

REINHARDT

www.cross-cut.de

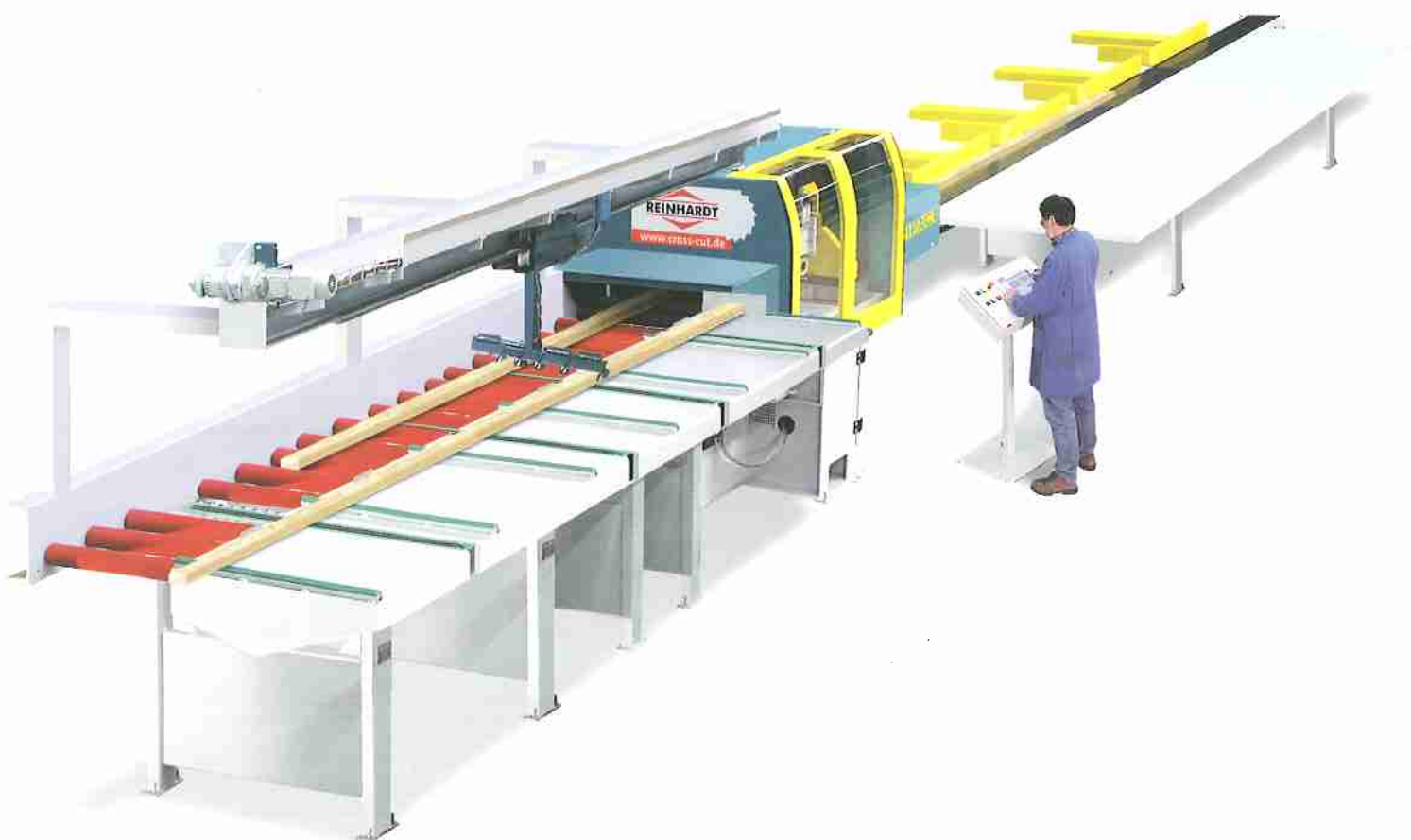
VARIO LINE COMPACT

Optimizing and cross-cut on smallest footprint

The **VARIO LINE COMPACT** enables the full performance circumference of the **VARIO LINE** on smallest footprint. Equipped with a special gauging station, marking, read-in and data transfer into the machine is solved very compact. An ideal solution, whenever the space is not suited for the long **VARIO LINE**.

On the **evaluation table** the damaged spots on the work pieces are marked, while the **manoeuvrable gauging unit** already measures the work pieces via laser light. Subsequently the work pieces are being transported into the machine for further processing automatically.

