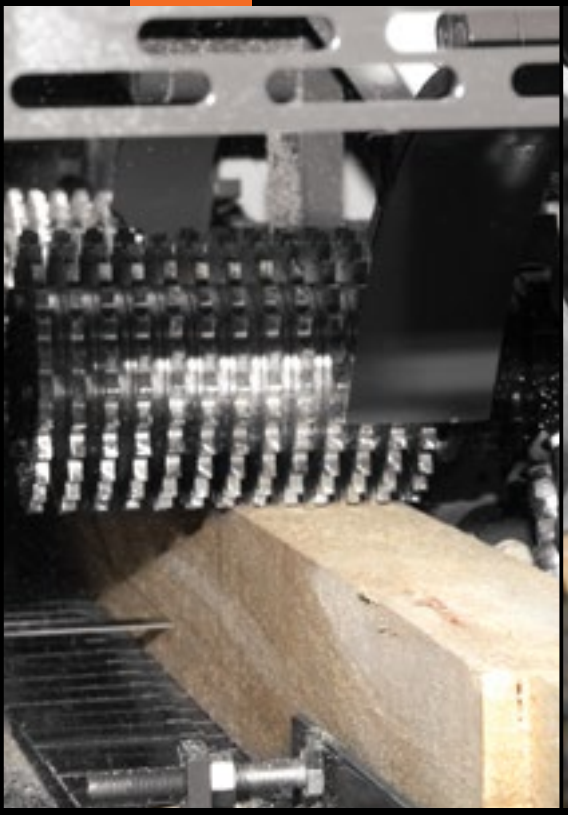
SMART LOG PROCESSING

Wood-Mizer®




SLP

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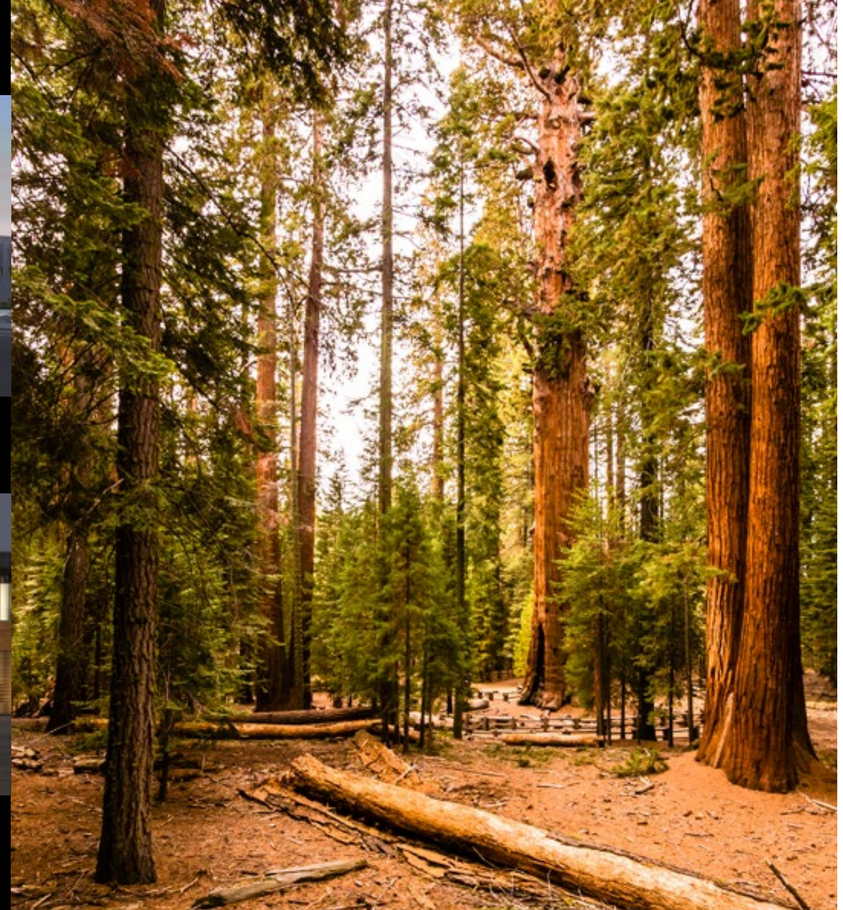
Wood-Mizer®

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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THE PROFITABLE CONVERSION OF SMALL LOGS DEPENDS ON SEVERAL KEY FACTORS

Low initial capital cost
Narrow band technology allows you to save on costs that are not directly related to the cutting process.

Low Installation Costs
Industrial equipment does not require expenditure on expensive foundations. A level concrete floor is preferable, but our sawmilling lines can be installed on almost any firm surface.

