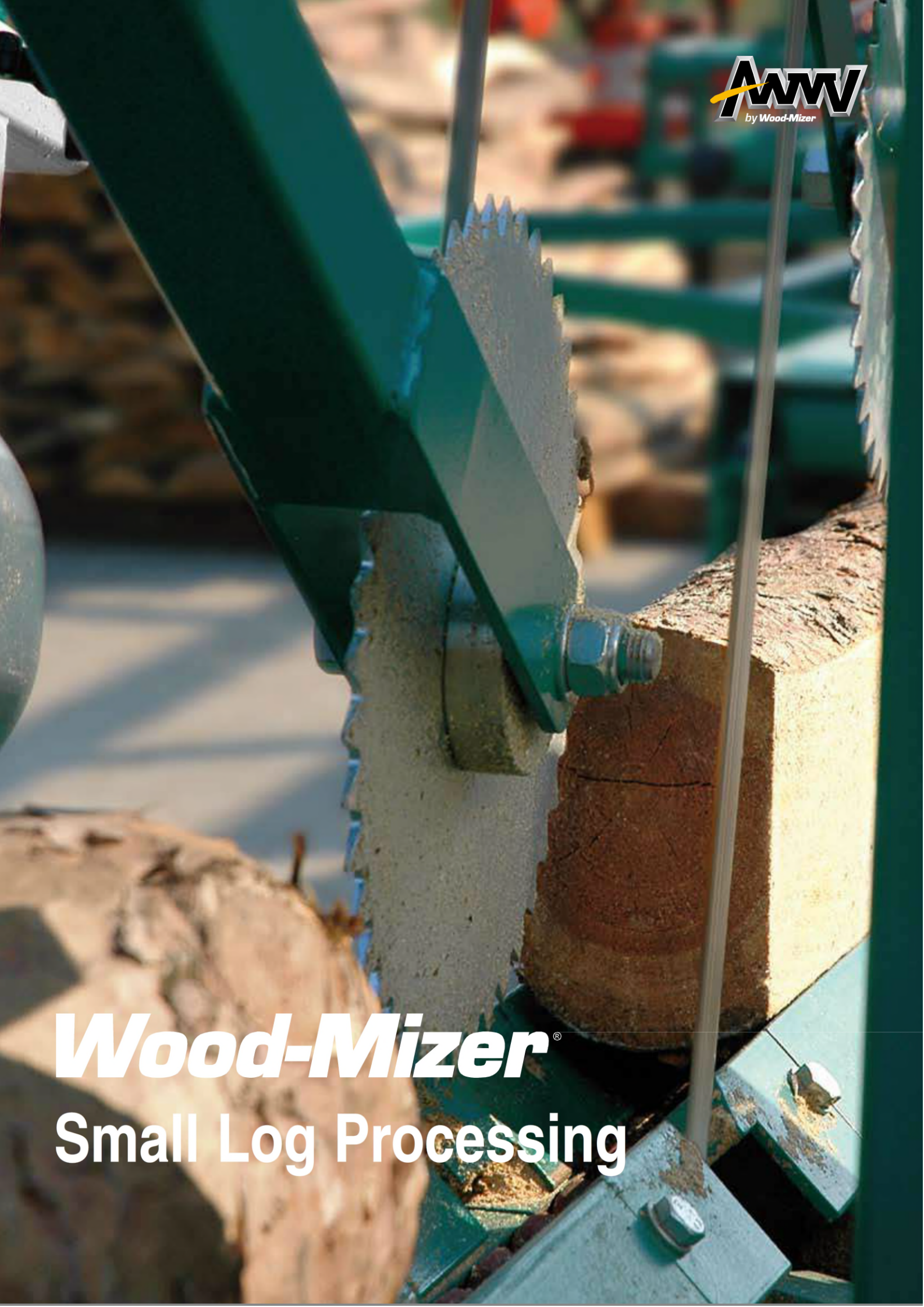


Wood-Mizer®

Small Log Processing

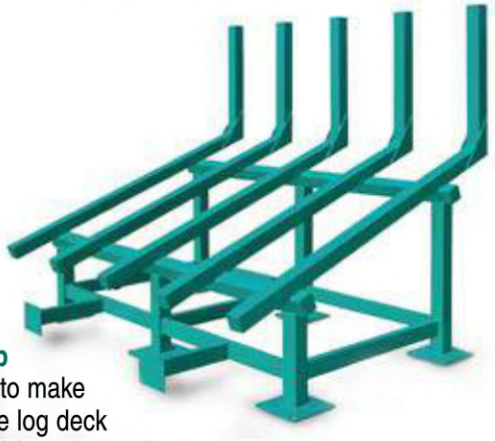
SLP

Small Log Processing

Many years ago Wood-Mizer pioneered the use of our patented narrow band technology for the processing of small logs into pallet wood, battens and boards.

