



INDUSTRIAL SAWMILLS

Wood-Mizer®

SAWMILLING SOLUTIONS AND WOOD PROCESSING EQUIPMENT





Wood-Mizer®

from forest to final form

Since 1982, Wood-Mizer has earned the reputation as a leading wood processing equipment manufacturer with a strong legacy for its innovative sawmilling products. Commercial wood processing companies around the world rely on Wood-Mizer industrial equipment to produce accurate lumber while reducing capital, material, labour, energy, and maintenance costs. Offering everything from single machines to complete systems, Wood-Mizer's industrial range includes sawmills, horizontal resaws, edgers, smart log processing, and material handling equipment to efficiently and profitably process timber into valuable wood products.



Wood-Mizer US Headquarter's new production hall in Indiana.



Wood-Mizer Europe's Headquarters and production hall in Poland.



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MACHINES THAT MAKE YOU MONEY.

Making you money, two - twenty million board feet at a time! Our machines are operated today in companies producing 2 million board feet annually to companies producing 20 million plus. Wood-Mizer's Industrial line has revolutionized the way in which logs profitably become lumber.





WM1000

The Massive Sawmill
For Massive Logs



WM3500

Industrial Horizontal Headrig



WM4000

Industrial Horizontal Headrig



WM4500

Industrial Horizontal Headrig



WB2000

Horizontal Sawmill

* Available in the U.S.

EFFICIENTLY CUT MASSIVE LOGS WITH THIN-KERF ADVANTAGES

The Wood-Mizer WM1000 saws large softwood, hardwood and tropical logs up to 1.7 metres in diameter. This sawmill uses narrowband, thin-kerf blades to deliver higher log yields than traditional large-log sawing methods. Heavy-duty, accurate, and easy-to-use, the WM1000 features a massive cutting head that moves along a twin-rail frame to convert large logs into halves, quarters, finished boards, or cants for resawing. The operator controls all cutting functions while standing on a platform that moves with the head and includes electronic networks for accurate cutting.

The WM1000 uses thin-kerf, narrow band blades that are 50 mm to 75 mm wide, resulting in significantly improved log yield and less wood waste.

Built to last and run effortlessly in industrial applications, it easily integrates into existing operations with low installation costs. Simply extend the rails to cut longer logs.



WM1000MEC50 shown with optional track assembly



WM1000 packaged and ready to ship



WM1000 FEATURES:



Ride-along Operator Station
Stay close to the action comfortably and safely with the ride-along station.



Control Panel with Setworks
The standard setworks increases productivity and accurately positions the head for the next cut.



Blade Guide System
The use of double-carrying blocks reduces vibration and ensures proper support of the blade while cutting.



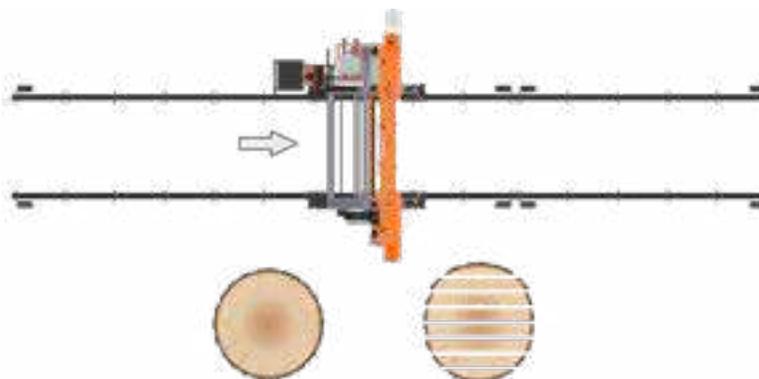
Blade Tensioner
The hydraulic system ensures constant tension during the cutting process.



Blade Lubrication
The two-sided blade lubrication system cleans and reduces noise during cutting.



Multi-point Blade Wheel Lubrication & Cleaning
A sawdust scraper and a heavy-duty lubrication pad cleans and lubricates the contact surface of the blade wheels.



WM1000 SPECIFICATIONS

Power	
Standard	22 kW electric
Options	30 kW electric 37 kW electric
Head Drive	
Power Feed	1.1 kW electric
Head Up/Down	0.75 kW electric
Blade Guide Motors	2 x 0.25 kW electric
Cutting Capacity	
Length	only limited by rail length
Max. Diameter	1.7 m - No bed 1.18 m - Manual bed 1.63 m - Manual bed with rail support system
Min. Diameter	500 mm
Min. width of cut	200 mm
Max. width of cut	1700 mm
Height above the blade	980 mm
Sawmill Head Features & Options	
Log on ground	Rails 2 x 10 m long (option) Rails 2 x 5 m long (option)
Manual log bed	Dual sided adjustable wedge clamps Rails 2 x 10 m long (option) Rails 2 x 5 m long (option) Raised rails 2 x 10 m long (option) Raised rails 2 x 5 m long (option)
Blade	
Length	9.80 m
Width	50 - 75 mm
Blade Wheel diameter	1070 mm
Blade wheel material	Crowned steel
Sawmill Requirements	
Normal power usage	400 V / 50 Hz, 3 Ph

WM3500

INDUSTRIAL SAWMILL

PRODUCTIVE THIN-KERF SAWMILL FOR INDUSTRIAL TIMBER PRODUCTION

The WM3500 is a proven industrial thin-kerf sawmill for primary log breakdown, and for cutting logs which cannot be processed in an automated line. The WM3500 delivers higher log yield at lower investment and operating cost than alternatives, increasing profitability and ability to produce diverse products quickly.

The WM3500 requires only one operator to manage log handling, sawing, and remove finished boards for further processing. Powerful computer networks, centralised controls, and heavy-duty hydraulic functions enable the operator to focus on producing quality timber at a high production rate.

The WM3500 uses thin-kerf, narrow band blades that maximise log yield and minimise waste and operational costs – increasing profits and competitiveness.



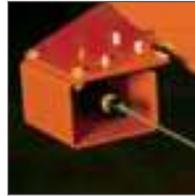
WM3500 FEATURES



Networks with joystick controls
Operator has full control with automation functions that increase productivity.



Operator Station
Standard raised platform gives operator clear view of work. Optional enclosure.



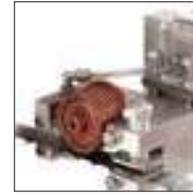
Dual Laser Sight
Line up logs for maximum recovery with the optional laser.



Debarker
removes bark, dirt, and debris from the path of the blade.



Pneumatic Air Strain Tension System
used for blade tensioning and provides a built-in shock absorber.



Blade Guides
Integrated blade lubrication ports, flanged, heat-treated rollers with high speed bearings, and double block guides.



Double Vertical Support
Provide a surface to clamp the log against, allowing the log to be cut perfectly square.



Heavy-duty Log Clamp
The versatile log clamp can be used to clamp the log or cant, as well to flip cants precisely.



Power Roller
Position the log on the sawing bed and remove cants quickly.



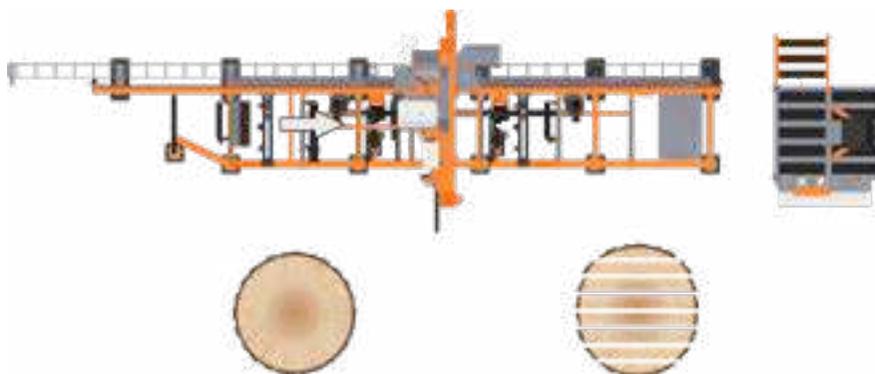
Bi-directional Chain Turner
Quickly turn and position the log with the heavy-duty turner.



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



Board Removal Conveyor
Automatically activates when board is being removed.



WM3500 SPECIFICATIONS

Power	
Standard	22 kW electric
Cutting Capacity	
Max. Log Diameter	1 m
Max. Width of Cut	860 mm (guide to guide)
Max. Log Length	6.5 m (6.3 m with board removal)
Max. clamp width	660 mm (from stop block)
Min. clamp width	50 mm (from stop block)
Sawmill Head Features & Options	
Standard	Computer Networks, Power up/down, Power Feed, Electric Blade Guide Arm, Automatic Blade Lubrication, Roller & Double Block Blade Guides, Laser Sight, Blade Tension
Optional	Debarker, Board Return Arms, Pantograph System
Sawmill Bed Features & Options	
Standard	Operator Station
Optional	Heavy-Duty bed with short conveyor Operator Cabin
STANDARD Hydraulic	Single Vertical Supports, Bi-directional Chain Turner, Central Clamp, Hold-down Clamp, Toe Board Roller, Power Roller, Hydraulic Pump 5.5 kW
SUPER Hydraulic	Double Vertical Supports, Bi-directional Chain Turner, Central Clamp, Hold-down Clamp, Toe Board Roller, Power Roller, Hydraulic Pump 7.5 kW
Tables (optional)	Log Deck 3.6 m or 6.0 m Inclined Conveyor Transfer Deck
Blade	
Length	4.98 m
Width	38 mm
Blade wheel diameter	635 mm
Blade wheel material	Belted cast steel
Sawmill Requirements	
Power requirements	400 V / 50 Hz, 3 Ph
Shop air supply	110 psi
Dust collection port size	150 mm

WM4000

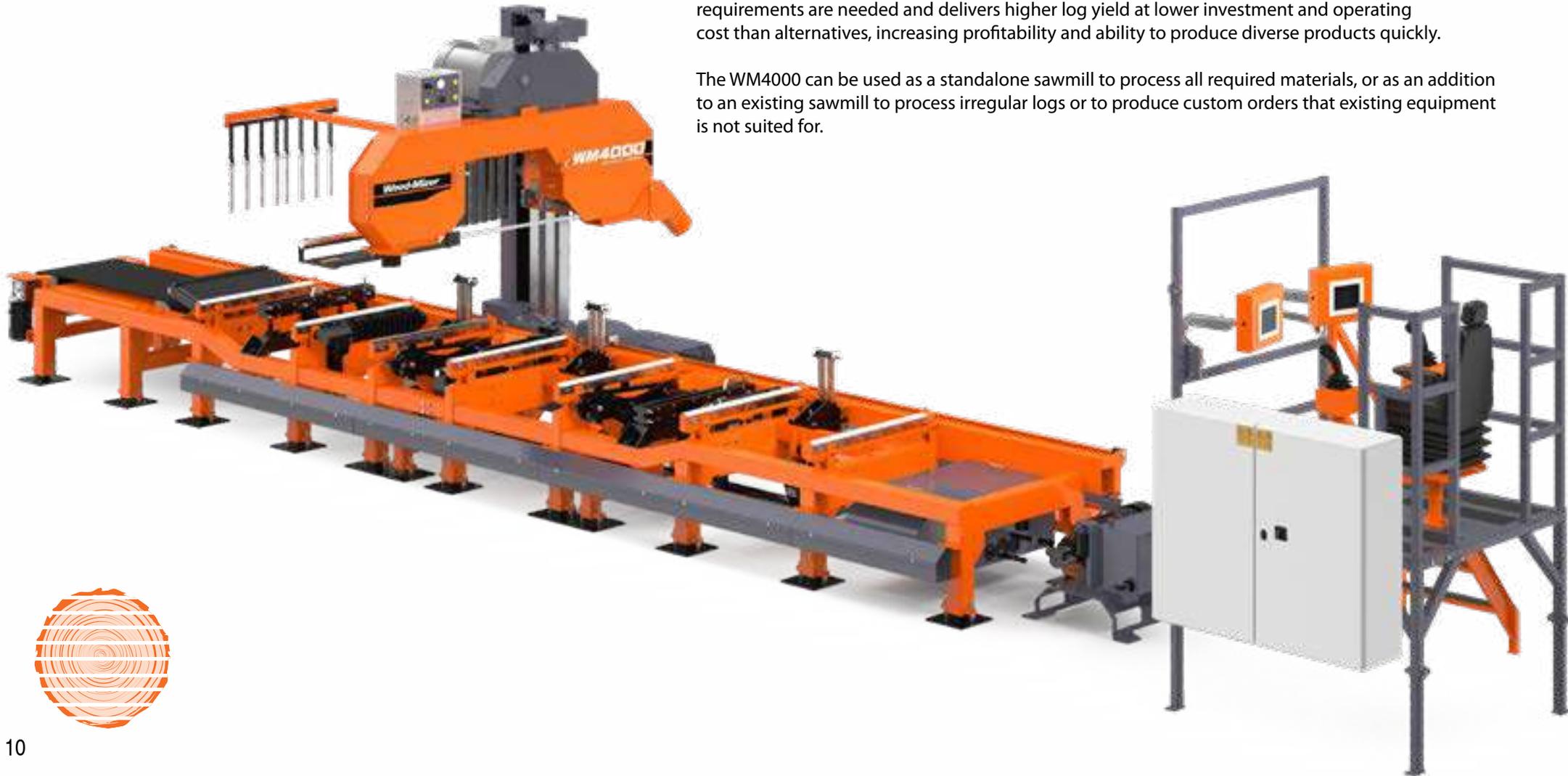
INDUSTRIAL SAWMILL

THIN-KERF INDUSTRIAL SAWMILLING AT ITS FINEST

The WM4000 combines the profitability enhancements of thin-kerf blades with productivity advances in automated sawing technology to create an ideal solution for any sawmill.

Only one operator is needed to manage log handling, sawing, and timber removal for further processing making the WM4000 a highly profitable machine. The WM4000 adapts easily for whatever cutting requirements are needed and delivers higher log yield at lower investment and operating cost than alternatives, increasing profitability and ability to produce diverse products quickly.

The WM4000 can be used as a standalone sawmill to process all required materials, or as an addition to an existing sawmill to process irregular logs or to produce custom orders that existing equipment is not suited for.



WM4000 FEATURES



Advanced Touch Screen Networks
Wood-Mizer's most efficient and powerful industrial PLC networks system.



Debarker
Removes bark, dirt, and debris from the path of the blade.



