

CURSAL

CROSS-CUT SAWS - OPTIMIZING SYSTEMS - LOAD/UNLOAD AUTOMATIONS

**PUSH FEED
CROSS-CUT SAWS**
series

TRSI

CROSS-CUT SAWS

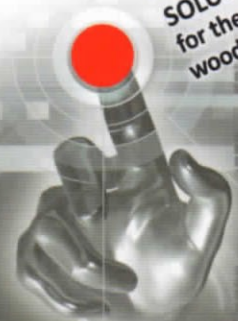
AUTOMATIONS

For
OPTIMIZED CUT •
 with defects qualities selection
PROGRAMMED CUT of •
 fixed length cutting -
 measures sequence
 for single planks/packets

Cross-cut saws - Automations



**CROSS-CUTTING
SOLUTIONS**
for the solid
wood industry



MONOBLOCK INCORPORATED PUSH-SYSTEM

Push-feed system: strategic choice

AUTOMATIC, CHEAP, SIMPLE AND INTUITIVE TECHNOLOGY, (skilled staff is not needed). Depending on your needs, the TRSI can be provided for:

- fixed length cutting
- optimization

ACCESSORIES



and it can be used in several FIELDS

> **PACKAGING**

cutting to size for single plank or in packages, also perfect for cutting squares

> **DOORS/WINDOWS**

optimizing and selecting qualities and defects

> **FURNITURE**

the precision allows it to cut semi-finished with finished cutting

The range of Cursal professional push feed cross-cut saws are the solution to increase production factory, greatly reducing times and costs

• **NC RAPID EJECTOR (2/100 OF SEC).**

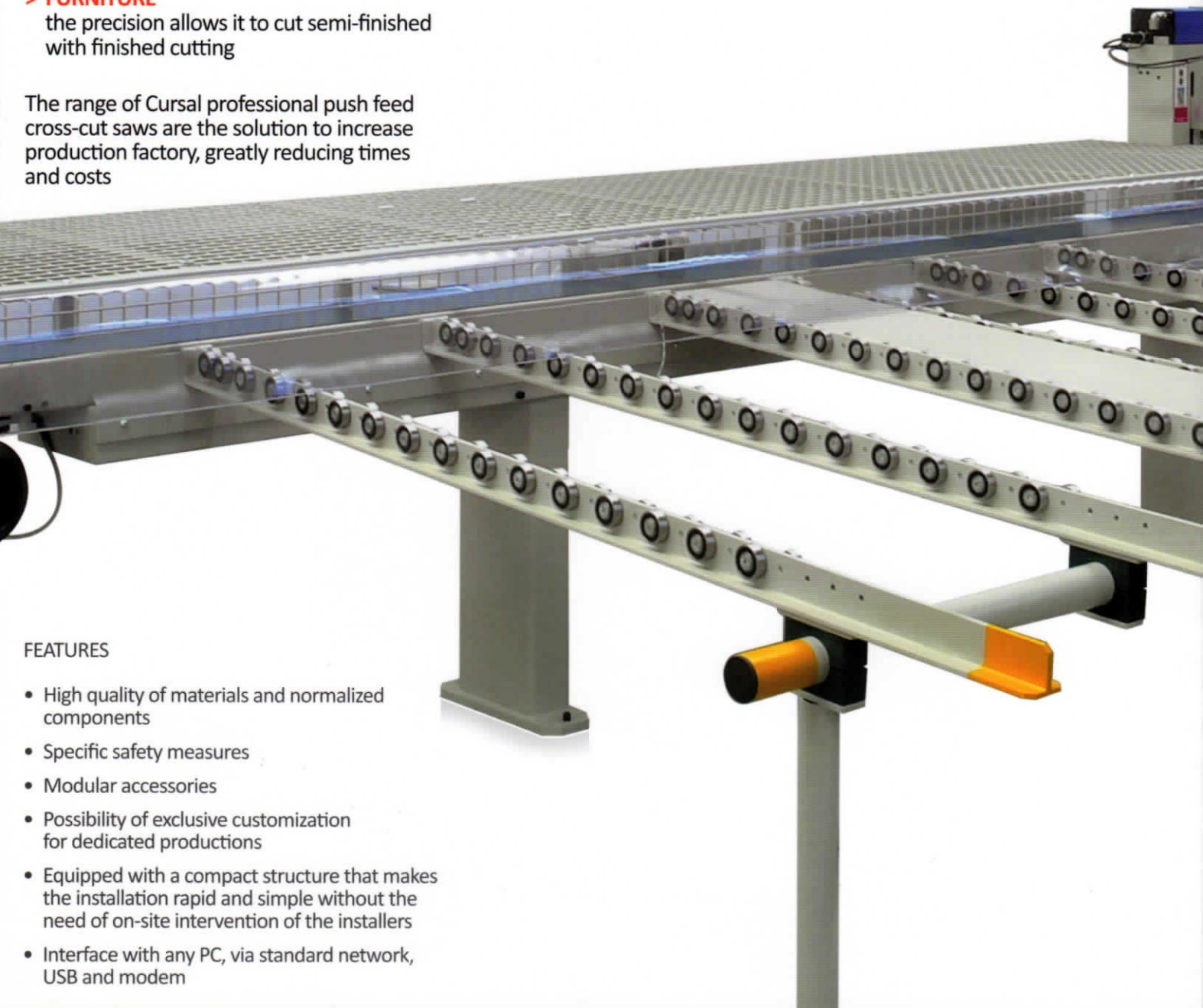
Each ejector can target different lengths, widths and qualities, without constraints.