* In order to meet different productivity requirements, the AWMV HR1000 could be installed instead of the HR.

Material Handling Equipment



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 Decks

To keep your small log line supplied with timber, you need a strong and robust log infeed system. Our log decks have been designed to withstand the rigours of the forestry industry. Massively constructed, our log decks will give years of service in a very demanding environment.

- **Powerful motor and gearbox ensure durability**
- **Heavy Duty link chain – more than enough to cope**
- **200 x 100 main support tubes**

The profitable conversion of small logs depends on several key factors

Low initial capital cost
AWMV/Wood-Mizer's proven cutting technology does not require massive construction or cast iron components. Narrow band technology allows us to save on manufacturing costs that are not directly related to the cutting process.

Low Installation Costs
AWMV equipment does not require expenditure on expensive foundations - money spent, that has no future return. In many cases it costs almost as much to remove expensive concrete foundations, as it does to make them in the first place. A level concrete floor is preferable, but our sawmilling lines can be installed on almost any firm surface.

Flexibility
In the fast pace of the modern world you need to be able to respond quickly to the changing pressures of market demand and raw material supply. 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 geographical location easily to ensure that you are always where the action is, and to minimise expensive road haulage of small logs.
- You can change the sawmill layout quickly and easily to adapt to different product requirements.

Sawn Recovery
It is difficult to get high sawn recovery from small logs. 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.

Low Energy Costs
The efficiency of our engineered construction, coupled with the thin-kerf, high performance blades that Wood-Mizer is famous for, allows us to use lower horsepower motors without compromising cutting performance.

Material Handling
Efficient material handling is crucial to maximize productivity and minimize labour costs. We offer a range of material handling options from log decks to cross transfer decks that will enable you to strike the best balance between 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. Wood-Mizer is renowned in the industry for the dependability and longevity of its products. Many of our very first sawmills, built over 25 years ago, are still operating in the field.

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.

- **Dogged link chain to help separate logs**
- **Trip switch Ensures that the next log is always to hand**

Modular Transfer Deck
We understand that every sawmill is different. That is why we have made our transfer deck modular. Order a drive end module and an idle end module and then as many extension modules as you require for your layout. Increase or decrease the length of the conveyor, or the height/ slope of the conveyor to suit your needs. As with our log decks, they are massively constructed to cope with the demands of the sawmilling environment.

- **High quality chain**
- **Trip switch to control material flow**
- **Rugged motor and gearbox**
- **Heavy duty construction**

TVS

Twin Vertical Saw

The TVS uses the same cutting technology as our top end sawmills. With 600 mm belted wheels and a 4.67 m blade length, blade life, sharp life and accuracy are maximised. The tilted head is unique to Wood-Mizer and has been carefully designed to maximise blade life while still allowing easy slab removal onto a cross transfer deck so that you can minimise labour costs.
The heads have been designed to allow easy access to all regular alignment and maintenance areas and also to facilitate changing blade speed to suit the species being cut. 11 kW motors are standard, providing the right balance between cutting performance and energy cost.
Many hundreds of hours of production environment testing in sawmills local to our European Headquarters have proven that the TVS is worthy of the AWMV/Wood-Mizer pedigree.

Log Infeed/Outfeed

We know that there are many different requirements for log infeed handling. We have a selection of log infeed and outfeed methods to suit your particular requirements.

- **Dogged chain feed with angular log guide**
- **Lugs every 56 cm – Dogs every 3 lugs as standard**
- **Easy removal and insertion to suit log length**
- **Spike Chain system**

* Infeed and Outfeed Tables are not included in standard equipment.