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



Double Vertical Support
Provide a surface to clamp the log against, allowing the log to be cut perfectly square.



Heavy-Duty Log Clamp
The versatile log clamp can be used as a log/cant clamp as well as a quick way to flip cants into position.



Hold Down Clamp
Invaluable when cutting logs which have compression or tension wood.



Two Bi-directional Chain Turners
Quickly turn and position the log with these heavy-duty turners.



Toe Board Rollers
Provide horizontal positioning to adjust for taper in the log, and assist with cant removal.



Power Roller
Easily enables you to position the log on the bedrails, and can also assist in removing sawn cants.



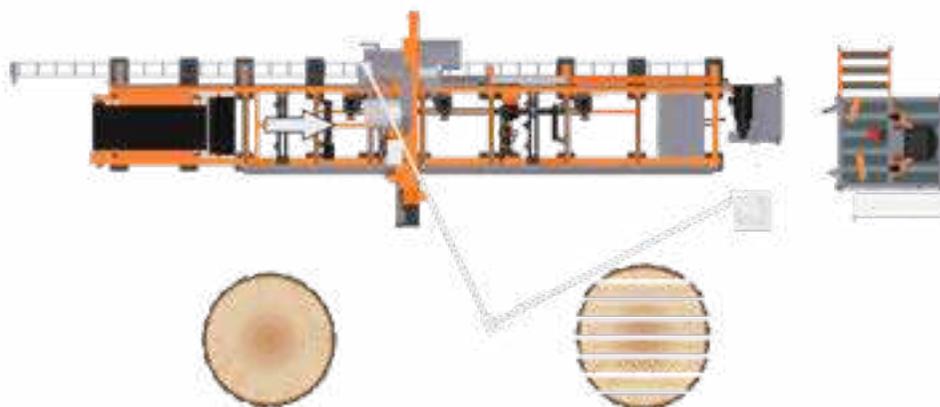
Bed Rails
New stainless steel covers and improved rail shape.



Heavy-Duty Bed
50% more steel than the WM3500 bed.



Board Removal Conveyor
Automatically activates when board is being removed.



WM4000 SPECIFICATIONS

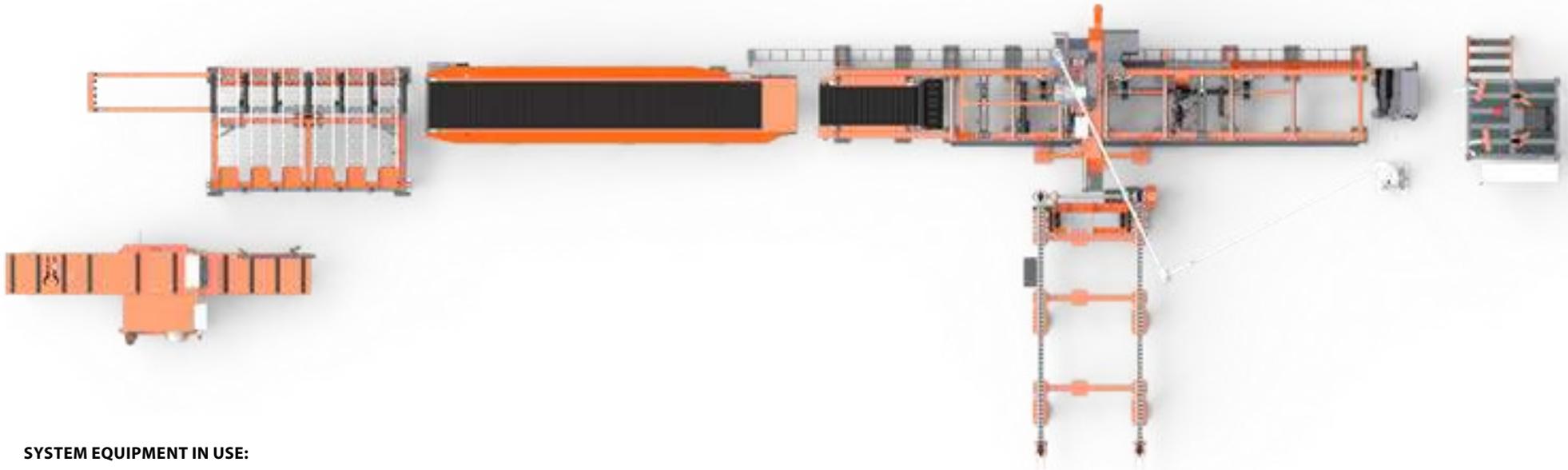
Power	
Standard	22 kW electric
Cutting Capacity	
Max. Log Diameter	1 m
Max. Width of Cut	860 mm
Max. Log Length	6.5 m (6.17 m with board removal)
Depth of Cut	330 mm
Max. Cant Width	785 mm
Sawmill Head Features & Options	
Standard	Touch Screen Networks Servomotor up/down Power Feed Electric Blade Guide Arm Automatic Blade Lubrication Roller & Double Block Blade Guides Laser Sight Blade Tension
Optional	Debarker, Pantograph System, Board Return Arms
Sawmill Bed Features & Options	
Standard	Heavy-Duty bed with short conveyor Operator Station
Optional	Operator Cabin
SUPER Hydraulic	3 Double Side Supports 2 Chain Turners 1 Central Clamp 2 Hold-down Clamps 1 Toe Board Roller 1 Power Roller Hydraulic Pump 7.5 kW
Tables (optional)	Sawmill Log Deck 3.6 m or 6.0 m Inclined Conveyor Transfer Deck
Blade	
Length	4.98 m
Width	38 mm
Blade Wheel diameter	635 mm
Blade wheel material	Belted cast steel
Sawmill Requirements	
Power requirements	400 V / 50 Hz, 3 Ph
Shop air supply	110 psi
Dust collection port size	150 mm

WM3500/WM4000 SYSTEM

Advanced automation to maximise log yield and minimise operational costs.

- Requires low installation costs and requirements.
- Produces less waste and more product.
- Lowers power consumption.
- Is inexpensive to maintain.

Wood-Mizer® systems
INDUSTRIAL SAWMILLING SOLUTIONS



SYSTEM EQUIPMENT IN USE:



WM4000 or WM3500



Incline Conveyor



Log Deck



Transfer Table



Edger

PANTOGRAPH SYSTEM

Keeps all cables that run from the sawmill to the operator's station away from sawdust and debris, resulting in troublefree operation.



OPERATOR STATION

Production depends on the operator, and the controls for the sawmill were designed with the operator in mind. The operators stand is intended to be positioned at the end of the mill with the head sawing towards the operator. The operator seat is located so that the angle of view provides a clear, unobstructed sight line. As the head pulls the cut piece off the mill and the air jets clean off any debris, the sawyer can plainly see the cut surface to make good grade sawing decisions. The sawyer sits in a comfortable rotating chair. The logical, functional layout decreases the time and cost of operator training.

OPERATOR CABIN

Spacious 2 m x 2 m Operator Cabin provides a comfortable working environment and clear visibility for the sawmill operator. For sound isolation, safety, or protection from the elements. Fully customizable to fit your tailored operation. Call our dedicated Industrial Sales team today for details!



WM4500

INDUSTRIAL SAWMILL

ROBUST, HIGH-PERFORMANCE INDUSTRIAL SAWMILL

As Wood-Mizer's next generation flagship industrial sawmill, the WM4500 continues a long tradition of providing commercial sawmilling equipment solutions throughout the world. Featuring many benefits of Wood-Mizer's world renowned industrial sawmill range, the WM4500 can be used as a primary headrig to saw pallet boards, grade or dimensional lumber or to breakdown logs for further processing. Alongside the complete range of Wood-Mizer sawmills, the WM4500 headrig capitalizes on thin-kerf blade technology to produce accurate lumber while reducing capital, material, labor, energy, and maintenance costs.



WM4500 FEATURES



Advanced Touch Screen Control Panel
High tech, state of the art Human Machine Interface (HMI) plus built in diagnostics.



Blade Guide Rollers
Large diameter for 51 mm (2") blades.



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



Double Vertical Support
Provide a surface to clamp the log against, allowing the log to be cut perfectly square.



Heavy-Duty Log Clamp
The versatile log clamp can be used as a log/cant clamp as well as a quick way to flip cants into position.



Hold Down Clamp
Invaluable when cutting logs which have compression or tension wood.



Two Bi-directional Chain Turners
Quickly turn and position the log with these heavy-duty turners.



Powered Off-Feed Conveyor & Roller
Auto power conveyor with new suspension roller to swiftly assist material flow.



Power Roller
Easily enables you to position the log on the bedrails, and can also assist in removing sawn cants.



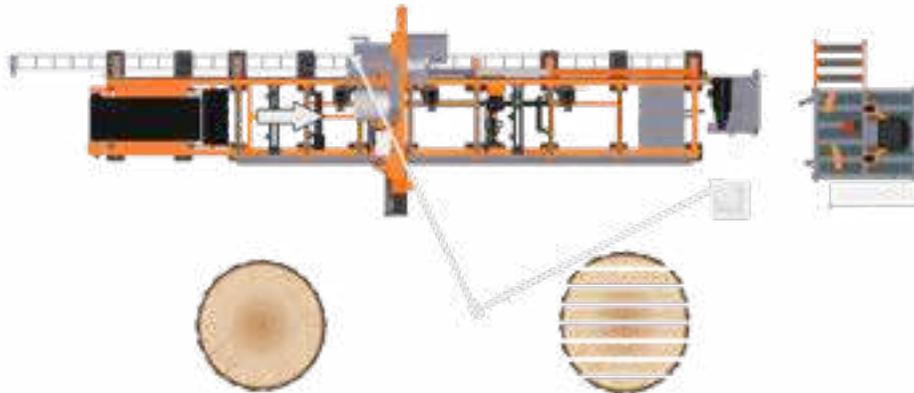
Angled Bed Rails
Roof-top style bed rails reduce debris on the bed and have less hang-up when dragging off material.



Floor Anchored Log Clamp
Mounts to floor, removes stress from bed.



Laser Sight
With the built-in laser, the operator always knows the cut line.



WM4500 SPECIFICATIONS

Power

Standard 22 kW electric

Cutting Capacity

Max. Log Diameter 1 m
Max. Width of Cut 819 mm
Max. Log Length 6.4 m (with Board Removal)
Depth of Cut 330 mm
Max. Cant Width 775 mm

Sawmill Head Features & Options

Standard Touch Screen Networks
Servomotor up/down
Power Feed
Electric Blade Guide Arm
Automatic Blade Lubrication
Roller & Double Block Blade Guides
Laser Sight
Blade Tension

Optional Debarker, Pantograph System,
Board Return Arms

Sawmill Bed Features & Options

Standard Heavy-Duty bed with short conveyor
Operator Station

Optional Operator Cabin

SUPER Hydraulic 3 Double Side Supports
2 Chain Turners
1 Central Clamp
2 Hold-down Clamps
1 Toe Board Roller
1 Power Roller
Hydraulic Pump 7.5 kW

Tables (optional) Sawmill Log Deck 3.6 m or 6.0 m
Inclined Conveyor
Transfer Deck

Blade

Length 4.98 m
Width 51 mm
Blade Wheel diameter 635 mm
Blade wheel material Belted cast steel

Sawmill Requirements

Power requirements 400 V / 50 Hz, 3 Ph
Shop air supply 110 psi
Dust collection port size 150 mm

WB2000

INDUSTRIAL SAWMILL

HIGH PERFORMANCE WIDEBAND SAWMILLING

Wood-Mizer's WB2000 features heavy-duty construction, low maintenance requirements, and efficient operation. The WB2000 uses narrow 50 mm and 75 mm blades or 100 mm stellite-tipped blades. When using 75 mm blades the sawmill is especially cost-efficient in terms of blade maintenance costs. To ensure the best visibility of the cutting and log handling processes we offer an live-feed video system with two cameras as standard. The modern, heavy-duty bed has a log capacity of up to 6 tonnes. The massive twin C-channel steel beams that make up the frame are 400 mm tall by 110 mm wide. All hydraulic log handling functions - such as the log clamps, chain turners, power rollers, side supports and hold-down clamps - are modular, and can be moved to different bunks as needed.

The WB2000 can be used as a standalone sawmill to fully process a log, or in addition to an existing business to process irregular logs or to produce custom orders that the existing equipment is not suited for.

WB2000 PRO



WB2000 FEATURES



Main Electric Motor
30 kW electric motor is standard.
37 kW electric motor - optional.



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



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



Vertical Side Support
Keeps the log on the bed during loading and turning.



Hydraulic Blade Tension
Maintains the pressure in the blade tensioning system.



Hold Down Clamps
Clamps the cant from two sides during cutting. Excellent for cants with internal stress.



Bi-directional Chain Turner
Equipped with a chain turner for quick log turning.



Central Clamp
Clamps and stabilises the log during the cutting process and is also used to turn squared cants.



Log Leveling and Cant Removal Roller
Used for positioning the log in the optimal place on the bed, and also for removing cants from the sawmill.



Board Removal Conveyor
Automatically activates when board is being removed.



Optional Laser Sight
A laser beam indicates where the blade will cut through the log.



Optional Debarker
Removes bark, dirt, and debris from the path of the blade.