Sawn Recovery
The use of our narrow band blades allows you to squeeze every last board and batten out of a small log, thus reducing your raw material costs to a minimum.

Flexibility
Our small log processing equipment has been designed to be modular and flexible.
- You can run off a generator and therefore operate away from conventional power sources.
- You can change the sawmill layout quickly and easily to adapt to different product requirements.

Low Energy Costs
Our thin-kerf, high performance blades allows us to use lower horsepower motors without compromising cutting performance.

Material Handling
We offer a range of material handling options from log decks to cross transfer decks that will enable you to balance labour costs and capital costs.

Reliability
Careful design and robust construction using durable components are the key to a long and trouble free production life. Many of our very first sawmills, built over 25 years ago, are still operating in the field.

SMART LOG PROCESSING

The Smart Log Processing System (SLP) is a flexible series of modular products designed for the profitable conversion of 100 mm - 400 mm diameter logs into final timber products.

A smart investment
- **Low initial capital**
- **Low installation costs**
- **Modular layouts allow for operational flexibility**
- **Low energy consumption costs**

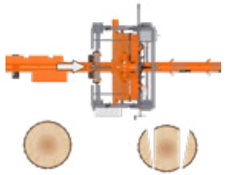
SLP1 - PROFITABLE CONVERSION OF SMALL LOGS

Highly popular among pallet manufacturers, the SLP1 specialises in making the most profit possible from low value logs up to 400mm in diameter and increasing your competitive edge. The SLP1 line has been successfully used in sawing high quality construction grade timber to pallet material. It is a diverse line that can be adapted to many different configuration requirements to suit the sawmillers needs.

Because the line is modular, machines in the line can be arranged to suit cutting needs as the market changes. The SLP1 line utilises Wood-Mizer's modular system, with many of the machines using the same electrical parts, belts, and bearings, requiring the sawmiller to keep fewer spares on hand.

TVS
Twin Vertical Saw

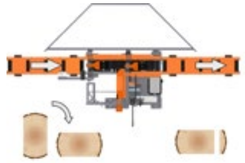
The TVS (Twin Vertical Saw) uses thin-kerf blades to efficiently remove the two vertical sides of logs up to 400mm in diameter. The TVS is cost-effective, versatile, designed for high performance, and built strong for years of reliable service. The TVS works equally well as a stand-alone unit or integrated with an existing sawmill line.



See pages 10-17 for more details on the TVS.

SVS
Single Vertical Saw

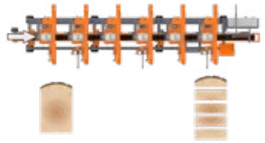
The SVS Single Vertical Saw simplifies the removal of the third side of a log during processing. Placed in the line behind the TVS, the SVS prepares the cant to move on to the resaw. The SVS has a maximum cut width of 300mm. The maximum material size is 400mm wide by 250mm high.



See pages 18-19 for more details on the SVS

HR500
Horizontal Resaw

The slabs from the TVS and the SVS can then be passed to the slab reclaim line which consists of a Horizontal Resaw. 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.



See pages 22-25 for more details on Horizontal Resaws.

EG300
Industrial Edger

EG300 Multi-Rip Edger standardizes up to three board sizes for maximum timber recovery. The EG300 is the ideal companion for the Wood-Mizer Industrial SLP line. This machine comes standard with two blades (one moveable). Up to three additional blades can be added for full function Multi-Rip capability.

See pages 26-31 for more details on edgers.

SLP2 - ADVANCED AUTOMATION TO MAXIMISE LOG YIELD AND MINIMISE OPERATIONAL COSTS

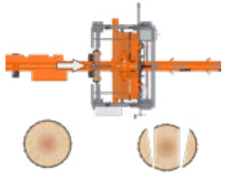
Offering more automation and features to reduce production costs, the SLP2 is the next stage in increasing profits from small- to medium-sized logs up to 400mm in diameter.

The line can be configured in different ways depending on product requirements and budget. As few as two or three workers can successfully manage the whole line due to its level of automation. A centralised control console positioned at the front of the line gives the main operator a full view of the work, and puts all machine controls within easy reach.

The SLP2 is the ultimate solution for decreasing costs and increasing profits by automating your timber processing.

TVS
Twin Vertical Saw

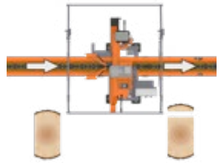
A typical layout consists of one or more TVS units which takes two sides off a log and then passes the two-sided cant on to the SVS (Single Vertical Saw). For those sawyers who want to produce four-sided cants from the log, we offer the TVS with a flat feed system which takes the two sided cant from the first TVS and removes two more sides in one pass.



See next page for more details on the TVS.