• **NO – CONTACT EJECTOR WITH HIGH SPEED.**

Specific for pieces with lengths from 100 to 300 mm and light pieces with sanded/painted surfaces

• **EJECTOR FOR PACKETS OF PLANKS.**

Each ejector can target different lengths



FEATURES

- High quality of materials and normalized components
- Specific safety measures
- Modular accessories
- Possibility of exclusive customization for dedicated productions
- Equipped with a compact structure that makes the installation rapid and simple without the need of on-site intervention of the installers
- Interface with any PC, via standard network, USB and modem

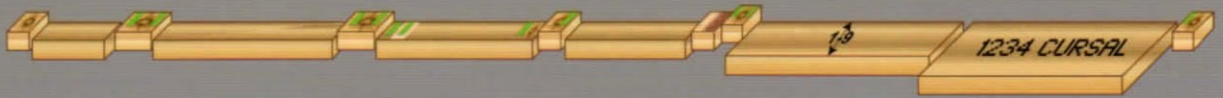


- **PRINTER WATER-BASE** TO CLASSIFY THE CUT PIECES (it prints alphanumerical codes)
- **PRINTER FOR LABELS** MANUAL OR AUTOMATIC VERSION (it prints bar codes)

- **LOADER: single planks / packets / double packets** Automatic horizontal feeder with chains and with or without device for singularization, suitable for push-system. Group of chains with variable distance for loading and approaching of the planks to the guide. Device for singularization to feed square-edged planks



COMPLETE SOFTWARE 100% MADE IN CURSAL FOR A FULL OPTIMIZATION WITH THE OPTIMAL USE OF THE RESOURCE TIMBER



Cursal software features

FIXED LENGTH CUTTING

- Fixed cutting measures
- Measures sequence

OPTIMIZED CUT

- OL version: random length cutting
- E version: full optimization with defect removal.
- **Different optimization priorities.** Different optimization priorities • Price priority • Waste priority • Quantity priority • Length priority • Mixed
- SOFTWARE FOR INTEGRATED MANAGEMENT WITH CUSTOMERS' SYSTEMS WITHOUT ADDITIONAL INTERFACES
- INTERNET ON-LINE SERVICE



Safety standards for the entire range of the TRSI

- Mechanical protection by optical barriers class 2 (See above)
- Total protection
- Access door to parts in motion, protected by safety micro switch with forced opening
- Cylinders with rubber sine-blok to reduce noise
- Motor blade with quick shutdown (less than 10 sec.)
- Drop air lubricator. Keeps the oil from nebulizing in breathable air
- Safety limit switch that protects the total opening
- Exhaust pipe at the rear of the machine that does not allow the access to the blade