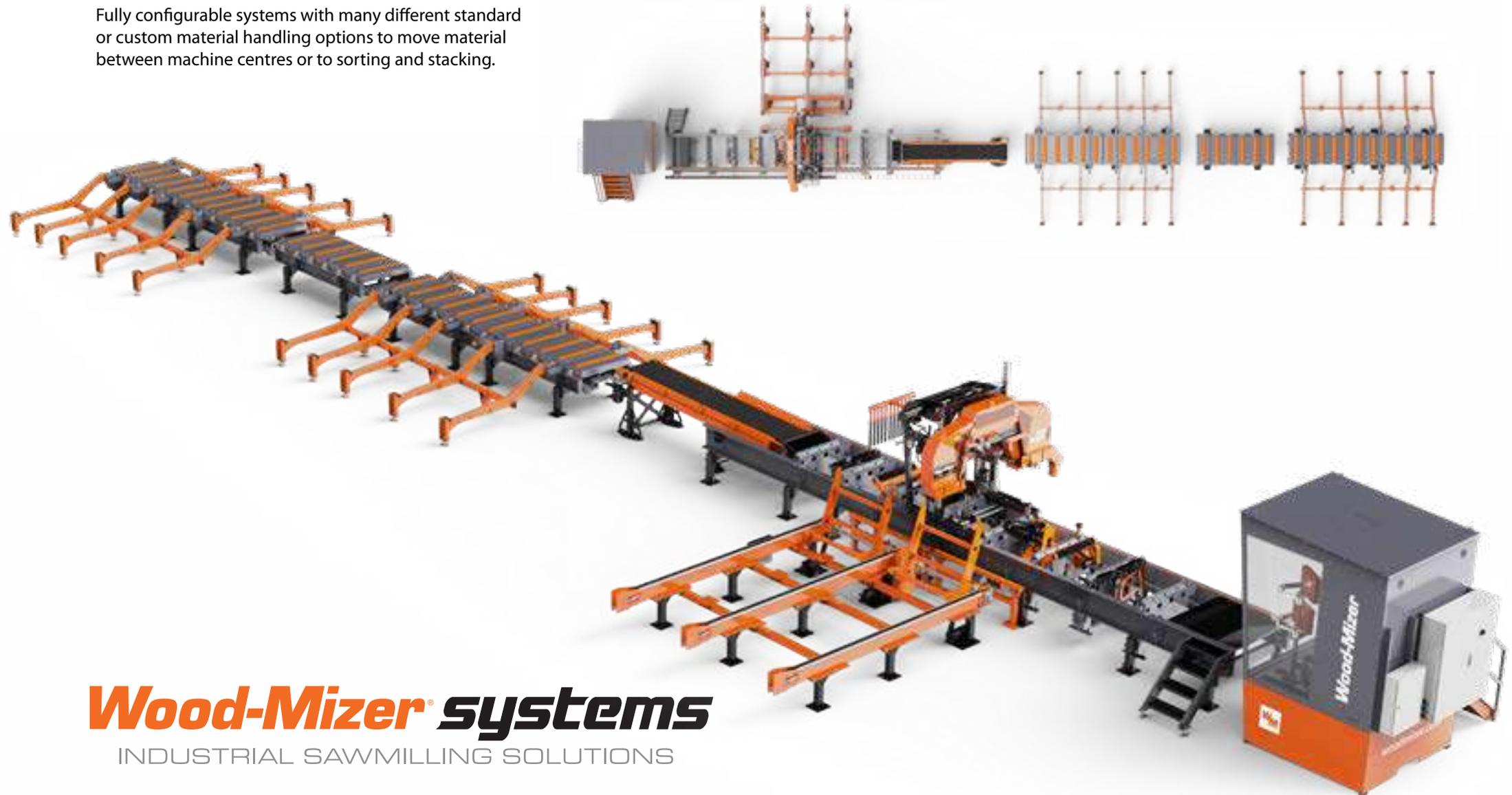
WB2000 ECO

WB2000 SPECIFICATIONS

Power		
Standard	30 kW electric 37 kW electric	
Cutting Capacity		
Max. Log Diameter	92 cm	
Max. Width of Cut	900 mm	
Max. Log Length	S Bed	M Med
WB2000PRO		
Without Board Removal System	5.2 m (17')	8.2 m (27')
With Board Removal System	4.5 m (15')	7.5 m (24')
Min. Cutting Length	1.2 m (4')	1.2 m (4')
WB2000ECO		
Without Board Removal System	4.5 m (15')	7.5 m (24')
With Board Removal System	3.8 m (12.5')	6.8 m (22')
Min. Cutting Length	1.2 m (4')	1.2 m (4')
Depth of Cut	330 mm	
Max. Cant Width	785 mm	
Sawmill Head Features & Options		
Standard	PLC Industrial Networks Guide Rollers Automatic Blade Lubrication, LubeMizer® Hydraulic Blade Tension System Power Feed and Up/Down System Camera Monitoring System (4 pcs) Board Removal System	
Optional	Debarker LaserSight	
Sawmill Bed Features & Options		
Standard	Heavy-Duty bed with short conveyor Operator Cabin / Operator Station Hydraulic Equipment Hydraulic pump 7.5 kW (PRO), 5.5 kW (ECO)	
Optional	Hydraulic pump 11 kW (15HP, 55 l/min) *Available in the U.S. Hold Down Clamp Bed Extensions: 2 m, 4 m or custom Belt-conveyor	
Material Handling System (Optional)	Log Deck (LD2) Sorting Table (CRD) Cross Chain Conveyors	
Blade		
Length	6 m	
Width	50 mm, 75 mm, 100 mm	
Blade Wheel diameter	800 mm	
Blade wheel material	Crowned Steel	

WB2000 SYSTEM

Fully configurable systems with many different standard or custom material handling options to move material between machine centres or to sorting and stacking.



Wood-Mizer® systems
INDUSTRIAL SAWMILLING SOLUTIONS

OPERATOR STATION

Production depends on the operator, and the controls for the sawmill were designed with the operator in mind. The operators stand is intended to be positioned at the end of the mill with the head sawing towards the operator. The operator seat is located so that the angle of view provides a clear, unobstructed sight line. As the head pulls the cut piece off the mill and the air jets clean off any debris, the sawyer can plainly see the cut surface to make good grade sawing decisions. The sawyer sits in a comfortable rotating chair. The logical, functional layout decreases the time and cost of operator training.



OPERATOR CABIN

Spacious 2 m x 2 m Operator Cabin provides a comfortable working environment and clear visibility for the sawmill operator. For sound isolation, safety, or protection from the elements. Fully customizable to fit your tailored operation. Call our dedicated Industrial Sales team today for details!



PANTOGRAPH SYSTEM

Keeps all cables that run from the sawmill to the operator's station away from sawdust and debris, resulting in troublefree operation.

*Available in the U.S.



FORWARD-THINKING COMPANIES

PSW Parawood factory is a good example of how forward-thinking companies in Thailand can make the most of improving conditions for sawmills in the country. Modern sawmills provide better ROI than traditional machinery with better quality timber, higher timber yields, less technical maintenance, less energy consumption and fewer workers.

TVS
Twin Vertical Saw



SVS
Single Vertical Saw



TVS HD
Heavy-Duty Twin Vertical Saw



SHS
Single Horizontal saw



TV6000
Twin Vertical Saw



TV2000
Twin Vertical Saw



TVS

TWIN VERTICAL SAW

REMOVE TWO SIDES OF LOGS, CANTS AND SLABS

The TVS is designed to remove two sides of a log in one pass. The maximum log diameter that can pass through the TVS is 400 mm, and the maximum cutting width is 250 mm.

The TVS takes two sides off a log, which can then be passed on to the SVS, HR700, MR200 or SHS, and then on through the horizontal resaws to recover as much lumber as possible.

A movable control stand holds all controls for chain feed speed, cut width, laser activation, and optional Setworks. The Setworks stores five different pre-set widths, which enable the operator to change cut sizes quickly depending on log size, reducing the need to sort logs first.

Various feed system configurations make the TVS one of the most flexible solutions for removing two sides of straight logs, curved logs, logs with a flat surface, and slabs from 0 - 25 m per minute.



TVS FEATURES



Setworks
Set several program-mable pre-sets with Setworks.



Twin Cutting Heads
Make two vertical cuts in one pass.



Slab Removal System
Side Disks release slabs onto conveyors below.



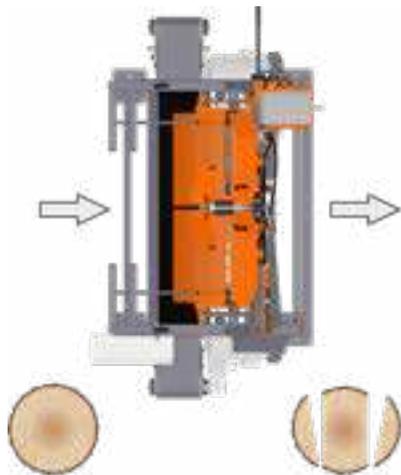
LubeMizer Blade Lubrication
Wood-Mizer's industrial blade lubrication system keeps both sides of the blade clean during cutting.



Hydraulic Blade Tension
Centralised tension system tensions both blades at once.



Dual Laser
Line up logs for maximum recovery with the optional laser.



TVS SPECIFICATIONS

Power	
Standard	2 x 11 kW electric
Optional	2 x 7.5 kW electric
Cutting Capacity	
Min. Log Diameter	150 mm
Max. Log Diameter	400 mm
Log Length	1.2 - 2.4 m (2.4 tables version) 2.4 - 3.6 m (3.6 tables version)
Min. Cut Width	
TVS V Feed	70 mm
TVS Spiky Chain	70 mm
TVS Flat Feed	80 mm
TVS HD	80 mm
Max. Cut Width	250 mm
Sawmill Head Features & Options	
Standard	Setworks Electric head adjustment Twin cutting heads Hydraulic blade tension LubeMizer blade lubrication Manual head adjustment
Optional	Laser sight Set of additional rollers
Sawmill Tables Options	
	V feed in/out feed tables Spiky chain in/out feed tables Flat table in/out feed tables Heavy duty in/out feed tables
Additional Equipment	Log Deck Slab Transfer Deck Log Turner
Blade	
Length	4670 mm
Width	32 - 38 mm
Blade Wheel diameter	600 mm
Blade wheel material	Belted cast steel

TVS WITH V FEED



The V feed system advances logs one at a time through the TVS. Spiked hold-downs guide the log. The lug spacing can be moved to suit the standard log lengths. This is a good option for straight logs with standard lengths.

The TVS takes two sides off a log, which can then be passed on to the SVS or SHS, and then on through the horizontal resaws to recover as much lumber as possible.



TVS WITH SPIKY CHAIN

The spiky chain feed system with heavy, spiked top-rollers adds greater stability to the log as it goes through the TVS. Logs can be loaded onto the feed chain with little or no gap between them.

This option is ideal for increasing productivity with straight and curved logs.

TVS WITH FLAT FEED

For squaring up timber which already has two flat cut surfaces, a flat feed chain is available with heavy, spiked top-rollers. This is commonly used when two TVS units are used in line together.

Another popular use for the TVS is for the slab recovery line. Large slabs can be put through the TVS and then fed down to a resaw.



TVS HD

Twin vertical saw with Inclined loading deck and automated log turner which allows for each log to be rotated to an optimal position and then placed onto the moving spiky chain feed. Pneumatic side press rollers facilitate the automatic removal of sideboards on the outfeed side.

SLP1 SAWING LINE

The SLP (Smart Log Processing) line uses thin-kerf blades on each sawmill unit in the line to deliver better log yield than other processing methods. Because the line is modular, machines in the line can be arranged to suit cutting needs as the market changes.

Wood-Mizer® systems

INDUSTRIAL SAWMILLING SOLUTIONS



SYSTEM EQUIPMENT IN USE:



TVS



SVS



Horizontal Resaw



Edger



Log Deck



Log Incline Deck



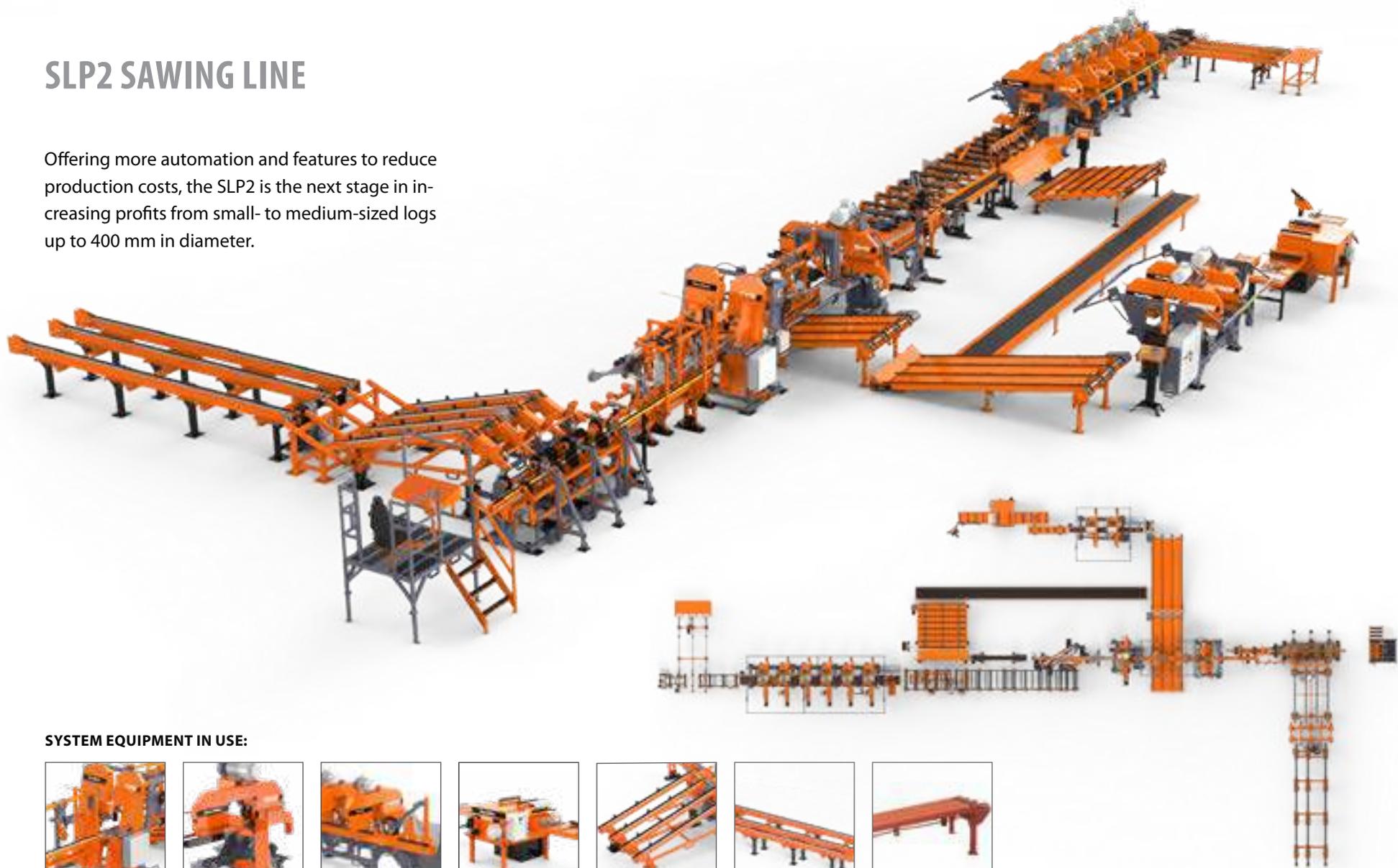
Chain Incline Conveyor



Roller Table

SLP2 SAWING LINE

Offering more automation and features to reduce production costs, the SLP2 is the next stage in increasing profits from small- to medium-sized logs up to 400 mm in diameter.