Identically to the **VARIO LINE** the **VARIO LINE COMPACT** is equipped with a run-out conveyor belt and lateral pushers, adapted to a maximum length of the work pieces and the footprint available.



Technical changes and further development reserved.
In parts optional equipment, which is not included in the standard circumference, is being displayed.

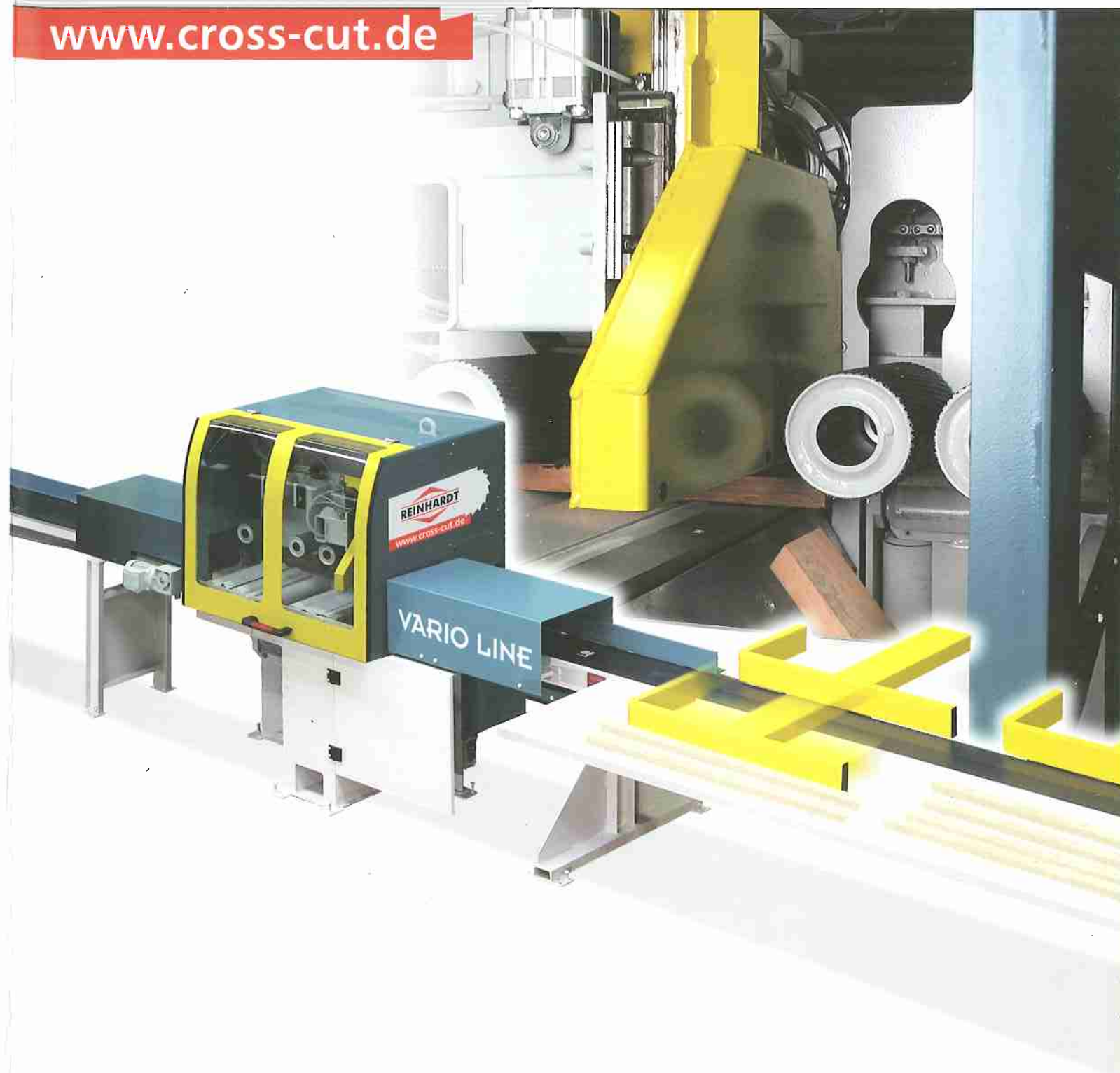
REINHARDT

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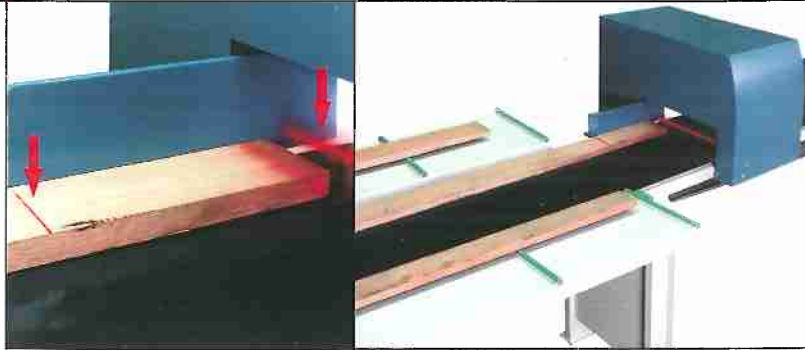
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VARIO LINE