SHS
Single Horizontal Saw

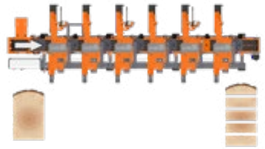
Following the TVS, the Single Horizontal Saw removes the third slab from the bottom of the log. The slab is removed automatically, and the three-sided cant continues on to the resaw. No cant turning occurs, which reduces labour requirments.



See pages 20-21 for more details on the SHS

HR700
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 one pass.



See pages 22-25 for more details on Horizontal Resaws.

EG300
Industrial Edger

EG300 Multi-Rip Edger standardizes up to three board sizes for maximum timber recovery. The EG300 is the ideal companion for the Wood-Mizer Industrial SLP line. This machine comes standard with two blades (one moveable). Up to three additional blades can be added for full function Multi-Rip capability.

See pages 26-31 for more details on edgers.

TVS
TWIN VERTICAL SAW

REMOVE TWO SIDES OF LOGS, CANTS AND SLABS

Developed for the Wood-Mizer Smart Log Processing line of equipment, the TVS removes 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 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 – SPECIFICATIONS

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	70 mm
Max. Cut Width	250 mm

POWER

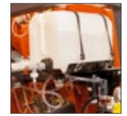
Standard	2 x 11 kW electric
Optional	2 x 7.5 kW electric

TVS EQUIPMENT

Setworks
Set several programmable pre-sets with optional Setworks.

Twin Cutting Heads
Make two vertical cuts in one pass.

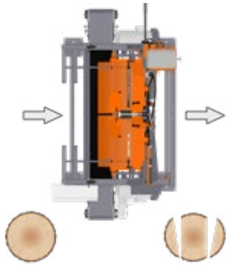
Slab Removal System
Side Disks release slabs onto conveyors below.



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
Blade	
Length	4.67 m
Width	32-38 mm
Blade Wheel Diameter	600 mm
Blade Wheel Material	Belted cast steel
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	70 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
Additional Equipment	Log Deck Slab Transfer Deck Log Turner

TVS
V FEED

V FEED FOR ROUND LOGS

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 V FEED – SPECIFICATIONS

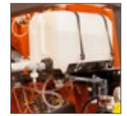
CUTTING CAPACITY	
Min. Log Diameter	150 mm
Max. Log Diameter	400 mm
Log Length	1.2 - 2.4 m (2.4 tables version) 2.4 - 3.6 m (3.6 tables version)
Min. Cut Width	70 mm
Max. Cut Width	250 mm
POWER	
Standard	2 x 11 kW electric
Optional	2 x 7.5 kW electric

TVS V FEED EQUIPMENT

Setworks
Set several programmable pre-sets with optional Setworks.

Twin Cutting Heads
Make two vertical cuts in one pass.

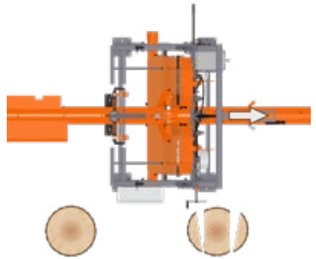
Dual Laser
Line up logs for maximum recovery with the optional laser.

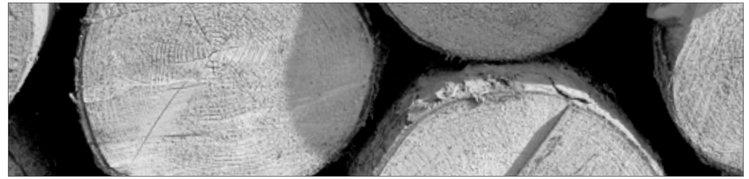


LubeMizer Blade Lubrication
Wood-Mizer's industrial blade lubrication system keeps both sides of the blade clean during cutting.

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

V Feed Chain
Simple chain feed designed for standard log lengths. Hold-down rollers keep the log in position and secure.





TVS V FEED SPECIFICATIONS

Power	
Standard	2 x 11 kW electric
Optional	2 x 7.5 kW electric
Blade	
Length	4.67 m
Width	32-38 mm
Blade Wheel Diameter	600 mm
Blade Wheel Material	Belted cast steel
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	70 mm
Max. Cut Width	250 mm
Sawmill Head Features & Options	
Standard	Setworks Electric head adjustment Twin cutting heads Hydraulic blade tension LubeMizer blade lubrication
Optional	Laser sight Set of additional rollers
Sawmill Tables Options	
	V Feed IN/OUT feed tables
Additional Equipment	Log Deck Slab Transfer Deck
Sawmill Bed Configuration Options	
Chain feed speed	0-20 m/min
Chain type	Chain feed
Hold-down type	Spiked roller hold-downs
Sawmill Dimensions	
Length	4.8 - 8.4 m
Width	2 m
Height	2.15 m
Dust collection port size	150 mm

TVS
SPIKY CHAIN

SPIKY CHAIN FOR ROUND LOGS

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.