SYSTEM EQUIPMENT IN USE:



TVS



SHS



Horizontal Resaw



Edger



Turning/Positioning System



Log Deck



Transfer Deck

TVS HD

TWIN VERTICAL SAW

NEW HEAVY DUTY TWIN VERTICAL SAW

The TVS HD uses thin-kerf blades to efficiently remove the two vertical sides of logs up to 450 mm in diameter and 5.2 m in length.

Inclined loading deck and automated log turner are standard features of the machine. The automated log turner allows for each log to be rotated to an optimal position and then placed onto the moving spiky chain feed. The log is guided by pressure rollers giving it maximum stability in the cut. From the elevated stand with an ergonomic control panel, the operator selects the desired cutting size and the machine automatically adjusts to that size without the need to sort logs before sawing.

The TVS HD is cost-effective, versatile, designed for high performance, and built strong for years of reliable service. With an average productivity of 6 logs/minute, the sawmill is ideal for pallet production lines. This sawmill is ideal for pallet production lines.



TVS HD FEATURES



Advanced Control Panel

New ergonomic design of operator panel with Touch Screen and Setworks.



Twin Cutting Heads

Make two vertical cuts in one pass.



Slab Removal System

Side Disks release slabs onto conveyors below.



Automated Log Turner

With hammer pneumatic rollers on the infeed side.



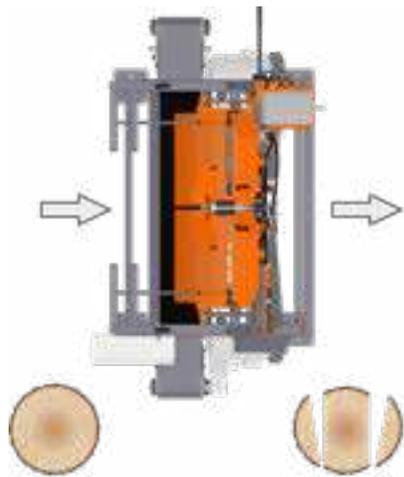
Hydraulic Blade Tension

Centralised tension system tensions both blades at once.



Incline Loading Deck

Singles and transfers logs to the log turner.



TVS HD SPECIFICATIONS

Power

Standard 2 x 18.5 kW electric

Cutting Capacity

Min. Log Diameter 150 mm
 Max. Log Diameter 450 mm
 Log Length 1.2 - 2.4 m (2.4 tables version)
 2.4 - 3.6 m (3.6 tables version)
 custom length up to 5.2 m

Min. Cut Width 80 mm
 Max. Cut Width 250 mm

Production rate 6 logs/min (length dependent)

Sawmill Head Features & Options

Standard Setworks
 Operator stand with control panel
 Automated Log Turner
 Hammer pneumatic rollers on infeed side
 Belt conveyor for sawdust removal
 Slab Removal System
 Electric head adjustment
 Twin cutting heads
 Hydraulic blade tension
 LubeMizer blade lubrication
 Laser sight

Optional Set of additional rollers

Sawmill Bed Features

Chain feed speed 0-20 m/min
 Chain type Sharp Chain
 Hold-down type Heavy hold-down rollers

Blade

Length 4670 mm
 Width 50 mm
 32- 38 mm (optional)
 Blade Wheel diameter 600 mm
 Blade wheel material Belted steel

TV2000

TWIN VERTICAL SAW

INDUSTRIAL TWINBAND VERTICAL SAWMILL

The Wood-Mizer TV2000 is an efficient, robust and easy to use twin vertical saw for small to medium diameter logs up to 3.6 m in length. It is designed to break the log into a two-sided cant.

It is available with or without log turning functionality. The automated log turner allows for each log to be rotated to an optimal position and then placed onto the moving sharp feed chain. The log is guided by pressure feed rollers, giving it maximum stability in the cut. The operator may select the desired cutting size and the machine will automatically adjust to that size, removing the need to sort logs before sawing. Investing in log sorting capability increases log throughput.

The TV2000 is ideal for pallet mill and stud mill operations where the product has relatively small cross-sectional dimensions.



TV2000 FEATURES



Twin Electric Motors
2 x 22 kW electric,
one for each blade.



Twin Cutting Heads
Make two vertical
cuts in one pass.



Side Disc Outfeed
Allows automatic
discharge of jacket
boards and adds
stability to the log.



**Top Hold-Down
Rollers**
To support the cut
cants at the outfeed
and transport it to the
next station.



Log Loading System
To load the logs from the incoming
cross conveyor.

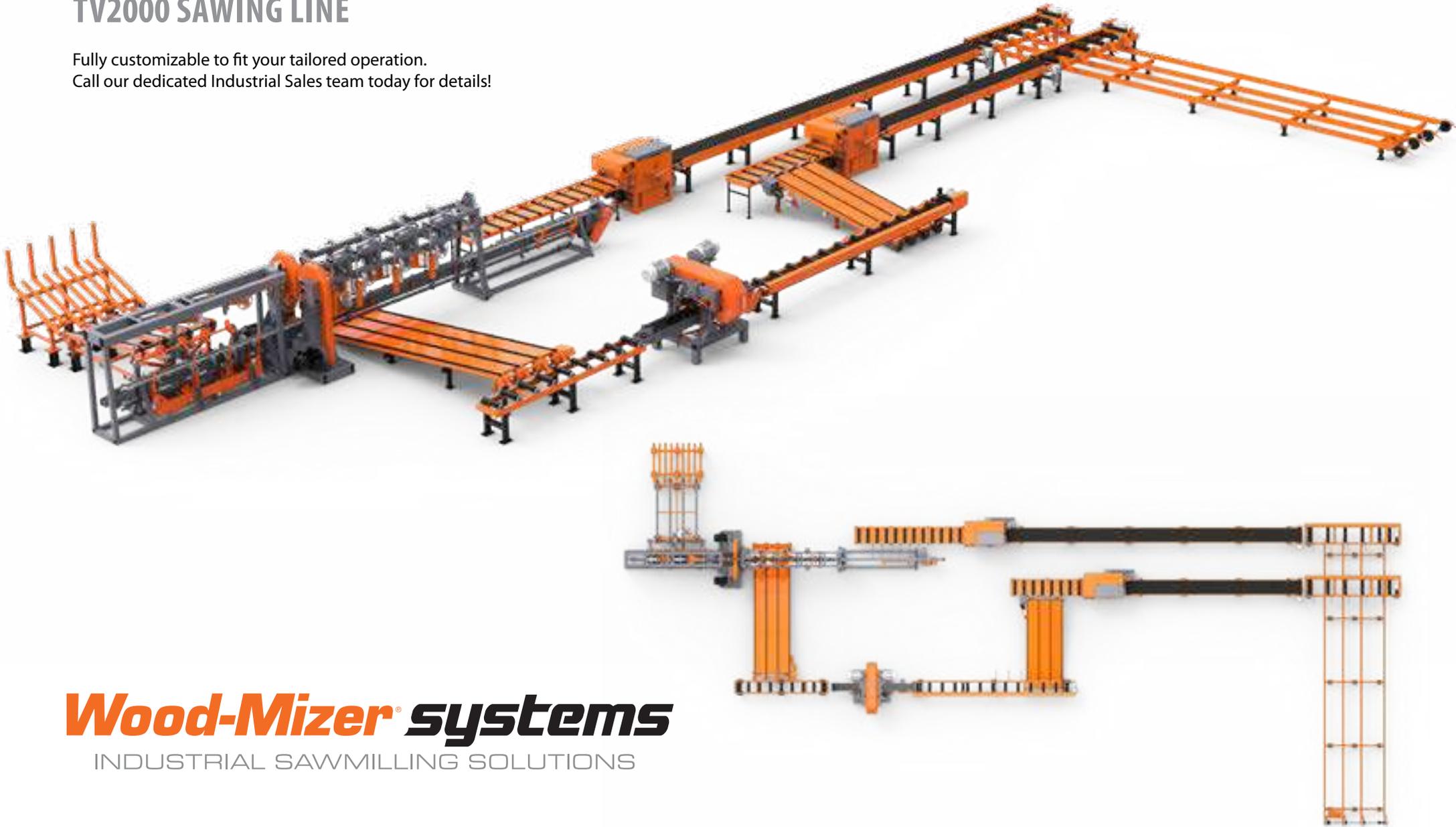


TV2000 SPECIFICATIONS

Power	
Standard	2 x 22 kW electric
Optional	2 x 30 kW electric
Cutting Capacity	
Min. Log Diameter	100 mm
Max. Log Diameter	400 mm
Log Length	1.2 - 2.4 m (2.4 tables version) 2.4 - 3.6 m (3.6 tables version)
Min. Cut Width	80 mm
Max. Cut Width	250 mm
Sawmill Head Features & Options	
Standard	Networks Twin cutting heads Hydraulic blade tension LubeMizer blade lubrication Manual head adjustment
Optional	Laser sight Servo \ Ball screw adjustment Set of additional rollers
Sawmill Options	
	Extended outfeed with pneumatic kicker
Additional Equipment	Log Deck Slab Transfer Deck Log Turner
Sawmill Bed Configuration Options	
Chain feed speed	0-20 m/min
Chain type	Sharp Chain
Hold-down type	Heavy hold-down rollers
Blade	
Length	4670 mm
Width	63 - 75 mm
Blade Wheel diameter	780 mm
Blade wheel material	Belted cast steel
Sawmill Dimensions	
Length	9.42 - 12.52 m
Width	2 m
Height	2.15 m
Dust collection port size	150 mm

TV2000 SAWING LINE

Fully customizable to fit your tailored operation.
Call our dedicated Industrial Sales team today for details!



Wood-Mizer® *systems*
INDUSTRIAL SAWMILLING SOLUTIONS



TV2000 TWINBAND RANGE

Vertical primary breakdown solution - cut logs into two-sided cants.

TV6000

TWIN VERTICAL SAW

PRIMARY BREAKDOWN LARGE TWINBAND

TV6000 is our larger and most robust primary breakdown twin-vertical saw.

The main priority at this primary stage in the log breakdown process is to achieve equal open faces on the sawn cant. This allows for higher recovery down the line at the multiple rip or gang saw. Our Twinband achieve equal open face cutting using a fast and accurate log loading system coupled with pressurised hold-down rollers and a sharp feed chain.



TV6000 FEATURES



Twin electric motors
2 x 45kW electric,
one for each blade.



Twin Cutting Heads
Make two vertical
cuts in one pass.



Side Disc Outfeed
Allows automatic
discharge of jacket
boards and adds
stability to the log.



**Top Hold-Down
Rollers**
To support the cut
cants at the outfeed
and transport it to the
next station.



Log Loading System
To load the logs from the incoming
cross conveyor.



TV6000 SPECIFICATIONS

Power

Standard	2 x 45 kW electric
Optional	up to 75 kW electric per blade

Cutting Capacity

Min. Log Diameter	120 mm
Max. Log Diameter	450 mm
Min. Log Length	1.8 m or 2.4 m respectively
Max. Log Length	3.3 m, 4.5 m or 6.6 m (Feed length dependant)

Sawmill Features & Options

Standard	Electric head adjustment Twin cutting heads Servo / Ball screw adjustment
Optional	Operator Cabin 3d Scanning and Log Optimization System Overhead carriage for multiple pass functionality Additional outfeed hold downs Various sharp chain options

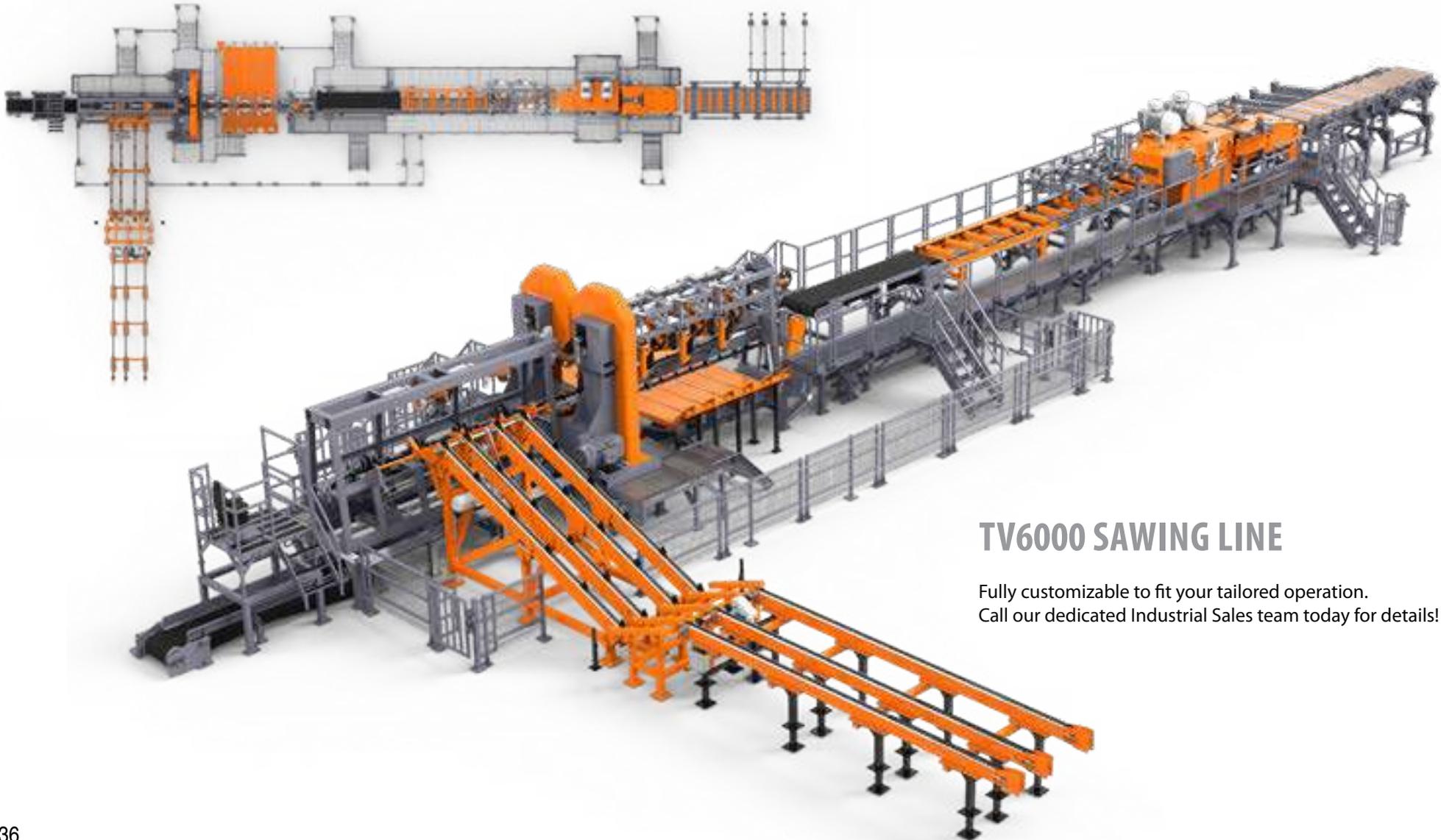
Feed System

Feed Motor	5.5 kW
Feed Type	Sharp Chain
Feed speed	0 - 60m/min (motor & blading dependent) Electronic variable feed speed control

Blade

Width	150 mm
Blade Wheel diameter	1200 mm
Blade Wheel material	Belted cast steel

Wood-Mizer® systems
INDUSTRIAL SAWMILLING SOLUTIONS



TV6000 SAWING LINE

Fully customizable to fit your tailored operation.
Call our dedicated Industrial Sales team today for details!