TVS	Performance Specifications	
Main motors	2 x 11 kW (E15)	
	2 x 7.5 kW (E11) optional	
Chain feed motor	1.1 kW	
Feed speed adjustment	0-20 m/min	
Blade(s):	length 4.67 m	
	width 32 - 38 mm	
All types of Wood-Mizer Blades are applicable		
Material:	Min. log diameter	100 mm
	Max. log diameter	400 mm
	Min. log length	0.9 m
	Max. log length	3.6 m
	Min. cut width	70 mm
	Max. cut width	250 mm

SVS

Single Vertical Saw

In any production plant, the more that the individual components share the same technology and parts, the less cost is involved in blade and parts stocks. The SVS shares the same head as the TVS, with all the same benefits. With a simple, but effective infeed system the SVS will make light work of splitting or removing the third side from the two sided cant coming from the TVS. A laser (fitted as standard) helps the operator to position the cant to gain maximum recovery. The SVS can also be used to take one side off a slab, which can then be passed efficiently through our horizontal resaws (either HR or HR1000) to recover as many side boards as possible from the slabs.

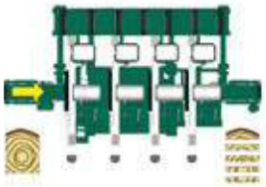
* Infeed roller Table is not included in standard equipment.

SVS	Performance Specifications	
Main motor	11 kW (E15)	
	7.5 kW (E11) optional	
Belt feed motor	1.1 kW	
Feed speed adjustment	0-20 m/min	
Blade:	length 4.67 m	
	width 32 - 38 mm	
All types of Wood-Mizer Blades are applicable		
Material:	Min. material length	0.9 m
	Max. material length	3.6 m
	Min. cut width	10 mm
	Max. cut width	300 mm

HR500

Horizontal Resaw

The horizontal resaw is already a well proven resaw in use in many countries throughout the world. Ideal for resawing slabs or cants, it is an essential part of your small log processing line. Now, you can install additional heads, increasing the productivity of the HR.



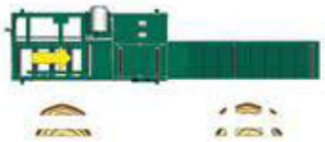
Cross Roller Table and Idle Roller Table are not included in standard equipment.
(Contact your local distributor to arrange your HR with tables.)

HR	**Performance Specifications**	
Main motor	11 kW / head (E15)	
	7.5 kW / head (E11) optional	
Feed speed adjustment	0 - 20 m/min	
Blade(s):	length 4.01 m	
	width 32 - 38 mm	
All types of Wood-Mizer Blades are applicable		
Material:	Min. cant height	10 mm
	Max. cant height	400 mm
	Min. cant length	0.9 m
	Max. cant length	3.6 m
	Min. cut width	75 mm
	Max. cut width	300 mm
	Min. cut height	4 mm
	Max. cut height	200 mm

EG300

Edger MultiRip

The Edger EG300 is an ideal companion to the rest of the SLP line. Using its Multi-Rip capability you can easily preset up to three standard widths allowing the operator to edge the slabs (or boards) to the correct width for maximum sawn timber recovery without the tedious business of constantly changing dimensions.
The generous infeed capacities will cope with most needs.



EG300	Performance Specifications	
Main motor	15 kW	
	18.5 kW optional	
Feed speed adjustment	14/17/18 m/min	
Circular blade(s):	Diameter	350 mm
	Number of blades	2 - 5
	Min. distance between blades	25 mm
Material:	Min. board length	700 mm
	Max. material thickness	60 mm
	Min. material thickness	10 mm
	Max. cut depth	60 mm
	Max. material width	550 mm
	Max. width of cut board	350 mm