The outfeed bed has three options for slabs handling.

- **Side Disks** – pneumatically operated side arms that hold the side board against the log until it reaches the desired drop zone. The arms open and release the two side boards together.
- **Side Rollers** – spiral rollers are fitted along both sides of the outfeed bed, and as the log gets sawn the side boards fall onto the side rollers and gradually get moved outwards until they fall onto the cross transfer table.
- **Economy Version** – This bed has no spiral rollers or side disks, and the side boards fall directly onto a cross transfer conveyor.

TVS SPIKY CHAIN – SPECIFICATIONS

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	70 mm
Max. Cut Width	250 mm
POWER	
Standard	2 x 11 kW electric
Optional	2 x 7.5 kW electric

TVS SPIKY CHAIN EQUIPMENT

Setworks
Set several programmable pre-sets with optional Setworks.

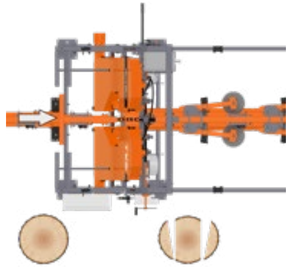
Twin Cutting Heads
Make two vertical cuts in one pass.

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

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.

Spiky Chain Feed
Combining heavy spiked rollers with a spikey chain feed results in more productivity and improved stability for curved logs.



TVS SPIKY CHAIN SPECIFICATIONS

Power	
Standard	2 x 11 kW electric
Optional	2 x 7.5 kW electric
Blade	
Length	4.67 m
Width	32-38 mm
Blade Wheel Diameter	600 mm
Blade Wheel Material	Belted cast steel
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	70 mm
Max. Cut Width	250 mm
Sawmill Head Features & Options	
Standard	Setworks Electric head adjustment Twin cutting heads Hydraulic blade tension LubeMizer blade lubrication
Optional	Laser sight Set of additional rollers
Sawmill Tables Options	
	Spiky Chain IN/OUT feed tables
Additional Equipment	Log Deck Slab Transfer Deck Log Turner
Spiked roller hold-downs	
Chain feed speed	0-20 m/min
Chain type	Spiky chain feed
Hold-down type	Heavy spiked hold-down rollers
Sawmill Dimensions	
Length	5.8 - 10.1 m
Width	2 m
Height	2.15 m
Dust collection port size	150 mm

TVS
FLAT FEED

FLAT FEED FOR TIMBER WITH A FLAT SIDE

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 FLAT FEED – SPECIFICATIONS

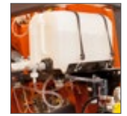
CUTTING CAPACITY	
Min. Log Diameter	150 mm
Max. Log Diameter	400 mm
Log Length	1.2 - 2.4 m (2.4 tables version) 2.4 - 3.6 m (3.6 tables version)
Min. Cut Width	70 mm
Max. Cut Width	250 mm
POWER	
Standard	2 x 11 kW electric
Optional	2 x 7.5 kW electric

TVS FLAT FEED EQUIPMENT

Setworks
Set several programmable pre-sets with optional Setworks.

Twin Cutting Heads
Make two vertical cuts in one pass.

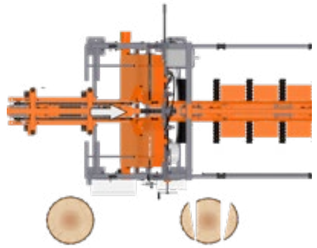
Dual Laser
Line up logs for maximum recovery with the optional laser.



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.

Flat Chain Feed
The flat chain feed with heavy, spikey hold-downs is designed for timber to be cut that already has one flat side.



TVS FLAT FEED CHAIN SPECIFICATIONS

Power	
Standard	2 x 11 kW electric
Optional	2 x 7.5 kW electric
Blade	
Length	4670 mm
Width	32-38 mm
Blade Wheel Diameter	600 mm
Blade Wheel Material	Belted cast steel
Cutting Capacity	
Min. 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	Setworks Electric head adjustment Twin cutting heads Hydraulic blade tension LubeMizer blade lubrication
Optional	Laser sight Set of additional rollers
Sawmill Tables Options	
	Flat Table IN/OUT feed tables
Additional Equipment	Log Deck Slab Transfer Deck Log Turner
Spiked roller hold-downs	
Chain feed speed	0-20 m/min
Chain type	Flat chain feed
Hold-down type	Heavy hold-down rollers
Sawmill Dimensions	
Length	9.42 - 12.52 m
Width	2 m
Height	2.15 m
Dust collection port size	150 mm

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.