WOOD-MIZER SAWMILL LINE SIGNIFICANTLY IMPROVES PALLET PRODUCER PRODUCTIVITY

MEBLOHIT is a Polish company that has been producing pallets for many years. It's a very challenging industry in which production efficiency is one of the most important factors leading to success. Mr. Jan Zawada, the owner, over the years has become an expert in increasing production efficiency. Production efficiency has increased spectacularly with a new Wood-Mizer wideband sawmilling line. And his plan for additional improvements is just getting started.

SVS

SINGLE VERTICAL SAW

SINGLE VERTICAL SAW

The SVS Single Vertical Saw simplifies the removal of the third side of a log during processing. Placed in the line behind the TVS, the SVS prepares the cant to move on to the resaw.

A steel spiked chain belt moves material through the blade up to 25 metres per minute.

With the standard laser, the operator can align the cant precisely for maximum recovery before pushing it onto the moving chain feed.

The SVS shares the same head and many individual components as the TVS (Twin Vertical Saw), simplifying blade and spare parts ordering.



SVS FEATURES



11kW Electric Engine
or optional 7.5 kW electric engine



Two Roller Hold-downs
Wide hold-down rollers keep the cant stable during cutting.



Laser sight
Align cants for maximum recovery with the standard laser.



Variable Feed Belt Speed
The spiked steel feed belt carries the cant through the saw at up to 25 m/min.



Optional Tables
Infeed and outfeed roller tables available.



Designed for Standardisation
Uses the same blade size and many of the same parts as the other machines in the SLP line, facilitating ordering spare parts.



SVS SPECIFICATIONS

Power	
Standard	2 x 11 kW electric
Optional	2 x 7.5 kW electric
Cutting Capacity	
Min. Log Diameter	100 mm
Max. Log Diameter	400 mm
Log Length	1.2 - 2.4 m (2.4 tables version) 2.4 - 3.6 m (3.6 tables version)
Min. Cut Width	80 mm
Max. Cut Width	250 mm
Sawmill Head Features & Options	
Standard	Networks Electric head adjustment Twin cutting heads Hydraulic blade tension LubeMizer blade lubrication Manual head adjustment
Optional	Laser sight Set of additional rollers
Sawmill Tables Options	
	Flat in/out feed tables
Sawmill Bed Configuration Options	
Chain feed speed	0-20 m/min
Chain type	Flat chain feed
Hold-down type	Heavy hold-down rollers
Blade	
Length	4670 mm
Width	32-38 mm
Blade Wheel diameter	600 mm
Blade wheel material	Belted cast steel
Sawmill Dimensions	
Length	9.42 - 12.52 m
Width	2 m
Height	2.15 m
Dust collection port size	150 mm

SHS

SINGLE HORIZONTAL SAW

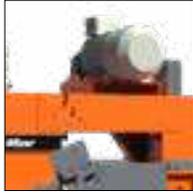
SINGLE HORIZONTAL SAW

This quality, single-head resaw was designed to run all day for years with minimal maintenance. The compact size and simple operation will fit seamlessly into high production log processing lines.

When placed in line following the TVS, the Single Horizontal Saw removes the third slab from the bottom of the log. The slab is removed automatically, and the three-sided cant continues on to a multi-head resaw. No cant turning occurs, which reduces labour requirements.



SHS FEATURES



Electric Engine
11kW Motor.
15 kW and 18.5 kW electric motors are available as options.



Setworks
Quickly and precisely positions the blades for the correct board size.



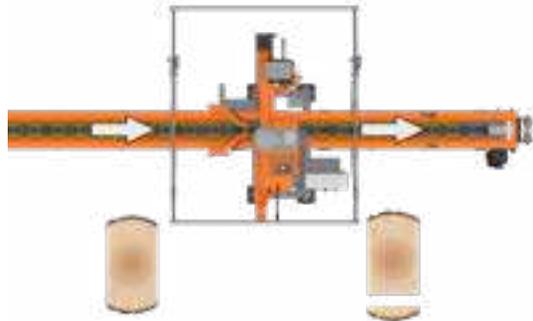
Infeed Options
Various infeed options available.



LubeMizer Blade Lubrication
Wood-Mizer's industrial blade lubrication system keeps both sides of the blade clean during cutting.



Spiky Infeed Chain
The wide spiky infeed chain moves two-sided cants through the sawmill, removing the bottom slab.



SHS SPECIFICATIONS

Power	
Standard	11 kW electric
Options	15 kW electric 18.5 kW electric
Blade	
Length	4670 mm
Width	32-38 mm
Blade Wheel Diameter	600 mm
Blade Wheel Material	Belted cast steel
Cutting Capacity	
Min. Cant Width	100 mm
Max. Cant Width	450 mm
Min. Cant Height	10 mm
Max. Cant Height	400 mm
Min. Cant Length	1200 mm
Max. Cant Length	3600 mm
Min. Cut Height	10 mm
Max. Cut Height	400 mm
Resaw Features & Options	
Standard	Powered spiky infeed chain 1 Cutting head available Manual head up/down
Optional	In/out feed tables Electric head up/down
Feed Speed	0-20 m/min
Resaw Bed Features & Options	
	Log Turner
Sawmill Dimensions	
Length	12.25 m
Width	2.9 m
Height	2.15 m
Dust Collection Port Size	150 mm



PEOPLE. PROCESSES. PROFITABILITY.

Pallet Maker Group Co., Ltd is a modern pallet factory in Asia that replaced two vertical bandsaws with one Wood-Mizer resaw and doubled their sawing productivity.

HR500
Horizontal Resaw



HR700
Horizontal Resaw



HR6000
Twin-Head Resaw



HR2000
Hybrid Resaw



HR500

HORIZONTAL RESAW

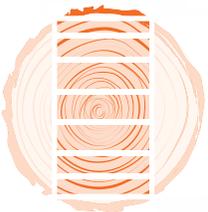
MODULAR, MULTI-HEAD HORIZONTAL RESAW

Ideal for companies that need an affordable multi-head resaw, the HR500 can grow with your business.

From one to six heads, the HR500's modular design allows you to add more saw heads later, and produce up to six boards and one slab in one pass. For short cants less than 1.2m long or material with internal tension, a steel double roller option is available.

A separate control stand holds all controls for the resaw. Blade lubrication and hydraulic blade tension are centrally located to increase productivity and ease of access. Standard, the resaw heads are adjusted with a manual screw. Setworks with electric up/down can be added optionally to boost productivity. The saw heads tilt from 0°-8° to produce tapered siding products. These features allow the HR500 to produce not only pallet boards – its most popular use – but also siding, flooring, fencing, and more. For returning unfinished cants back through the resaw, roller tables are available for a manual cant return system.

The modular design makes transportation easier and less costly, as well as giving businesses the option to scale up their resaw capability.



HR500 FEATURES



Optional automatic up/down

Increase operator productivity with the optional electronic networks and electric up/down.



Modular Configuration

Start with the 2-head base and extend with one or two additional modules anytime in the future.



Head Tilt 0°-8°

Produce varied angled final products easily with the tilting heads.



Steel Conveyor Belt

More durable than rubber belts for long term use.



Centralised Blade Tension and Lubrication

Each module has centralised blade tension and lubrication for both heads.



Double Roller Option

The additional rollers provides the stability to handle cants less than 1.2 m long.



HR500 SPECIFICATIONS

Power	
Standard	11 kW electric / per head
Options	7.5 kW electric / per head
Cutting Capacity	
Min. Cant Width	75 mm
Max. Cant Width	280 mm 190 mm (only in EU)
Max. Cant Height	400 mm 200 mm (only in EU)
Min. Material Length	1200 mm (900 mm with additional hold-down rollers)
Max. Material Length	3.6 m (more tables required for longer lengths)
Min. Cutting Height	4 mm
Max. Cutting Height	200 mm 180 mm (with electric up/down)
Resaw Features & Options	
Standard	11 kW electric motor per head Steel track conveyor (19 cm wide) Hold-down rollers Control stand Centralised blade lubrication (per 2 head module) Centralised blade tension (per 2 head module) Adjustable blade guide arm Adjustable guide fence Manual screw up/down
Optional	Additional Top Rollers Multi-Setworks with electric up/down Steel double rollers Cross roller table Idle roller table Merry-go-round System
Belt Speed	0-20 m/min.
Blade	
Length	4010 mm
Width	32-38 mm, 50 mm (optional)
Blade Wheel Diameter	600 mm
Resaw Requirements	
Normal power usage	400 V; 50 Hz; 3 Ph
1 head, 2 heads	25 Amp, 45 Amp (11 kW motor)
3 heads, 4 heads	70 Amp, 90 Amp (11 kW motor)
5 heads, 6 heads	120Amp, 140 Amp (11 kW motor)

HR700

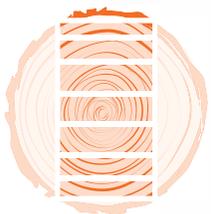
HORIZONTAL RESAW

INDUSTRIAL-RANGE, MODULAR, MULTI-HEAD HORIZONTAL RESAW

Ideal for companies that need a large capacity, heavy-duty multi-head resaw, the HR700's modular design makes it easy to expand from one to a maximum of six heads as their demands change. In its maximum six head configuration, the HR700 converts large cants into six boards and one slab in a single pass.

A separate control stand holds all controls for the resaw. Centralized blade tensioning for each two-head base makes the blade change process more efficient.

The twin-track steel belt conveyor provides a solid and durable surface that fully supports the entire cant width. Heavy, powered rollers stabilize and feed the cants through the heads during sawing. This makes it easier to process short cants or material with internal tension.



HR700 FEATURES



Optional Networks
Increase operator productivity with the optional electronic networks and electric up/down.



Modular Configuration
Start with the 2-head base and extend with one or two additional modules anytime in the future.



Large Cant Capacity
Larger motors and 400 mm x 400 mm cant capacity.



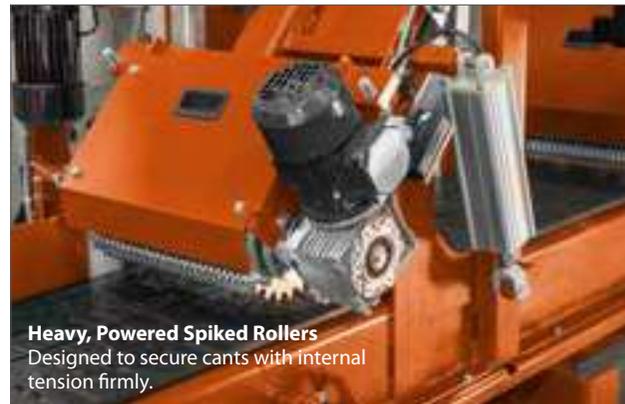
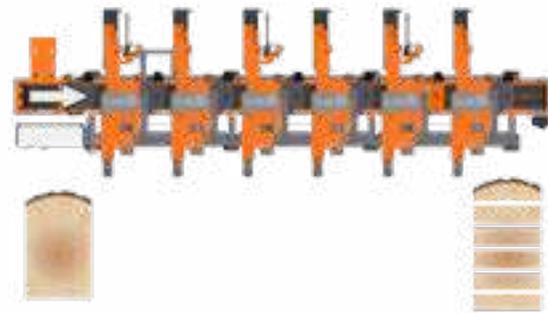
Twin-track Steel Conveyor Belt
Supports the full cant width.



Centralised Blade Tension and Lubrication
Each module has centralised blade tension and lubrication for both heads.



Optional Rollers
For shorter cants less than 1.2 m long. Max. cut height changes to 254 mm.



Heavy, Powered Spiked Rollers
Designed to secure cants with internal tension firmly.



HR700 two-head module shown with Merry-Go-Round system

HR700 SPECIFICATIONS

Power

Standard	15 kW electric / per head
Options	11 kW electric / per head 18.5 kW electric / per head

Cutting Capacity

Max. Cant Height	400 mm 200 mm (with optional rollers)
Min. Material Length	1100 mm
Max. Material Length	3.6 m (for longer material additional tables required)
Min. Cutting Height	4 mm
Max. Cutting Height	400 mm 200 mm (only in EU)
Min. Cutting Width	75 mm
Max. Cutting Width	400 mm

Resaw Features & Options

Standard	Spike Hold-down Rollers Steel Belt Conveyor Centralised Hydraulic Blade Tensioner for each 2 heads Two-Head Module
Optional	MultiSetwork with electric up/down
Belt speed	0-20 m/min

Blade

Length	4670 mm
Width	32-38 mm 50 mm (optional)
Blade Wheel Diameter	600 mm

Resaw Requirements

Normal power usage	400 V; 50 Hz; 3 Ph
1 head	40 Amp (15 kW motor)
2 heads	75 Amp (15 kW motor)
3 heads	105 Amp (15 kW motor)
4 heads	140 Amp (15 kW motor)
5 heads	170 Amp (15 kW motor)
6 heads	200 Amp (15 kW motor)

HR2000

HORIZONTAL RESAW

AFFORDABLE, ACCURATE, HIGH-SPEED RESAW

The HR2000 Horizontal Resaws pack a punch when it comes to performance for such a small package. When fitted with 3-inch resaw blades, these machines are more than capable of feed speeds in excess of 130ft/min (40 m/min) without wavering in the cut.