SLP – Systems

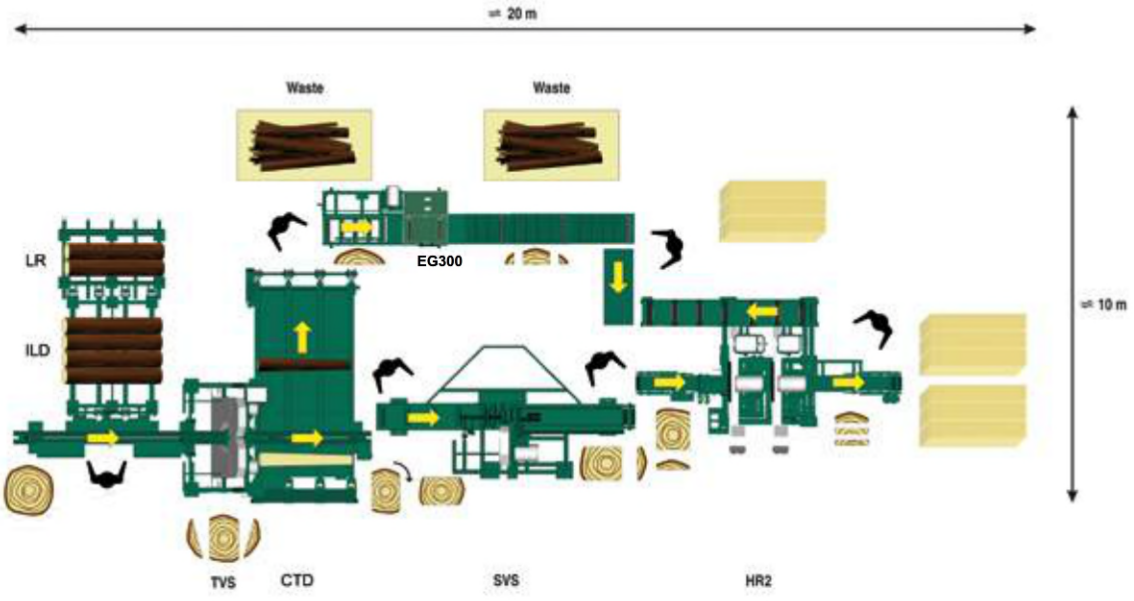
A selection of possible layouts for your interest

The new Small Log Processing line offers unprecedented flexibility and configuration possibilities to meet individual users requirements and needs. All SLP components are designed to use as many common parts as possible – we have also made many of the components modular, this allows you maximum flexibility in the future.