The high-performance, automatic cross-cut machine
with roll feed system for edged work pieces

Reading station on through feed version



The operator marks the defects on the workpieces and places them on the conveyor belt. The reading station scans the workpiece as it passes through and identifies the defects and determines the lengths to be cut.

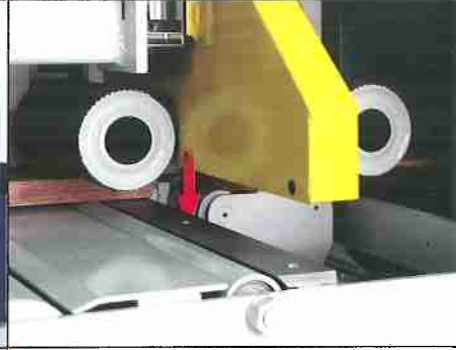
Roll feed system



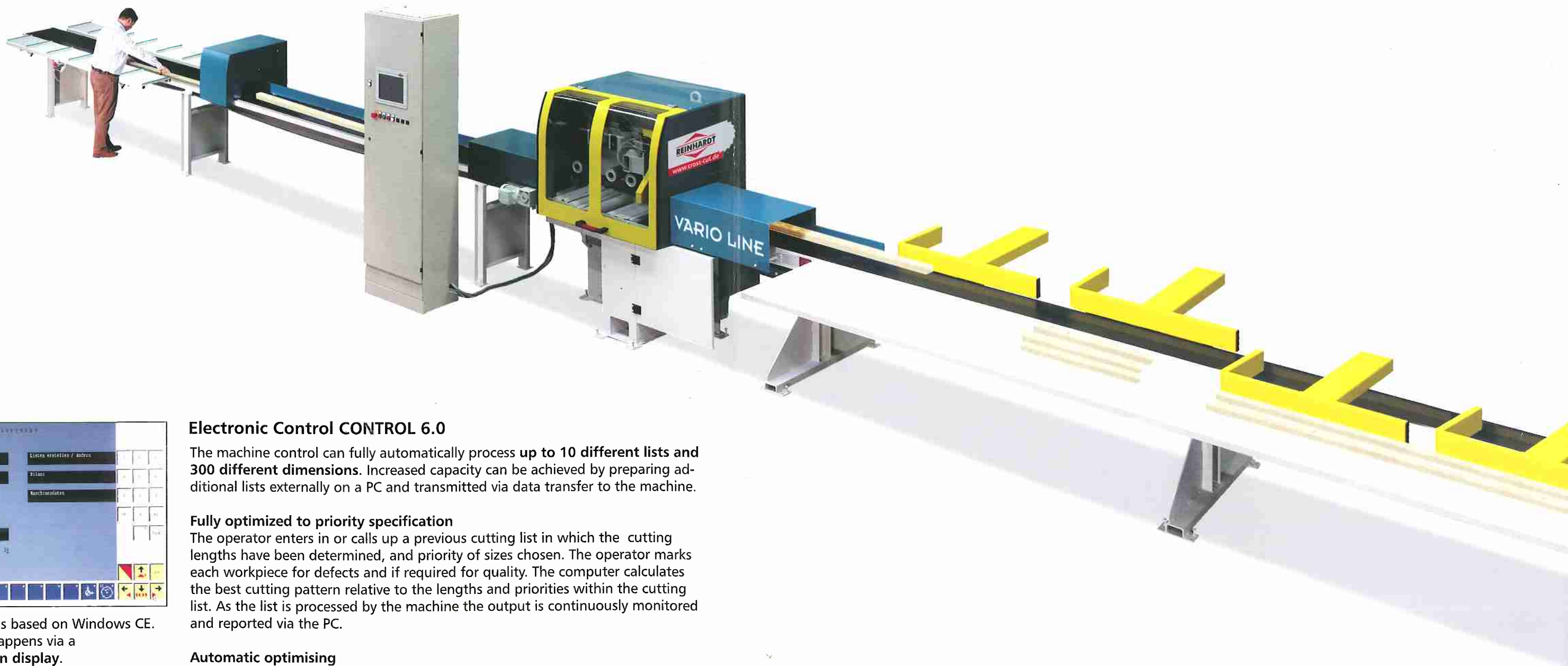
The feed rolls automatically adapt to each work pieces' thickness. Different thicknesses can be processed directly one after another.