Its high performance is the result of many years of design refinement. They utilize a high strain column design offering accurate, high speed cutting at an affordable price.

These machines are highly versatile. They can be fitted with narrowband blades or 3-inch performance blades. It can be used to process sideboards and square cants alike. With their solid frames, these machines can be moved quickly and integrated into existing operations with ease.

Their flexibility, low power consumption, high performance and high quality makes them our most popular resaws on the market.



HR2000 in twin head configuration



HR2000 FEATURES



High Power
22 kW standard electric engine per head.



Infeed Hold Down Roller
Heavy duty driven roller on infeed.



Outfeed Hold Down Roller
Heavy duty driven roller on outfeed.



Slatt-chain Feed
Heavy duty slatt-chain feed with variable speed.



Modular Configuration
Single, twin, multi-head configurations.



Heavy duty headrig column
For high strain, high speed sawmilling.



HR2000 SPECIFICATIONS

Power

Main Head Motor 22 kW electric / per head

Cutting Capacity

Min. Cant Height 15 mm
Max. Cant Height 290 mm (with optional rollers)
Board Thickness 290 mm
Throat Width 350 mm
600 mm (optional - wide version)

Resaw Features & Options

Configuration Options Single / Twin / Multi - head
Wide version
Feed type Heavy duty slatt-chain with driven
pneumatic hold down
Feed Speed 0 - 40 m/min (motor and blading
dependant)
Electronic variable feed speed control
Feed Motor 1.1 kW
Saw tensioning Hydraulic with spring

Blade

Length 5300 mm
Width 50-78 mm
Blade Wheel Diameter 780 mm



HR2000 with dual feed

HR6000

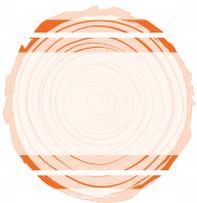
HORIZONTAL RESAW

A CLASS PERFORMER THAT BOOSTS OUTPUT FURTHER

The HR6000 Horizontal Resaw offers ultra-fast size changes during the resawing process. As little as 0.6 seconds is needed to change the size for each and every sideboard (depending on thickness), even when feeding at over 20 pieces per minute (depending on board length). As a result optimal recovery is achieved, unlocking extra product that previously would have gone to waste.

Importantly, no sorting of material is needed prior to this machine. With its 150 mm blades, heavy duty feed systems, the HR6000 is capable of faster feed speeds, thereby offering higher production capacity.

By using a Twin Head configuration, it is possible to make two cuts into each sideboard with only one pass.



HR6000 FEATURES



High Power
22 kW standard electric engine per head.



Infeed and Outfeed Powered Hold Down Rollers
For fast, accurate material feed.



Band Wheels
SG42 Cast Iron Bandsaw Wheels.



Slat-chain Feed
Heavy duty slat-chain feed with variable speed.



Modular Configuration
Single, twin, multi-head configurations.



Servo Sizing
High speed accuracy servo/ball-screw actuated sizing.



HR6000 SPECIFICATIONS

Power

Main Head Motor	45 kW electric / per head 55 kW electric / per head
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Cutting Capacity

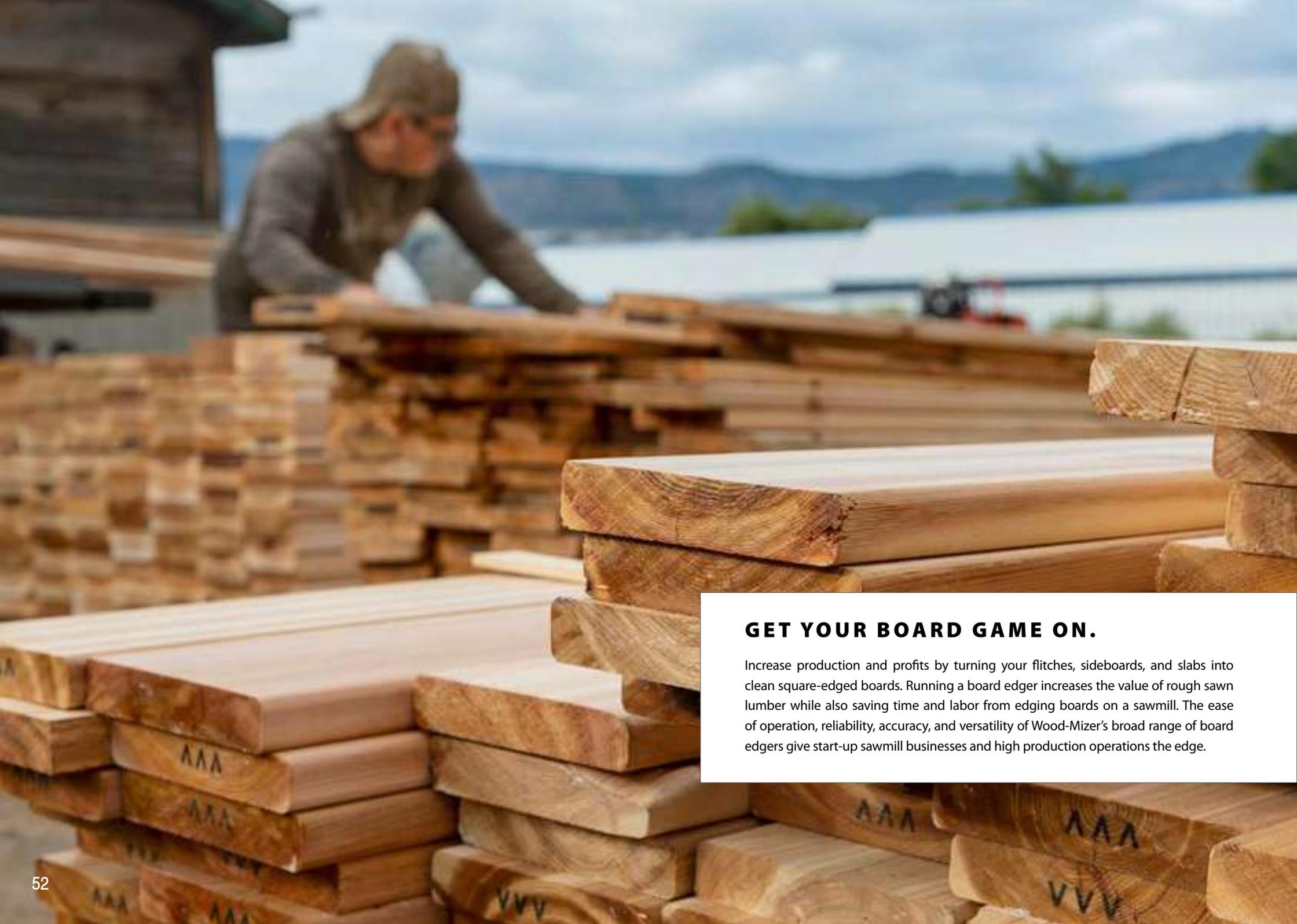
Min. Cant Height	15 mm
Max. Cant Height	330 mm (with Optional Rollers)
Board Thickness	330 mm
Throat Width	450 mm

Resaw Features & Options

Configuration Options	Single / Twin / Multi - head
Feed type	Heavy duty slat-chain with driven pneumatic hold down
Feed Speed	0 - 40 m/min (motor and blading dependant) Electronic variable feed speed control
Feed Motor	3 kW
Saw tensioning	Hydraulic with pneumatic bellow

Blade

Length	5300 mm
Width	150 mm
Blade Wheel Diameter	1200 mm
Blade Kerf	2.5 mm



GET YOUR BOARD GAME ON.

Increase production and profits by turning your flitches, sideboards, and slabs into clean square-edged boards. Running a board edge increases the value of rough sawn lumber while also saving time and labor from edging boards on a sawmill. The ease of operation, reliability, accuracy, and versatility of Wood-Mizer's broad range of board edgers give start-up sawmill businesses and high production operations the edge.

EG300

Edger



EG350

Edger



EG800

Edger



EA1000

Automated Edger



EA3000

Automated Edger



MR3000

Industrial Multirip
Board Edger



MR200

Double Arbor Multirip



MR6000

Industrial Multirip
Board Edger



EG300

EDGER

A VERSATILE INDUSTRIAL-LEVEL EDGER

The EG300 combines the functions of both an edger and a multirip into one machine. The EG300 maximises recovery from each board and increases overall productivity of your sawmill by 20-30%.

As standard, the EG300 is supplied with two circular sawblades for use as an edger. One blade is fixed and the other is adjustable from the operator control console - using the electronic Setworks system to accurately pre-set the required width of the board. Optional lasers can be installed to assist the operator in determining the precise width for maximum recovery.

The EG300 comprises three main components - the main saw unit, the infeed table and the outfeed table. This modular construction ensures easier transportation, handling and installation. Two top rollers make it easy to move a board back to the front of the edger for a return pass. An adjustable fence allows the operator to quickly position boards with an already straight edge.

An optional tailer outfeed keeps the edged boards moving through the line, while enabling easy waste removal. Optional electronic networks are available.



EG300 FEATURES



Standard Setworks
Rugged electronics quickly position the adjustable blade to precise measurements.



Powered Rollers
Full width steel rollers grip wet boards firmly without damaging the surface.



Adjustable Fence
Allows you to quickly position boards that already have one straight edge.



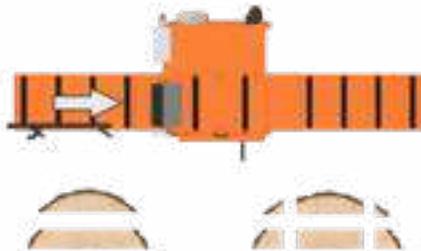
Two Circular Blades
One fixed and the other fully adjustable.



Laser Kit
Optional lasers allow ideal positioning of the material for maximum recovery and time savings.



Multi-rip Blade Kit
Add three additional blades for full function multi-rip capability.



Top rollers
Make it easy to return boards that require a second pass.



EG300 SPECIFICATIONS

Power

Standard	15 kW electric
Optional	18.5 kW electric

Cutting Capacity

Max. Feed width	550 mm
Max. Cutting width	410 mm
Min. Cutting width (edging)	60 mm
Min. Cutting width (mutirip)	20 mm
Max. Cutting thickness	60 mm
Min. Cutting thickness	10 mm
Min. Board Length	700 mm

Edger Features & Options

Standard	2 circular blades - Edger Adjustable speed Setworks Infeed and Outfeed tables
Optional	5 circular blades - Multirip Set of 2 lasers Cant outfeed tailer Sawdust collection box

Feed System

No. of Powered rollers	4
Feed speed	0-20 m/min

Blade

Diameter	350 mm
Kerf	4 mm
No. blades	2 standard, max 5
Blade thickness	3.2 mm

Edger Requirements

Normal power usage	400 V 50 Hz 3Ph: 70 Amp
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EG350

EDGER

LARGE CAPACITY TWIN-BLADE EDGER

The EG350 is a heavy-duty edger that can successfully produce edged boards from larger timbers up to 100 mm thick and maximise the productivity of your sawmill.

Powered in-feed and out-feed belts move boards through the edger. The moveable control console includes a variable feed knob to adjust the feed rate from 0 up to 20 m per minute, depending on the size of the boards being edged.

The EG350 is supplied with two circular sawblades that move in and out from the centre. Each 450 mm cutting blade is powered individually by an 8 kW electric motor – providing lots of power for quickly processing thick hardwood slabs into finished boards.

An optional tailer outfeed keeps the edged boards moving through the line, while enabling easy waste removal. Optional electronic networks are available.



EG350 FEATURES



Twin electric motors
2 x 8kW electric, one for each blade.



Setworks
Quickly and precisely positions the blades for the correct board size.



2 Circular Blades
Two 450mm blades move in and out from the centre of the machine.



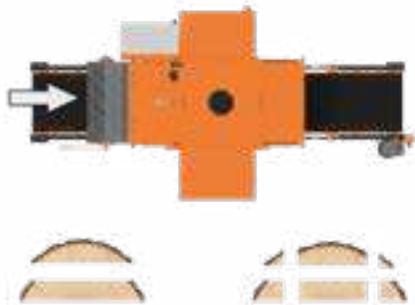
Powered feed belts
Two steel top rollers and in-feed and out-feed belts move boards through the edger.



Laser
Assist the operator in accurately positioning the material for maximum recovery.



Sawdust removal
Upper and lower sawdust outlets allow for comprehensive sawdust extraction.



EG350 SPECIFICATIONS

Power	
Standard	2 x 8 kW electric motor for each blade
Cutting Capacity	
Max. Feed width	500 mm
Max. Cutting width	400 mm
Min. Cutting width	60 mm
Max. Cutting thickness	100 mm
Min. Cutting thickness	15 mm
Min. Board Length	1100 mm
Edger Features & Options	
Standard	2 circular blades Adjustable speed Set of 2 lasers Setworks Infeed and Outfeed Tables
Feed System	
No. of Powered rollers	2
Feed speed	0-20 m/min
Blade	
Diameter	400 mm
Kerf	4 mm
No. blades	2
Blade thickness	4 mm
Edger Requirements	
Normal power usage	400 V 50 Hz 3Ph: 70 Amp

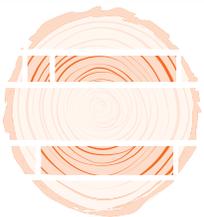
EG800

EDGER

INDUSTRIAL MANUAL BOARD EDGER

The EG800 Manual Board Edger is designed to offer a twofold solution to small and medium-sized sawmills. This robust machine edges material up to 40 mm thick at high speeds, making it the ideal companion to the Industrial Resaws. It can also be run at slower feed speeds to rip material up to 110 mm thick, making it an affordable alternative to a Gangsaw. Consequently, this Industrial product is a truly versatile machine.

This machine's primary function is to edge boards received from a resaw or a QVS (quad vertical saw). The wide arbour can be packed with multiple blades. By aligning the incoming board accordingly, it is possible to achieve a multitude of product sizes, simply and affordably. Whichever its intended use, this versatile machine is incredibly robust and easy to maintain. An affordable, hardworking solution for any mill!



EG800 FEATURES



Optional Setworks
Rugged electronics quickly position the adjustable blade to precise measurements.