The SVS is equipped with infeed and outfeed tables.
Shown with optional side table. (SVSSTU)

SVS – SPECIFICATIONS

CUTTING CAPACITY

Min. Material Length	1200 mm
Max. Material Length	3600 mm
Min. Cut Width	10 mm
Max. Cut Width	300 mm

POWER

Standard	11 kW electric
Optional	7.5 kW electric

SVS EQUIPMENT

11kW Electric Engine
Optional 7.5 kW electric engine

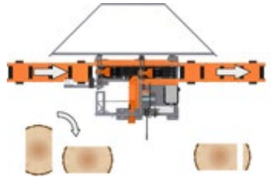
Two Roller Hold-downs
Wide hold-down rollers keep the cant stable during cutting.

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

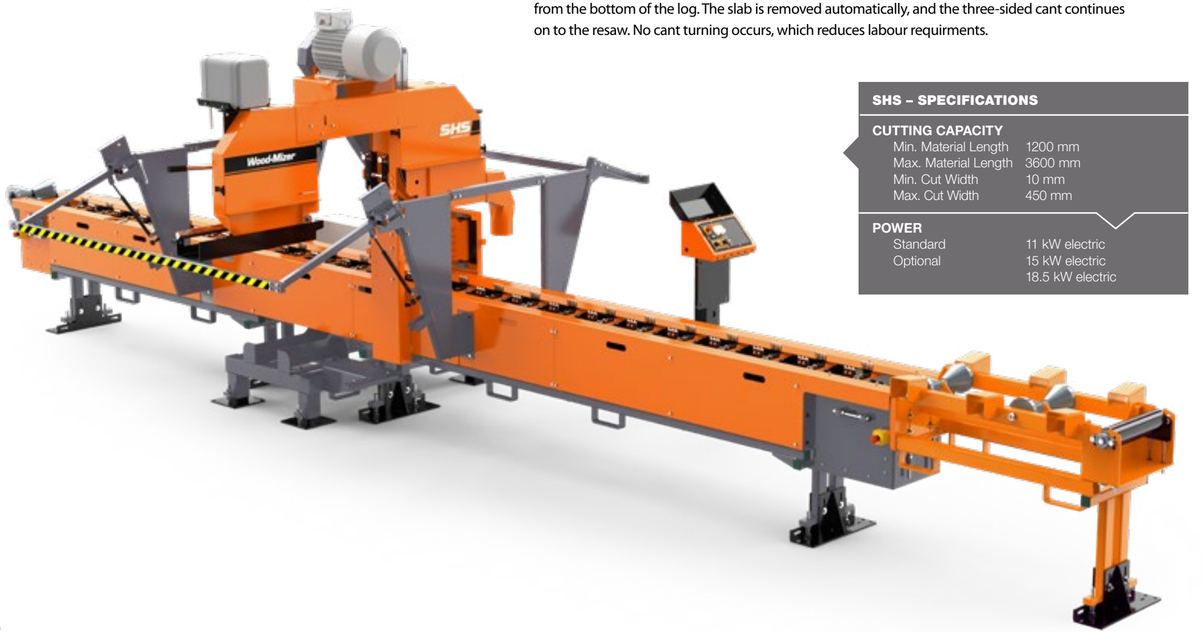
Power	
Standard	11 kW electric
Options	7.5 kW electric
Blade	
Length	4670 mm
Width	32-38 mm
Blade Wheel Diameter	600 mm
Blade Wheel Material	Belted cast steel
Cutting Capacity	
Min. Material Length	1200 mm
Max. Material Length	3600 mm
Min. Cut Width	10 mm
Max. Cut Width	300 mm
Resaw Features & Options	
Standard	11 kW electric motor Powered spiky feed belt 2 roller hold-downs Laser sight
Optional	7.5 kW electric motor IN/OUT Feed tables
Resaw Bed Features & Options	
Chain feed speed	0-20 m/min
Belt type	Spiky flat belt
Sawmill Dimensions & Requirements	
Chain Feed Motor	1.1 kW electric
Power requirements	400 V / 50 Hz, 3 Ph
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 the SLP2 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 the resaw. No cant turning occurs, which reduces labour requirments.



SHS – SPECIFICATIONS

CUTTING CAPACITY	
Min. Material Length	1200 mm
Max. Material Length	3600 mm
Min. Cut Width	10 mm
Max. Cut Width	450 mm
POWER	
Standard	11 kW electric
Optional	15 kW electric 18.5 kW electric

SHS EQUIPMENT

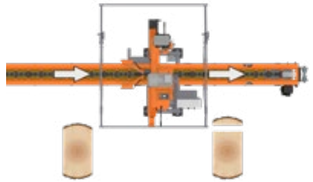
Electric engine
11 kW Motor.
15 kW and 18.5 kW motors available as options.