Chequered rolls, optionally plastic coated rolls, guarantee a fast, precise and safe transport of the work pieces.

Sawing unit



The cutting speed is adjustable steplessly (cutting time < 0.1 sec). During the cut downholders safely fix the work pieces.



Electronic Control CONTROL 6.0

The machine control can fully automatically process up to 10 different lists and 300 different dimensions. Increased capacity can be achieved by preparing additional lists externally on a PC and transmitted via data transfer to the machine.

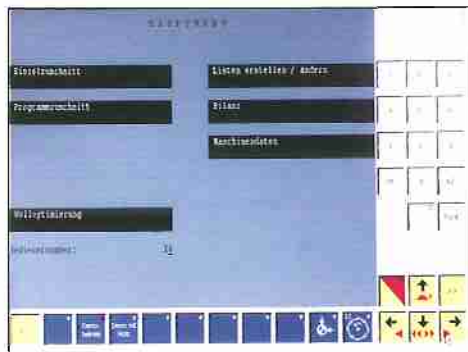
Fully optimized to priority specification

The operator enters in or calls up a previous cutting list in which the cutting lengths have been determined, and priority of sizes chosen. The operator marks each workpiece for defects and if required for quality. The computer calculates the best cutting pattern relative to the lengths and priorities within the cutting list. As the list is processed by the machine the output is continuously monitored and reported via the PC.

Automatic optimising

Productivity is processed automatically.

- throughput
- percentage yield
- percentage cut
- machine workload



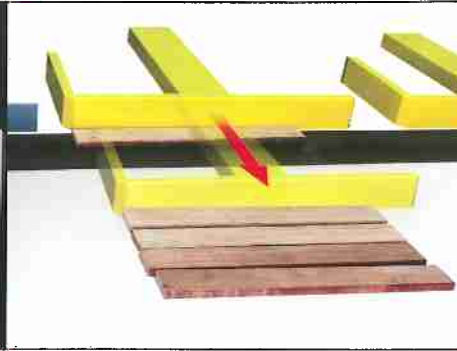
The control is based on Windows CE. Operating happens via a touch-screen display. EDP knowledge is not required.

Discharge of waste



The lower pair of rolls swerves away automatically, when the machine has to cut clipping pieces. For yield work pieces the pair of rolls stays in place. Also short yield work pieces are thus being transported safely.