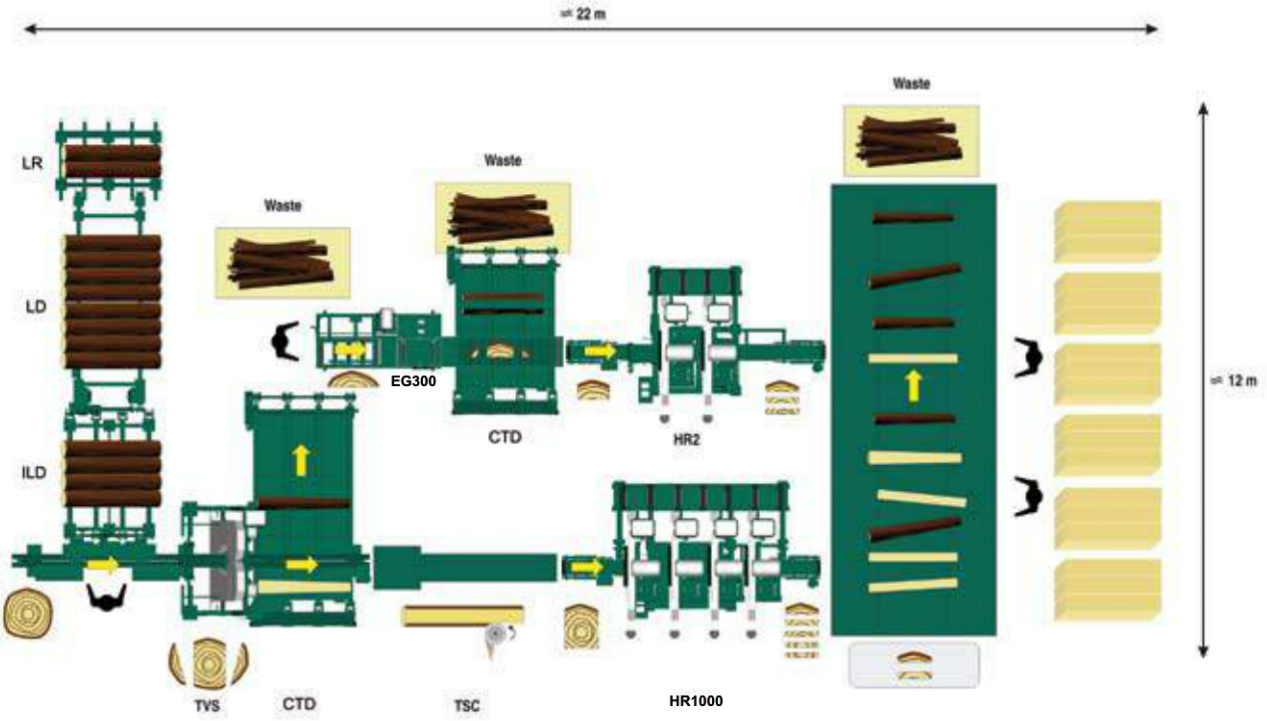
Service

Even the best made machines need to be serviced and repaired. The small log processing line is built to last, but also comes supported by our legendary commitment to customer service. This commitment to customer care is an integral part of our philosophy, whether you are dealing with one of our world-wide distributors, or with one of our Branch Offices.
Buy with confidence, secure in the knowledge that you are forming a partnership with a company that truly cares about you – and your long term success.