Setworks

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.

Spikey Infeed Chain
The wide spikey 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 Lenght	1200 mm
Max. Cant Lenght	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

HR500
HORIZONTAL RESAW

HORIZONTAL RESAW

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 1.2 m 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.

For returning unfinished cants back through the resaw, roller tables are available for a manual cant return system.

Pictured: HR500EC15-6

HR500 – SPECIFICATIONS

CUTTING CAPACITY

Min. Cut Width	75 mm
Max. Cut Width	300 mm
Min. Cant Height	10 mm
Max. Cant Height	400 mm
Min. Material Length	1200 mm
Max. Material Length	3600 mm

POWER

Standard	11 kW electric/per head
Optional	7.5 kW electric/per head

HR500 EQUIPMENT

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

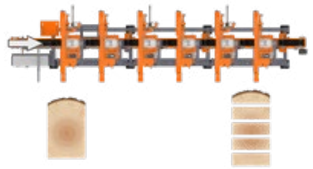
HEAD TILT 0°-8°
Produce varied angled final products easily with the tilting heads.

Optional Setworks
Increase operator productivity with the optional electronic setworks and electric up/down.

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
Blade	
Length	4010 mm
Width	32-38 mm
Blade Wheel Diameter	600 mm
Cutting Capacity	
Min. Cant Width	75 mm
Max. Cant Width	300 mm
Max. Cant Height	400 mm
Max. Cant Height with Optional Rollers	230 mm
Min. Material Length	1200 mm
Max. Material Length	3.6 m (more tables required for longer lengths)
Min. Cutting Height	6 mm
Max. Cutting Height	200 mm
Max. Cutting Height With Electric UP/DOWN	180 mm
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.
Resaw Requirements	
Length	3.50 m
Normal Power Usage	1-head 25 Amp; 2-heads 45 Amp

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.

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.

Pictured: Six-Head HR700

HR700 – SPECIFICATIONS

CUTTING CAPACITY

Min. Cant Height	10 mm
Max. Cant Height	400 mm
Min. Material Length	1200 mm
Max. Material Length	Unlimited
Min. Cutting Height	6 mm
Max. Cutting Height	400 mm

POWER

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

HR700 EQUIPMENT

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

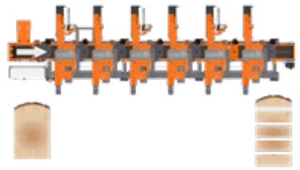
Twin-track Steel Conveyor Belt
Supports the full cant width.

Central Blade Tension and Lubrication
Each module has centralised blade tension and lubrication.

Modular Configuration
Start with the 2-head base and extend with additional modules later.

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

Optional Setworks
Increase operator productivity with the optional computer setworks and electric up/down



HR700 SPECIFICATIONS

Power	
Standard	15 kW electric / per head
Options	11 kW electric / per head 18.5 kW electric / per head
Blade	
Length	4670 mm
Width	32-38 mm
Blade Wheel Diameter	600 mm
Cutting Capacity	
Max. Cant Height	400 mm
Max. Cant Height with Optional Rollers	230 mm
Min. Material Length	1200 mm
Max. Material Length	Unlimited (for more than 3.6m material length, additional tables required)
Min. Cutting Height	6 mm
Max. Cutting Height	400 mm
Min. Cutting Width	75 mm
Max. Cutting width	400 mm
Resaw Features & Options	
Standard	Spike Feed Rollers Steel Belt Conveyor Centralised Hydraulic Blade Tensioner for each 2 heads 2 Heads Module
Optional	Additional Top Rollers MultiSetwork with electric up/down Merry-go-round System
Belt Speed	0-20 m/min
Resaw Requirements	
Normal Power Usage	400 V; 50 Hz; 3Ph
1 Head 2 Heads 3 Heads 4 Heads 5 Heads 6 Heads	40 Amp (15 kW motor) 75 Amp (15 kW motor) 105 Amp (15 kW motor) 140 Amp (15 kW motor) 170 Amp (15 kW motor) 200 Amp (15 kW motor)

EG250
INDUSTRIAL EDGER

BASIC AND DEPENDABLE TWIN-BLADE EDGER

The EG250 is a straightforward twin-blade edger, designed to be affordable and reliable with simple edging functions. For woodworking shops looking for a dependable edger, but not requiring industrial-grade productivity features, the EG250 twin-blade board edger is an excellent solution.

The edger is supplied with two circular sawblades, powered by an 11kW motor, or optionally a 15kW motor. One blade is fixed and the other is adjusted using a hand crank to change the edging width. The edger's power feed system comes standard at 12 metres per minute, but a variable speed option can be added to allow from 0 to 20 m per minute.