Solid cutting unit to handle packages and mouldings with maximum speed and precision

- Strong aligner with incorporated and silenced blower
- Pneumatic clamp with movement on linear re-circulating ball carriages and guides
- Multiple dampened rubberized wheels and wet-type clutch to avoid skidding

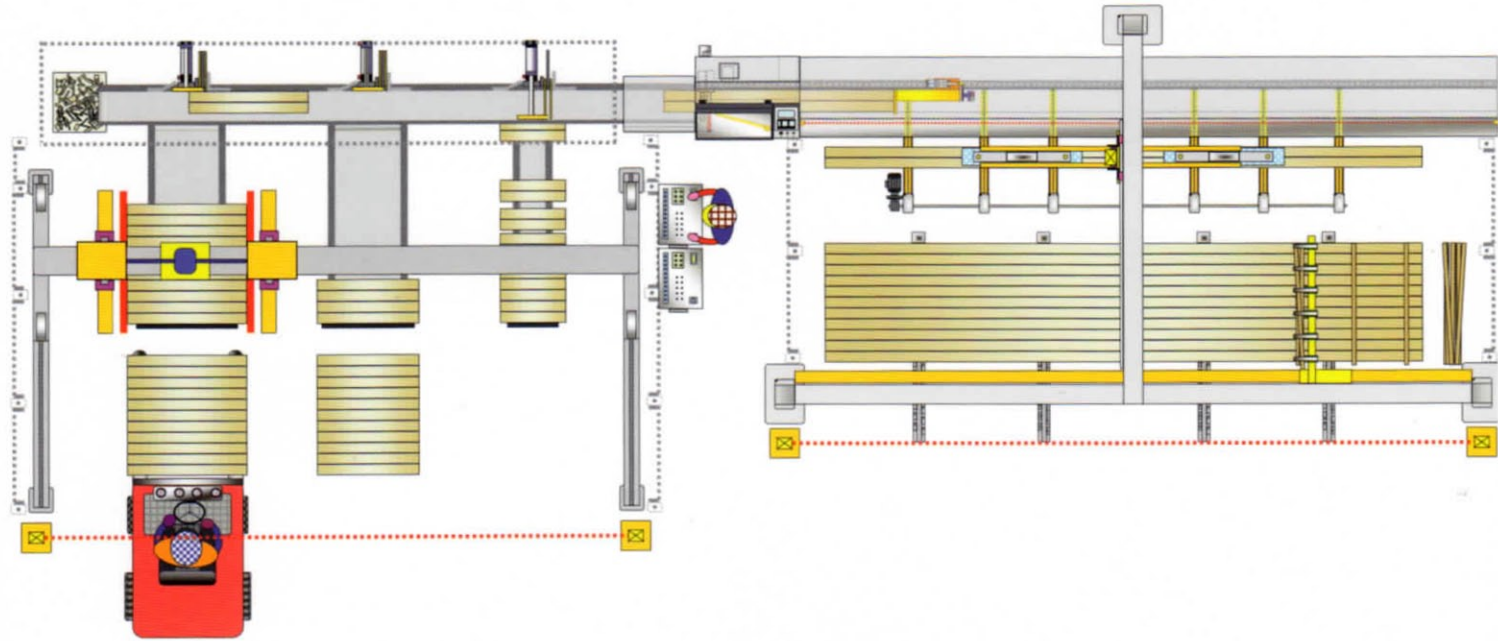


Push-system movement

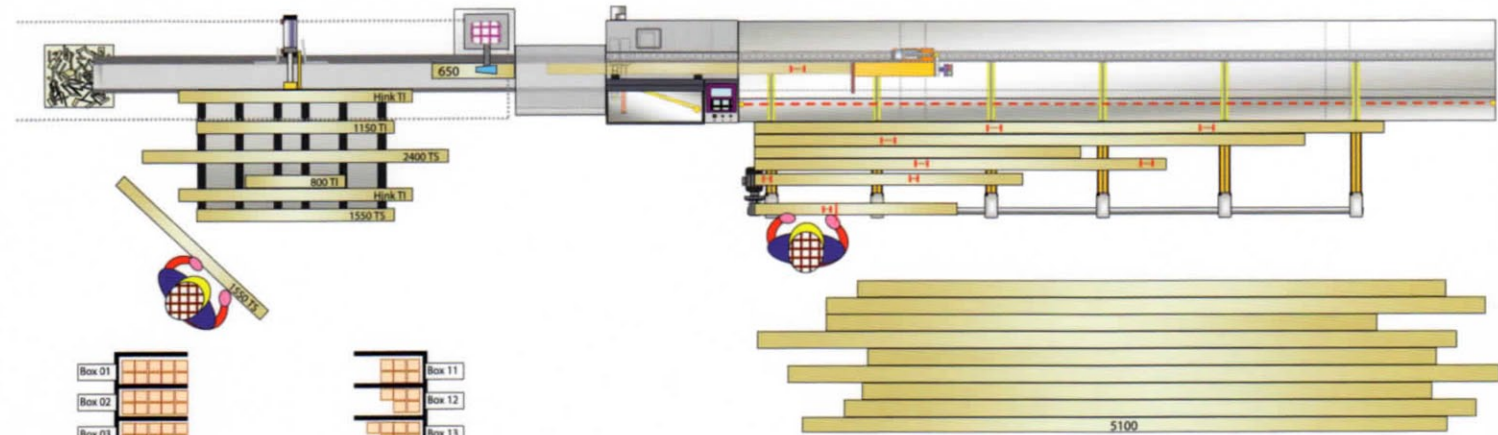
- The rapid movement of the push-system takes place on re-circulating ball steel guide with sliding double carriage by means of brushless motors
- INCREASED STRENGTH = MORE PRECISE SLIDING
- Push-system with pneumatic lift and a completely protected stroke and widely visible

OPTIMAL COVERAGE OF ALL SECTORS, FROM THE PACKAGING TO THE DOORS AND WINDOWS

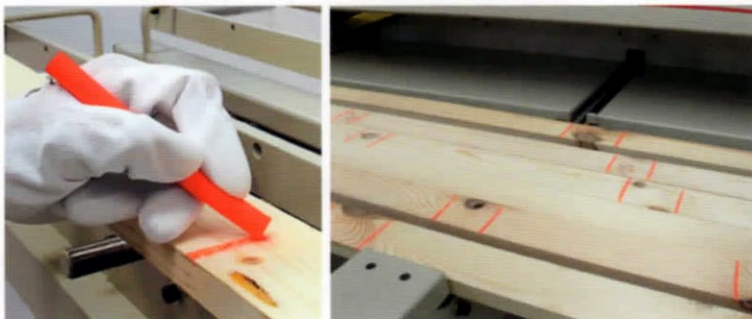
TRSI AP fixed length cutting with automatic load/unload (Cursal Automations)



TRSI E optimizing cross-cut saw version used for selection of qualities and defects



Box 01		Box 11
Box 02		Box 12
Box 03		Box 13
Box 04		Box 14
Box 05		Box 15
Box 06		Box 16
Box 07		Box 17
Box 08		Box 18
Box 09		Box 19
Box 10		Box 20

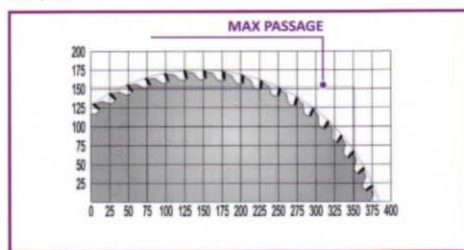




Standard technical data

Model	Power	Blade	Working height surface	Dust outlet \varnothing	Compressed air consumption	Average noise level on operator	Max. forward speed	Cutting height on the guide
	(KW)	mm.	mm.	mm.	nl/min.	DBA	mt./min.	H mm.
TRSI	3 / 4 / 5,5	\varnothing 500 \varnothing 35 Z/120	900 \pm 20	120 + 80	150	< 80	100 + 250	125

TRSI \varnothing 500



Agent

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