Hold-down Modular Rollers
Driven, large diameter and high traction.



Heavy-duty Frame and feedworks for industrial use.



Spacer Sets for multiple width combinations.



Laser Kit
Optional lasers allow ideal positioning of the material for maximum recovery and time savings.



Multi-rip Functionality
The wide arbor can be packed with multiple blades to achieve a multitude of product sizes.



EG800 SPECIFICATIONS

Power	
Standard	30 kW electric
Optional	37 kW electric 45 kW electric 55 kW electric
Cutting Capacity	
Max. Feed width	640 mm
Max. Cutting width	711 mm
Min. Cutting width	76 mm
Max. Cutting thickness	110 mm (with 400 mm blade)
Min. Cutting thickness	12 mm
Min. Board Length	1000 mm
Edger Features & Options	
Standard	4 circular blades - Edger Electronic variable feed speed control Infeed and Outfeed tables
Optional	Lasers for board alignment (set of 4 lasers) Extra infeed and outfeed manual roller tables - 1.6 m long each Sawdust belt conveyor Adjustable blade with Setworks
Feed System	
No. of Powered rollers	4
Feed speed	0-50 m/min 0-130 m/min (in automated processing line)
Feed motor	2 kW
Blade	
Diameter	375 mm 400 mm
Kerf	3 - 5 mm
No. blades	4 standard

EA 1000

EDGER

SIMPLE, ROBUST AND AUTOMATED SOLUTION TO YOUR EDGING NEEDS

The EA1000 Automated Edger uses optical scanning technology to achieve high precision and low waste edging of boards.

The entire edging process is automated. First, each board is scanned. The profile of each board is then analysed by a computer, which decides on the best product to maximize recovery. Decisions are based on both volume recovery and product value. After scanning, the boards pass through an alignment station and then are sawn.

The EA1000 is capable of handling up to 20 boards per minute. It is the ideal machine to edge boards. Electric servo sizing system achieves any width of cut without complication.

Parallel PLC / computer control systems allow the machine to be switched over to manual mode with a single button. Online support allows our technicians to dial into your machine to troubleshoot it remotely.



EA1000 FEATURES



The Automation Parallel PLC Computer Control System



Twin electric motors
2 x 30kW electric main saw motors.



Waste Tailer
Outfeed automatically separates waste from finished material.



Sawing Unit
Heavy duty headrig with externally mounted drive components.



Optimization
PC vision based optimization system calculates the best cut size for each board.



EA1000 SPECIFICATIONS

Power	
Standard	2 x 22 kW electric
Cutting Capacity	
Max. Material width	600 mm
Max. Cutting width	550 mm
Min. Cutting width	40 mm
Max. Cutting thickness	100 mm
Min. Cutting thickness	19 mm
Edger Features & Options	
Standard	Electric Servo Sizing System Automated Board Alignment Stationary Control Station Computer Controlled Lineal Scanner System Driven Pneumatic Hold Downs
Optional	In-Line or Transverse Board Scanning
Feed System	
Feed speed	80 - 140 m/min
Feed motor	10 kW
Production rate	Up to 20 boards/min
Blade System	
Diameter	450 mm
Kerf	5 mm
No. blades	2 centered blades
Blade Adjustment	Electric Servo

EA3000

EDGER

IMPROVE EFFICIENCY WITH 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.



EA3000 FEATURES



The Automation Parallel PLC computer control system



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



Board Clamps Rollers
Clamps and alignment arms center the board and simultaneously top hold down rollers engage.



Waste Tailer
Outfeed automatically separates waste from finished material.



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



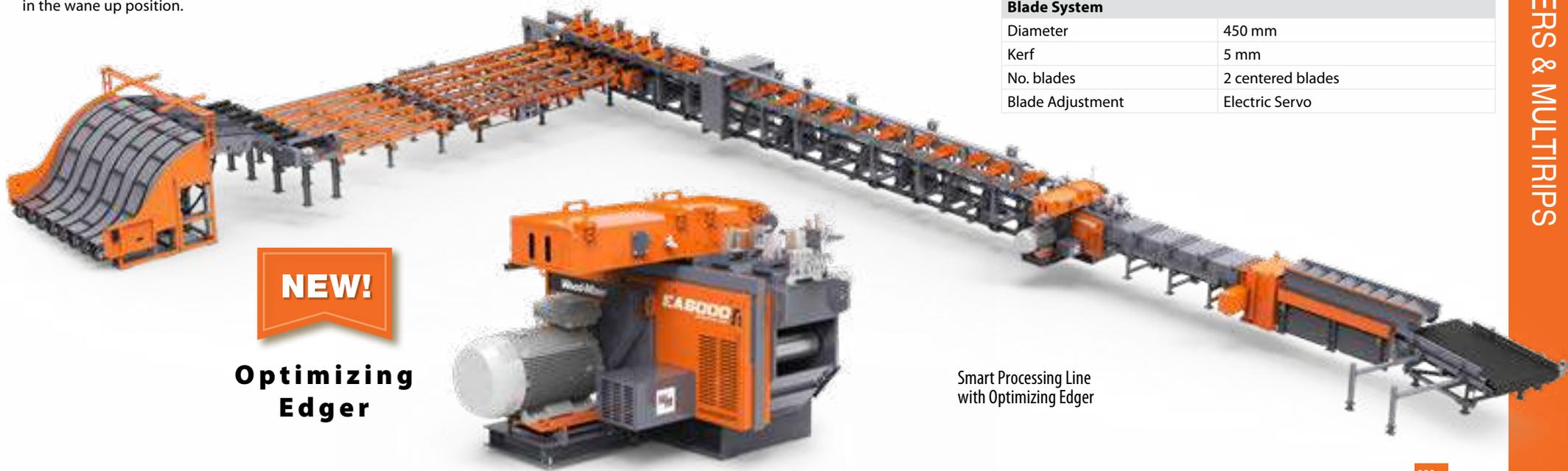
Automatic multi-camera vision Scanning System
To assess maximum recovery from available board shapes, plus color, grade & defect evaluation.



Cross transfer with hook-stops
Hook-stops straighten boards and an operator flips boards in the wane up position.

EA3000 SPECIFICATIONS

Power	
Standard	2 x 30 kW electric
Optional	2 x 45 kW electric
Cutting Capacity	
Max. Material width	600 mm
Max. Cutting width	550 mm
Min. Cutting width	40 mm
Max. Cutting thickness	100 mm
Min. Cutting thickness	19 mm
Edger Features & Options	
Standard	Electric Servo Sizing System Automated Board Alignment Stationary Control Station Computer Controlled Optical Material Scanner System Driven Pneumatic Hold Downs
Optional	Transverse Board Scanning
Feed System	
Feed speed	150-250 m/min
Feed motor	11 kw
Production rate	up to 16 boards/min
Blade System	
Diameter	450 mm
Kerf	5 mm
No. blades	2 centered blades
Blade Adjustment	Electric Servo

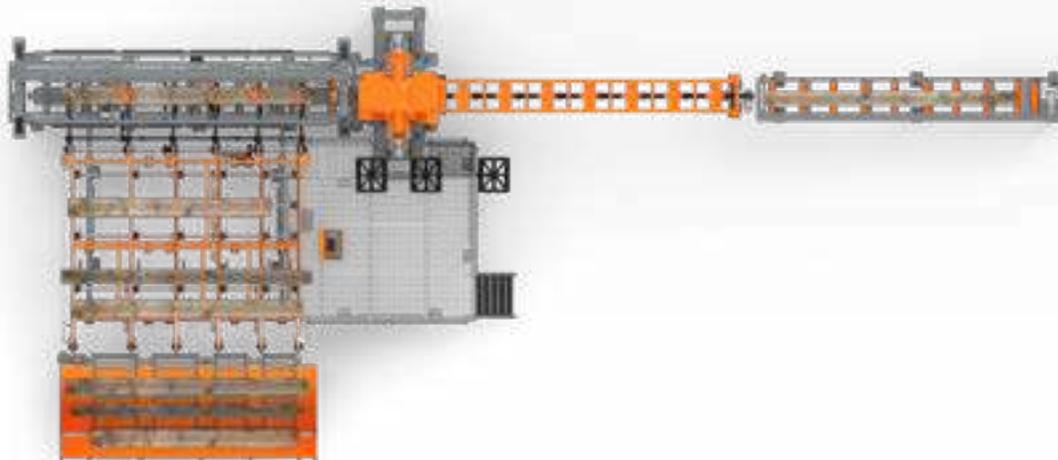


NEW!

Optimizing Edger

Smart Processing Line with Optimizing Edger

Wood-Mizer® systems
INDUSTRIAL SAWMILLING SOLUTIONS



EA3000 VISION OPTIMIZED EDGER SYSTEM

Features:

- Optical scanning on the run.
- Easy to use windows interface.
- Mechanised material handling for fast, accurate board alignment.
- Online support and troubleshooting available.



THE WORLD'S MOST COST-EFFECTIVE VISION OPTIMIZED EDGER SYSTEM FOR HARDWOOD AND SOFTWOOD MILLS!

The Wood-Mizer EA3000 Vision Optimized Edger System 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.

MR200

MULTIRIP

HIGH PERFORMANCE DOUBLE ARBOR MULTIRIP

The MR200 Multirip 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 Multirip a profitable investment in large production plants.

This Multirip can be equipped with 12 circular saws on each arbor, significantly speeding up the cant-cutting operation. The maximum width of the cut is 540 mm (21.2"). Considering its technical parameters, the machine is extremely compact.

The feed speed is adjustable from 1.5 to 15 m/min.



MR200 FEATURES



Centralized Control Panel

Has two separate sets of controls for managing each arbor individually.



Laser Line and Infeed Assist Roller

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



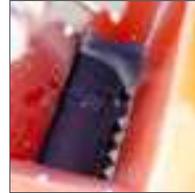
Modular Infeed and Outfeed Tables

Provide an unlimited cant length capacity with additional tables (2 m).



Driven Press Rolls

On both the infeed and outfeed are located close to the saw blades for sawing cants as short as 70 cm.



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.



Optional Sawdust Extractor



Two Adjustable Arbors

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



MR200 SPECIFICATIONS

Power	
Standard	2 x 30 kW electric 2 x 15 kW electric 2 x 18.5 kW electric 2 x 22 kW electric
Cutting Capacity	
Max. Material width	540 mm
Min. Cutting width	40 mm
Max. Cutting thickness	200 mm
Min. Cutting thickness	25 mm
Multirip Features & Options	
Standard	Infeed Table 2 m Outfeed Table 2 m Chipper Automatic Feed Speed Controller Laser
Optional	Sawdust Extractor Infeed and Outfeed Tables Spacers Set
Feed System	
Feed speed	1.5 - 15 m/min
Feed motor	1.5 kW
Blade System	
Diameter	200 - 315 mm
No. blades	Max. 12 per arbor (depends on material thickness and feed speed)
Blade Adjustment	Manual

MR3000

MULTIRIP

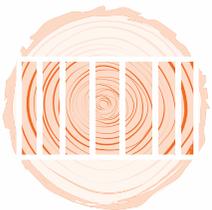
INDUSTRIAL MULTIRIP

The MR3000 Multirip is ideal workhorse machine, producing the majority of finished product in most of our sawmills. The simplicity of its design, coupled with solid construction and plenty of power, produce high throughput and top quality results.

The MR3000 Multirip is capable of making multiple high tolerance cuts in a single pass. Proper alignment of the cant going into the Multirip produces excellent throughput and recovery.

Sensors detect the presence of material, activating pneumatically assisted driven hold-downs to apply pressure down onto the cant, and guiding the timber accurately through the cut.

The high accuracy on board thickness along with the excellent cutting finish achieved by these circular saws result in improved recovery savings further down the line in the dry-milling/ finishing process.



MR3000 FEATURES



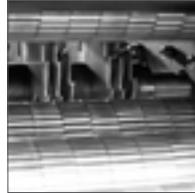
Centralized Control Panel Has two separate sets of controls for managing each arbor individually.



Twin electric motors 2 x 45 kW electric.



Anti-Kickback Safety System



Top and Bottom Driven Rollers



Double Arbor System
Double arbor system allows for smaller diameter saws and less power for deep cuts.



Driven roller tables
Optional roller tables on infeed and outfeed.



MR3000 SPECIFICATIONS

Power	
Standard	2 x 45 kW electric (double arbor)
Optional	up to 2 x 90 kW electric
Cutting Capacity	
Max. Material width	580 mm (Standard) 680 mm (Optional)
Min. Material width	80 mm
Max. Cutting width	680 mm (Wide version)
Min. Cutting width	
Max. Cutting thickness	160 mm
Min. Cutting thickness	80 mm
Multirip Features & Options	
Standard	2 Top Driven Rollers 6 Bottom Driven Rollers Pneumatic controlled hold downs Encoder controlled timing of hold downs PLC Controlled Anti Kick-Back fingers
Optional	680 mm Wide Throat for extra wide cutting Motor power upgrade Driven roller tables on infeed and outfeed
Feed System	
Feed speed	0 - 40 m/min
Feed motor	3 kw
Feed system	Variable Speed Power Feed
Blade System	
Diameter	320 mm
Blade Kerf	5 mm
No. blades	Max. 12 per arbor (depends on material thickness and feed speed)
Blade Adjustment	Manual Arbor sleeves for quick changeout of saws

MR6000

MULTIRIP

HIGH ACCURACY SAWING AND EXCELLENT SAW FINISH

The MR6000 is Wood-Mizer's flagship multirip. Built for the most demanding industrial applications, it offers various feed options linked to the latest scanning and optimizing systems to provide for industry-leading yield results.

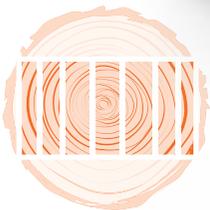


The MR6000 is Wood-Mizer's largest capacity multirip saw with the standard machine capable of processing material up to 914 mm wide and up to 254 mm thick. Featuring dual arbors, the MR6000 can be equipped with a configurable number of circular saw blades for processing material. Additional configurations for material width, thickness, and power are available based on the number of saw lines and processing needs.

Heavy-duty knurled feed rollers provide consistent and accurate feeding of material through the machine. Vertical press rollers on linear bearing guides are located as close to the saw blades as possible to process material as short as 1016 mm which is a common length for pallet mills.