For boards that already have one straight edge, an adjustable fence allows the operator to quickly position boards for edging the second side.

EG250 EQUIPMENT

Circular Blades
One fixed circular blade, and an adjustable blade for changing the width of the cut.

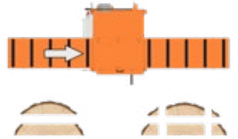
Electric motor
11 kW electric motor (15 kW optional)

Adjustable Feed Speed
Standard 12 metres per minute, but a variable speed option can be added to allow from 0 to 20 m per minute.

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

Manual dial
Lets you accurately choose the final size of lumber you want when edging.

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



EG250 SPECIFICATIONS

Power	
Standard	11 kW electric
Optional	15 kW electric
Blade	
Diameter	350 mm
No. Teeth	24
Kerf	4 mm
No. Blades	2 standard
Blade Thickness	3.9 mm
Cutting Capacity	
Max. Feed Width	550 mm
Max. Cutting Width	410 mm
Min. Cutting Width	60 mm
Max. Cutting Thickness	60 mm
Min. Cutting Thickness	10 mm
Min. Board Length	750 mm
Edger Features & Options	
Standard	2 circular blades Manual dial
Optional	Adjustable fence Adjustable speed
Feed System	
No. Of Powered Rollers	4
Feed Speed	12 m/min (standard) 0-20 m/min (optional)
Edger Requirements	
Normal Power Usage	400 V 50 Hz 3Ph: 70 Amp

EG300
INDUSTRIAL EDGER

A VERSATILE INDUSTRIAL-LEVEL EDGER

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.

EG300 EQUIPMENT

Edger and Multirip
Quickly add multirip functionality by adding up to three additional fixed blades.

Electric motor
15 kW
(18.5 kW optional)

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

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

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

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

EG300 SPECIFICATIONS

Power	
Standard	15 kW electric
Optional	18.5 kW electric
Blade	
Diameter	350 mm
No. Teeth	24
Kerf	4 mm
No. Blades	2 standard, max 5
Blade Thickness	3.2 mm
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 Adjustable speed Setworks
Optional	Multirip Set of 2 lasers Outfeed table Cant outfeed tailer
Feed System	
No. Of Powered Rollers	4
Feed Speed	0-20 m/min
Edger Requirements	
Normal Power Usage	400 V 50 Hz 3Ph: 70 Amp

EG400
INDUSTRIAL EDGER

A VERSATILE INDUSTRIAL-LEVEL EDGER

The EG400 is a rugged board edger that is at home in commercial sawing businesses that require a fast, accurate, and heavy-duty board edger. The EG400 edges material 700 mm wide by 100 mm high at 30 metres per minute, and smaller material at up to 54 metres per minute.

The remote operator's control console manages all edger functions, and can be repositioned as needed. The 22kW motor delivers plenty of power for softwoods and hardwoods. The edger automatically adjusts feed speed depending on the thickness of the board being cut. Two 400mm blades are mounted on a splined shaft and move in and out from the centre, allowing the use of an optional outfeed board conveyor.

Two lasers are standard on the EG400 for board positioning, and it is equipped with anti-kickback protection and other safety features including a perimeter e-stop cable and electrically interlocked safety covers. The standard infeed table is available with optional rip fences.

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

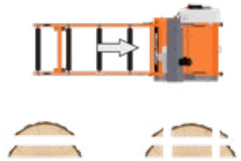
EG400 EQUIPMENT

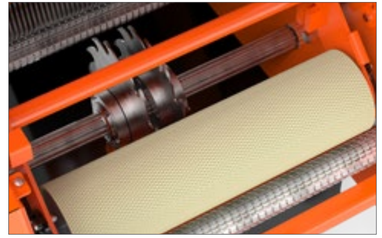
22 kW Electric motor
Power for softwoods and hardwoods. blades.

Two 400 mm circular blades
Move in and out from the centre.

Remote operator's console
Reposition controls in the best location for operator productivity.

Two lasers
The twin lasers enable the operator to see how to get the most out of the board.





EG400 SPECIFICATIONS

Power	
Standard	22 kW electric
Blade	
Diameter	406 mm
No. Blades	2
Cutting Capacity	
Max. Feed Width	900 mm
Max. Board Width Cut	700 mm
Min. Board Width Cut	76 mm
Max. Board Thickness	100 mm
Min. Board Thickness	25 mm
Min. Board Length	1.1 m
Edger Features & Options	
Standard	2 circular blades Adjustable speed Setworks
Optional	Multirip Set of 2 lasers Outfeed table Cant outfeed tailer
Feed System	
No. Of Powered Rollers	4
Feed Speed	0-20 m/min
Edger Requirements	
Normal Power Usage	400 V 50 Hz 3Ph: 70 Amp

MATERIAL HANDLING EQUIPMENT

Log Decks
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.