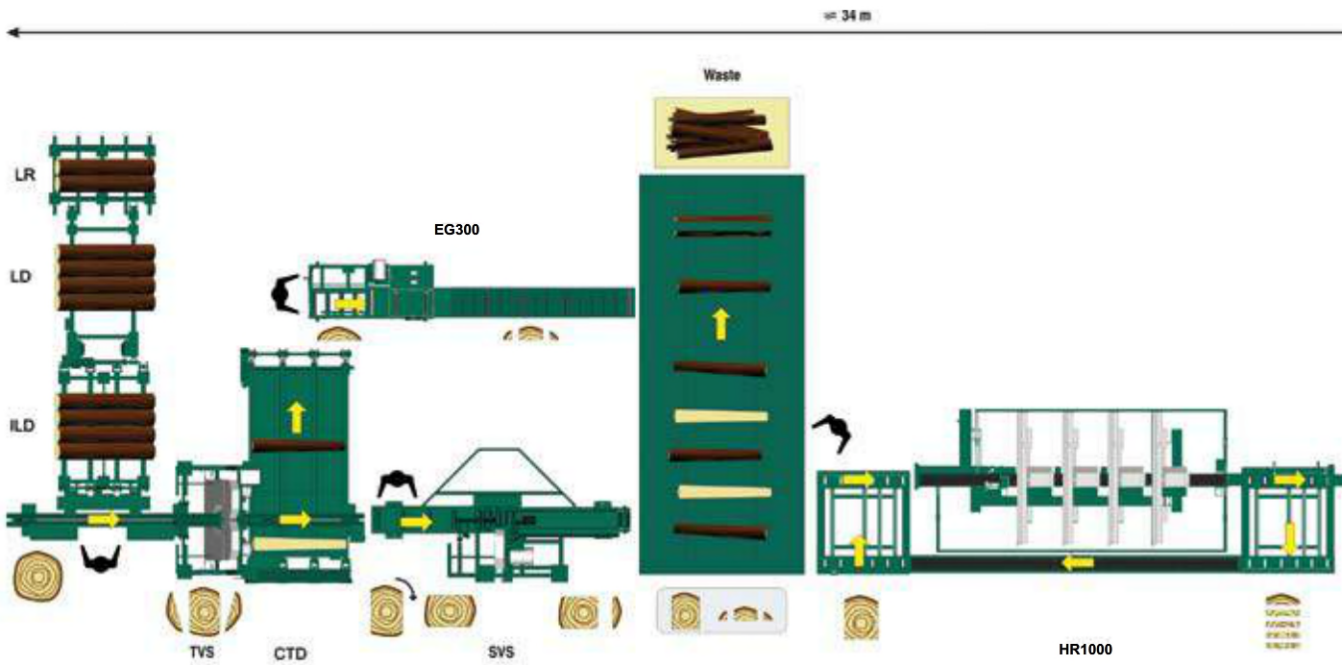
System I



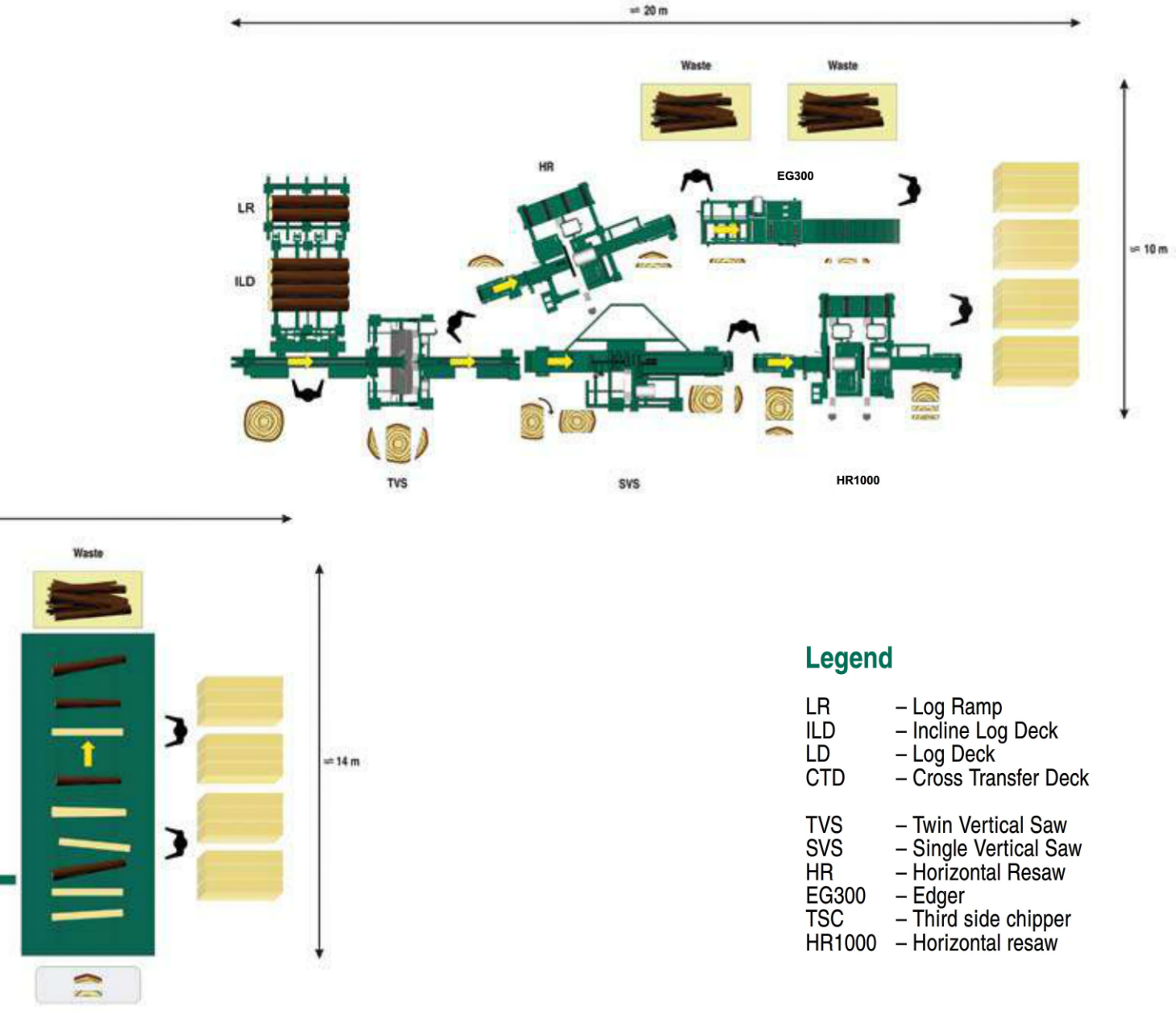
System II



System III



System IV



Legend

LR	– Log Ramp
ILD	– Incline Log Deck
LD	– Log Deck
CTD	– Cross Transfer Deck
TVS	– Twin Vertical Saw
SVS	– Single Vertical Saw
HR	– Horizontal Resaw
EG300	– Edger
TSC	– Third side chipper
HR1000	– Horizontal resaw

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Wood-Mizer
from forest to final form

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Doc. Ref. 01/2011 PS350EUR

* All specifications subject to change without notice.