Sorting the clippings

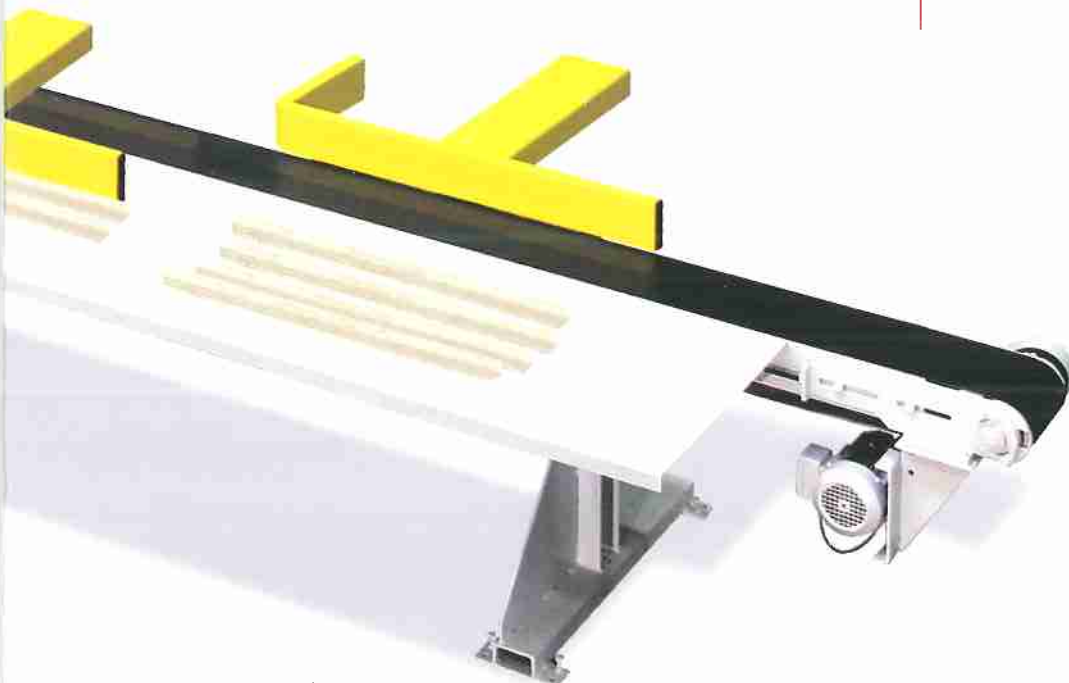


The yield work pieces are pushed neatly onto the freely definable, pre-defined storage places. Long work pieces can be pushed with two or more pushers simultaneously.

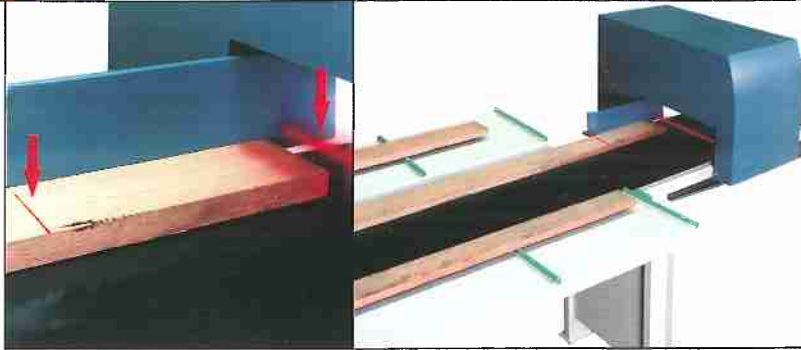
VARIO LINE

Highest possible efficiency for optimizing and cross-cut

- **Highest yield and highest possible added value**
- **Low personnel requirement**
- **Maximum wood throughput**
- **Fully automated height adjustment**
- **Functional waste discharge**
- **Robust pushing system**
- **Neat placing of clippings**
- **Individual adaptations to customer specific requirements possible**



Reading station on through feed version

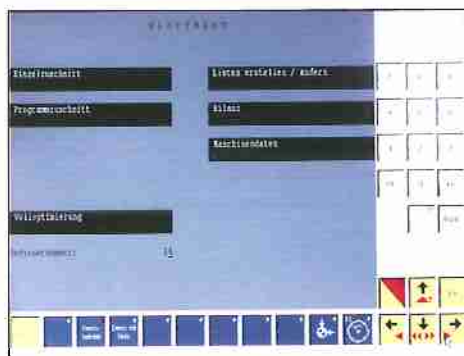
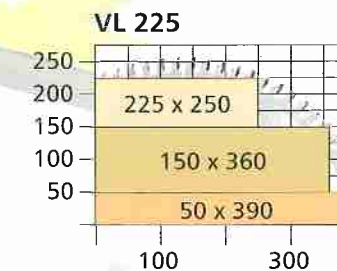
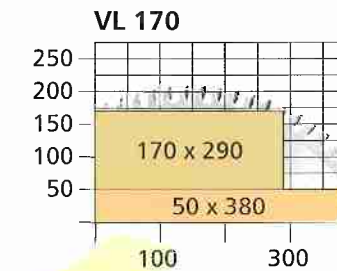
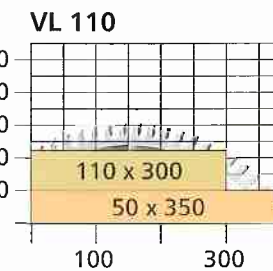


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VARIO LINE Performance Data

VL 110	Saw Motor Power:	5,5 kW
	Speed:	3.600 rpm
	Tungsten Carbide sawblade:	Ø 500 x 5 x Ø 30 mm
	Sawblade Number of teeth:	72
VL 170	Saw Motor Power:	7,5 kW
	Speed:	2.800 rpm
	Tungsten Carbide sawblade:	Ø 600 x 5 x Ø 30 mm
	Sawblade Number of teeth:	72
VL 225	Saw Motor Power:	11 kW
	Speed:	2.800 rpm
	Tungsten Carbide sawblade:	Ø 700 x 5 x Ø 30 mm
	Sawblade Number of teeth:	72



Electronic Control CONTROL 6.0

The machine control can fully automatically process **up to 10 different lists and 300 different dimensions**. Increased capacity can be achieved by preparing additional lists externally on a PC and transmitted via data transfer to the machine.

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