Pictured: 3 STRAND - SLPLD3.6-3C

Pictured: 2 STRAND - SLPLD3.6-2C

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 TVS.

Pictured: SLPILDU

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.

Pictured: SLPCTD3.6U

Idle Roller Table
The Idle Roller Table fits inline for the straight flow of material. The study 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.

Pictured: SLPIRT

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.

Pictured: SLPCRT

Turning/Positioning System
Log Turner, Log Deck, Operator Stand, Operator Panel, TVS Infeed Table

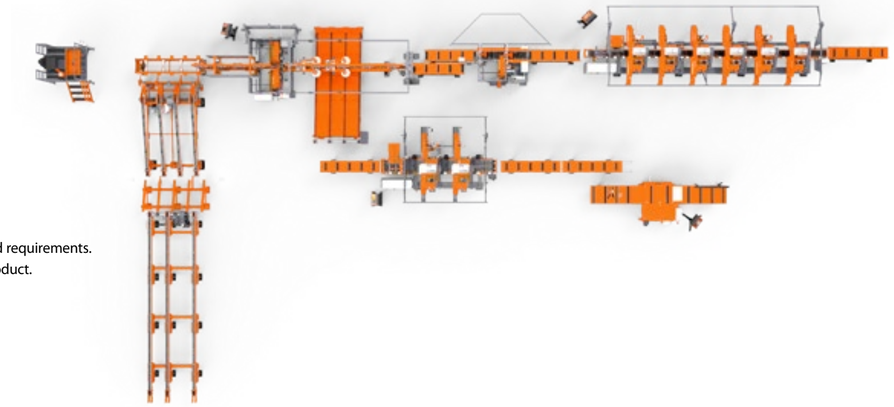
Pictured: 517180

SEE HOW THE MATERIAL HANDLING OPTIONS ARE USED IN A SLP SYSTEM ON THE NEXT PAGE

SLP1

THE PROFITABLE CONVERSION OF SMALL LOGS

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.



The SLP1 line:

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

SYSTEM EQUIPMENT IN USE:


TVS


SVS


Horizontal Resaw


Edger


Log Deck


Log Incline Deck


Chain Incline Conveyor


Roller Table

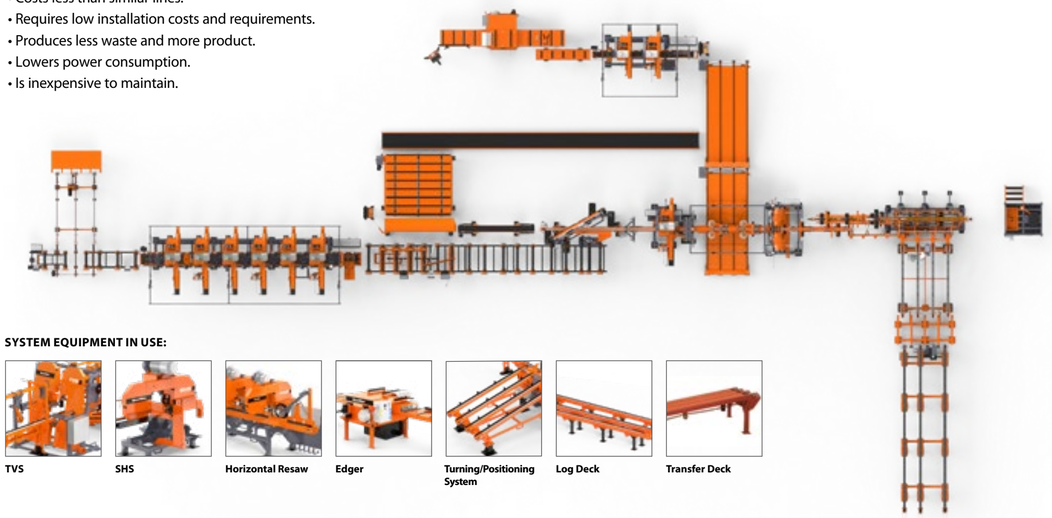
SLP2

THE SMART PROCESSING LINE WITH ADVANCED AUTOMATION TO MAXIMISE LOG YIELD AND MINIMISE OPERATIONAL COSTS

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 400mm in diameter.

The SLP2 line:

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



SYSTEM EQUIPMENT IN USE:

TVS

SHS

Horizontal Resaw

Edger

Turning/Positioning System

Log Deck

Transfer Deck

SMART LOG PROCESSING • MATERIAL HANDLING EQUIPMENT

Wood-Mizer®

from forest to final form

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