The MR6000 features heavy-duty construction with 25 mm thick steel framework that is stress-relieved and fully machined to ensure optimum accuracy and alignment. In addition, the machine has been designed with maintenance personnel in mind by removing belt covers in favor of an easily accessible safety fence surrounding the working parts of the machine for instant access to all drive belts and pulleys.

The MR6000 provides lumber and pallet mills a large capacity and high-production industrial gang for increased productivity and efficiency.



MR6000 FEATURES



Powerful Dual Motors
2 x 150 kW standard electric engine.



Maintenance friendly design with safety frame



Top and Bottom Driven Rollers



Pneumatically controlled hold downs



Double Arbor System
Dual arbors with configurable circular saw blades.



Blade Change Hoist



Driven Roller Tables
Optional tables on infeed and outfeed.



Easy to Change Circular Blades
Number of blades per arbor depends on material thickness and feed speed.



MR6000 SPECIFICATIONS

Power	
Standard	2 x 150 kW electric (double arbor)
Cutting Capacity	
Max. Material width	914 mm
Min. Material width	80 mm
Min. Material length	1016 mm
Max. Cutting thickness	240 mm
Min. Cutting thickness	25 mm
Multirip Features & Options	
Standard	4 Top Driven Rollers 4 Bottom Driven Rollers Pneumatic controlled hold downs Encoder controlled timing of hold downs Automatic height adjustment of hold downs for incoming timber
Optional	Various automated in-feed options (Centering, Line-bar or simple fence aligned in-feed) Scanning and optimizing systems, providing industry-leading yield results Motor power upgrade Driven roller tables on infeed and outfeed
Feed System	
Feed speed	0 - 44 m/min
Feed motor	15 kw (Standard)
Blade System	
Diameter	400 mm
Blade Kerf	5 mm
No. blades	Max. 12 per arbor (depends on material thickness and feed speed)
Blade Adjustment	Manual Arbor sleeves for quick changeout of saws



INDUSTRIAL MATERIAL HANDLING

Logs, Cants, Flitches, Boards, Lumber. Wherever you need to get your material within your mill, Wood-Mizer can help you get it there. From drop in standard material handling components to fully customised material handling solutions. Talk to our Industrial Sales Team to find out how we can help you to make your operation more efficient.



3-Sided Sorting Table
Sorting Table CRD2H



Turning/Positioning System
Log Turner with Incline Deck



Centering System
for Multitrips
and Horizontal Resaws



Board Unscrambler
for Optimizing Edger System



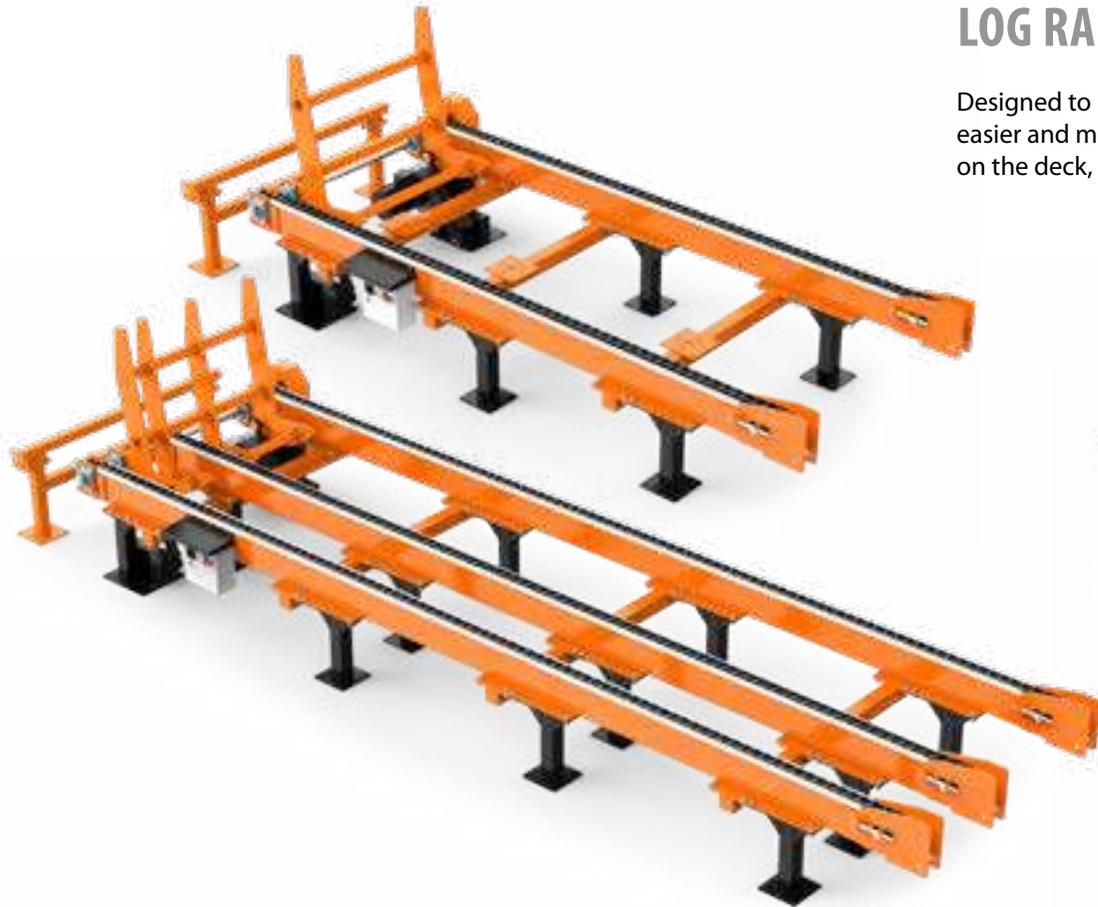
Log Decks



Merry-Go-Round System
for Horizontal Resaws

Custom Material Handling Solutions 

We can design and produce any material handling item that will solve a customer's problem.



LOG DECK (LD2)

Logs can be staged on the Log Deck, and fed forward one at a time onto the sawmill. The loading arms ensure only one log is transferred at a time. The sawmill operator controls the Log Deck from the Operator Station. The Log Deck is available in two lengths (3.6 m or 6 m long) and two widths (1.55 m and 3.3 m).

LOG RAMP

Designed to make loading the log deck with a forklift easier and more efficient. It also increases log capacity on the deck, thus minimising loading runs.



LOG DECK (LD1)

To keep your smart log line supplied with timber, you need a robust log infeed system. Our log decks are designed to withstand the rigors of the forestry industry. Massively constructed, our log decks will give years of service in a very demanding environment. 2-Strand and 3-Strand versions are available.



TRANSFER TABLE (TD2)

This unique piece is a brilliantly simple way to transfer material quickly and efficiently. After the material moves onto the rollers from the Incline Conveyor, a sensor activates an air bag which is connected to a set of inclined cross transfer rollers. The cut piece then rolls down the incline to a stop location, or onto another conveyor. Alternatively, the sawyer or other operator can activate pneumatic kickers to push the piece off the opposite side. There are no chains, gears, or motors, which makes operation simple with little maintenance. The Transfer Table can be set up for either right or left hand operation.

INCLINE CONVEYOR (CB3)

The conveyor belt removes timber from the sawmill. After the cut is finished, the Board Removal System offloads the board from the bed onto the Conveyor Belt, which then moves the timber to the next processing stage. Like the Log Deck, the Belt Conveyor is controlled from the Operator Station.



HEAD TRACKING CONVEYOR

Table with hydraulic adjustment.

3-SIDED SORTING TABLE (CRD2H)

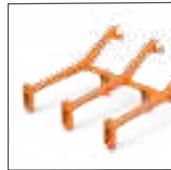
The conveyor belt removes timber from the sawmill. After the cut is finished, the Board Removal System offloads the board from the bed onto the Conveyor Belt, which then moves the timber to the next processing stage. Like the Log Deck, the Belt Conveyor is controlled from the Operator Station.



MATERIAL HANDLING EQUIPMENT IN USE:



Sorting Table CRD2H



Slide 3S



Slide 2S



Chain Conveyor

IDLE ROLLER TABLE

The Idle Roller Table fits inline for the straight flow of material. The sturdy table facilitates moving product from one area to the next within the system. It is adjustable in height to accommodate a variety of set ups.



CROSS TRANSFER DECK

We know that every sawmill is different, and that's why we made our transfer deck modular. Order a drive end module and an idle end module and then as many extension modules as you need for your layout. Increase or decrease the length of the conveyor, or the height/slope of the conveyor to suit your needs.

CROSS ROLLER TABLE

The Cross Roller Table is a simple, heavy-duty table for cross transferring sawn boards back into the material flow for additional processing including resawing and edging.



TURNING/POSITIONING SYSTEM

Log Turner, Log Deck, Operator Stand, Operator Panel, TVS Infeed Table.

SYSTEM EQUIPMENT IN USE:



Log Incline Deck



Log Turner



TVS Infeed Table



LOG INCLINE DECK

The Log Incline Deck has been designed to bring the logs up to the operator station in a controlled manner, allowing the operator to concentrate on log alignment and continuous feeding into the Twin Vertical Saw.



BOARD UNSCRAMBLER

For Smart Processing Lines with Optimizing Edgers.

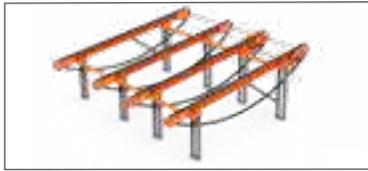
CENTERING SYSTEMS

Centering systems for Wood-Mizer's Multitrips and Horizontal Resaws with Autofeeding Conveyor.

MATERIAL HANDLING EQUIPMENT IN USE:



Rolling Table with Centering System



Feed cross chain conveyor



MERRY-GO-ROUND

The optional Merry-Go-Round really allows you to benefit from the high production levels that are achievable with the resaws. The infeed and outfeed operators are able to keep the resaw sawing with closely stacked cants for the full shift with minimum effort.

This system was designed with shorter length pallet wood in mind, but has also been used with longer cants for resawing building timbers and long boards. The Merry-Go-Round automatically feeds uncut cant portions through the resaw. It reduces labor costs by eliminating up to two men and makes true one-man operation possible. Individually matched to each resaw unit.

SYSTEM EQUIPMENT IN USE:



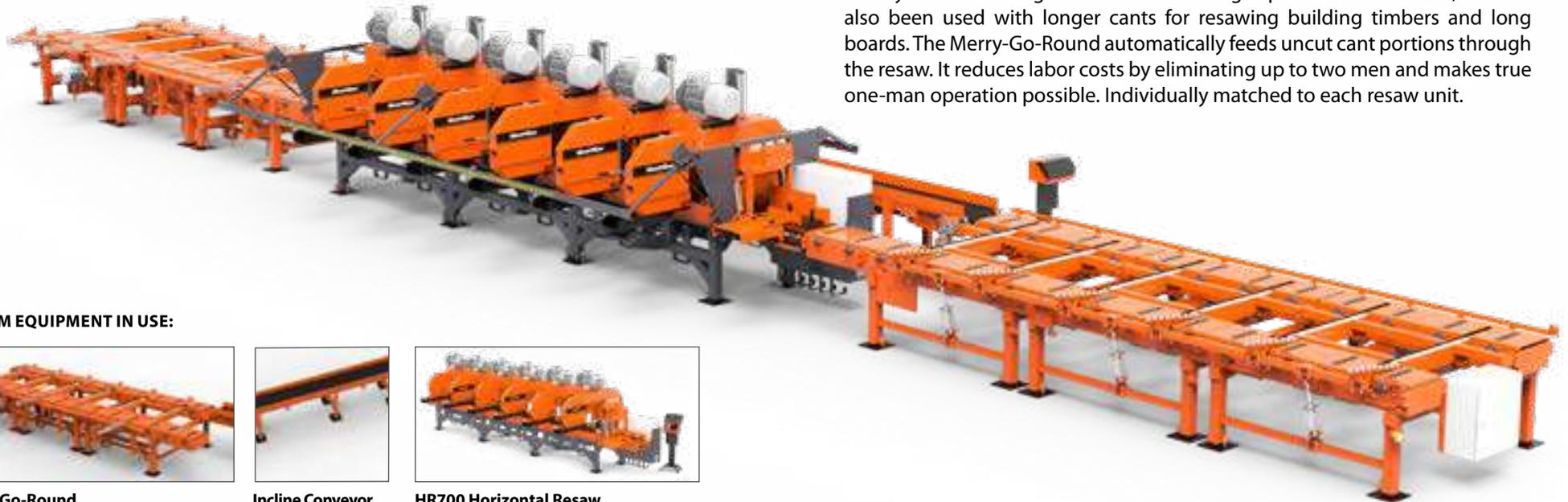
Merry-Go-Round



Incline Conveyor



HR700 Horizontal Resaw



Wood-Mizer® blades



Sawmill users in more than 100 countries depend on Wood-Mizer's wide range of blades to cut their timber. For many species of logs, specialized blades are needed for the best cutting performance. Wood-Mizer's blade testing teams work across Asia, Europe, Africa, and the Americas to develop and improve our selection of blade brands and profiles to meet the most difficult sawmilling challenges. Whatever wood you are cutting, Wood-Mizer has a blade to meet your needs.

Wood-Mizer has been producing blades specifically for sawmill applications since 1987. With ISO 9001 certification since 2003, quality control systems are strictly adhered to at each stage of blade production. Blade quality is carefully monitored. Our exclusive CBN sharpening and computerised setting equipment ensure that Wood-Mizer blades meet the highest standards.

Whether your needs are small or large, Wood-Mizer blades are affordable and deliver excellent performance. Blades can be ordered in any custom length. All Wood-Mizer blade can be easily sharpened and maintained on-site using Wood-Mizer's sharpening and setting equipment.

Wood-Mizer is one of very few companies that utilize laser marking technology to brand and label blades.

silverTIP
Wood-Mizer
CARBON BANDSAW BLADES

biMETAL
Wood-Mizer
INDUSTRIAL BANDSAW BLADES

doubleHARD
Wood-Mizer
HIGH-ALLOY BANDSAW BLADES

startCUT
Wood-Mizer
CARBON BANDSAW BLADES

maxFLEX
Wood-Mizer
PREMIUM BANDSAW BLADES

vortex
Wood-Mizer
DUST REMOVAL BLADE

INDUSTRIAL SAWMILLS • SAWMILLING SOLUTIONS AND WOOD PROCESSING EQUIPMENT

Wood-Mizer®
from forest to final form

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