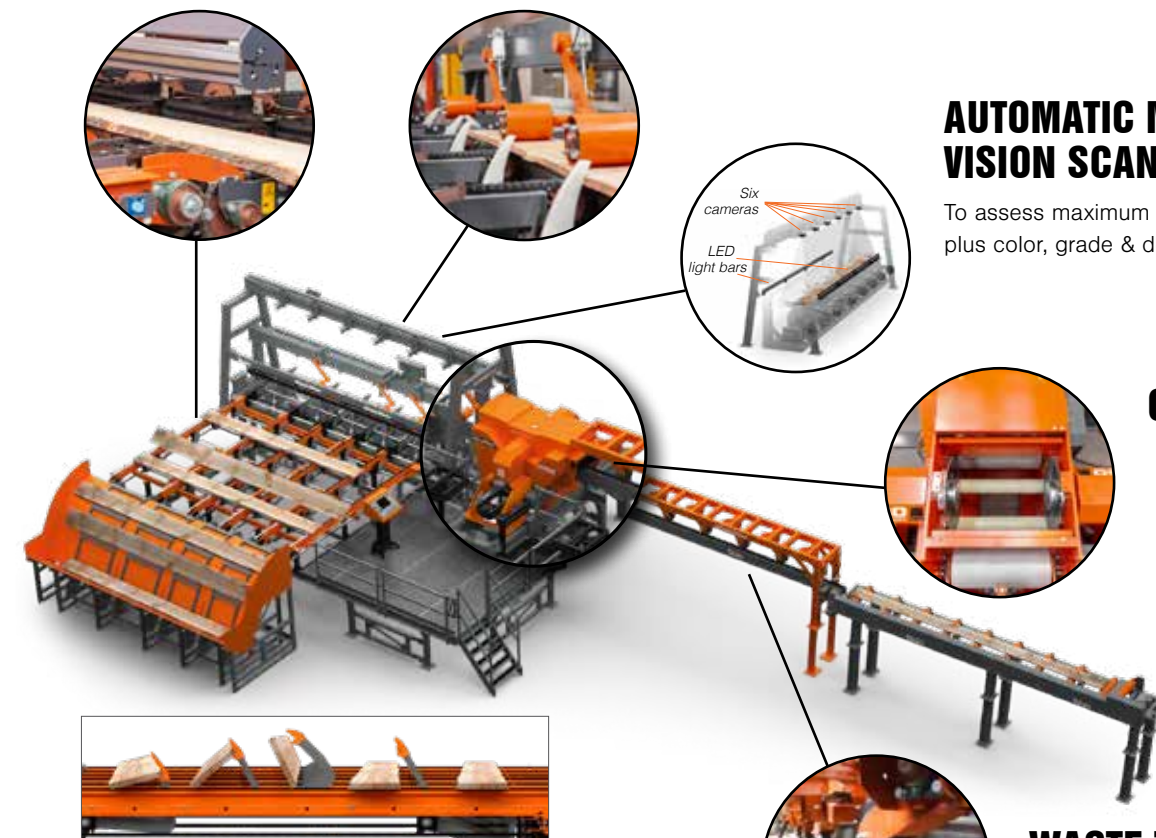
### OFFSET SAWING

Two de-coupled blades can be offset; adding to the value recoverable from the boards.



### WASTE TAILER

Outfeed automatically separates waste from finished material.



### CROSS TRANSFER WITH HOOK-STOPPS

Hook-stops straighten boards, and an operator flips boards in the wane up position.



Watch this machine  
in Action!

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*from forest to final form®*

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# SAY HELLO TO HIGH PERFORMANCE SAWMILLING

Say HELLO to the WB2000 Industrial Sawmill that combines the increased yield of thin-kerf blade technology with the production demands of wideband sawmill blades.

WATCH THIS  
MACHINE IN  
ACTION



## **WB2000** WIDE BAND SAWMILL Features:

- Heavy Duty Twin Rail Head Construction with Quad Post Support
- Increased Material Drag Back Capability
- Wideband Performance, 2" and 3" Available
- 6 Ton Log Capacity
- HMI Cab Operated Feed Controls with Two-Camera Video System

