

CURSAL

Crosscutting Solutions for the Solid Wood Industry

**PUSH FEED
CROSS-CUT SAWS
series**

TRSI Ø 500

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



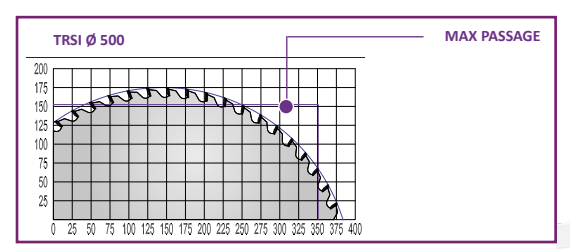
Wood industry experts choose Cursal

Add a Cursal loading Vacuum for a NON - STOP production Less stress, more yield!



Standard technical data

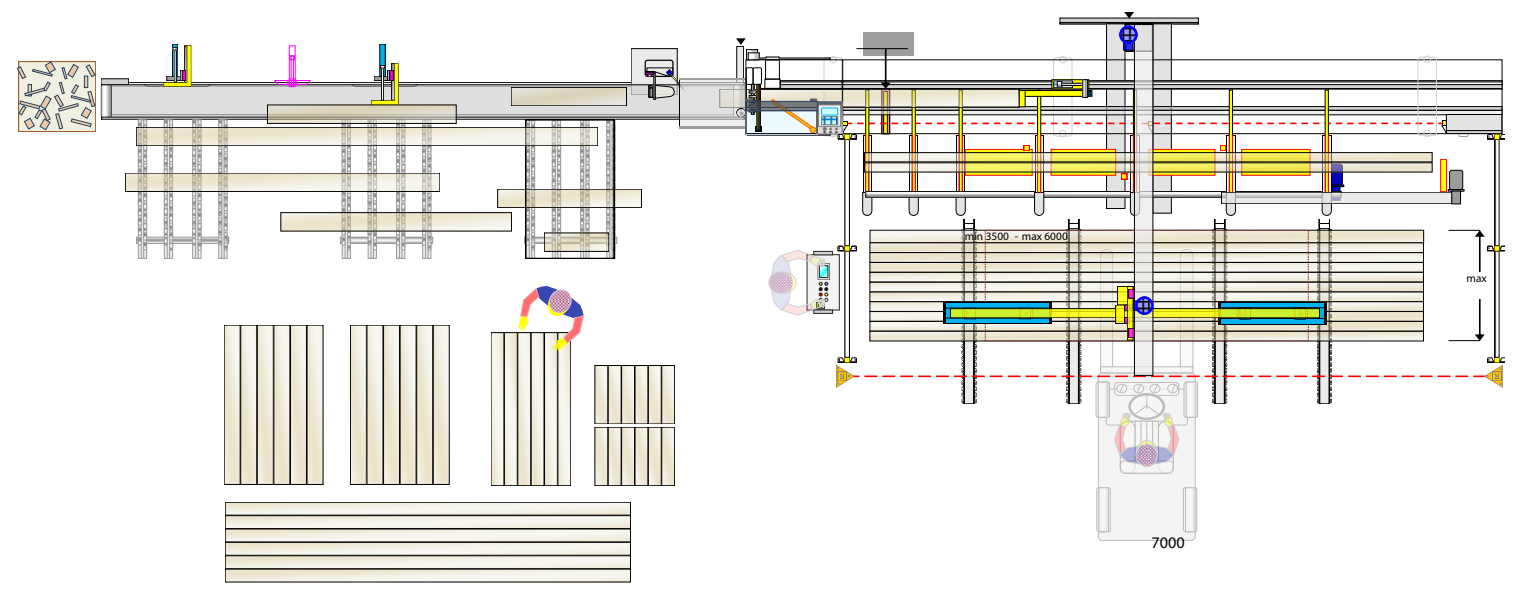
Model	Power (KW)	Blade (mm. Ø 500 / Ø 35 Z/120)	Working height surface (mm. ±20)	Dust outlet Ø (mm. 120 + 120)	Compressed air consumption (nl/min.* 180)	Average noise level on operator (DBA < 80)	Max. forward speed (mt./min. 100 + 250)	Cutting height on the guide (H mm. 125)
TRSI Ø 500	4 / 5,5	Ø 500 / Ø 35 Z/120	900 ±20	120 + 120	180	< 80	100 + 250	125



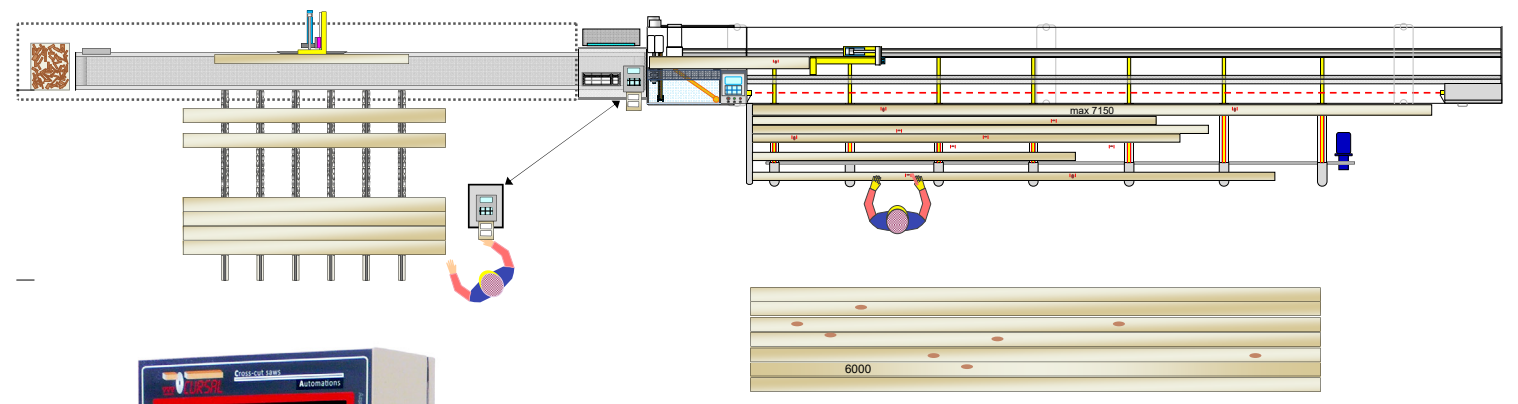
The manufacturer reserves the right to make changes without prior notice. This brochure cancels and replaces the previous ones

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

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



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



www.cursal.com - info@cursal.com
Cursal s.r.l. via Bradolini, 38/a - 31020 San Fior (TV) Italy
tel. +39 0438 400963 - fax +39 0438 401851

Dealer

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

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

UNLOADING ORGANISATION

- **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

MATCHING AUTOMATIC PRINTERS

- **PRINTER WATER-BASE TO CLASSIFY THE CUT PIECES** (it prints alphanumeric codes)



- **SUBLIMATION PRINTER**



Série: 0845-4-1 N° 0052
EPICEA NATUREL Q: 3-2
Ouvrant B Long. 1650 x Larg. 98 x Ep. 65

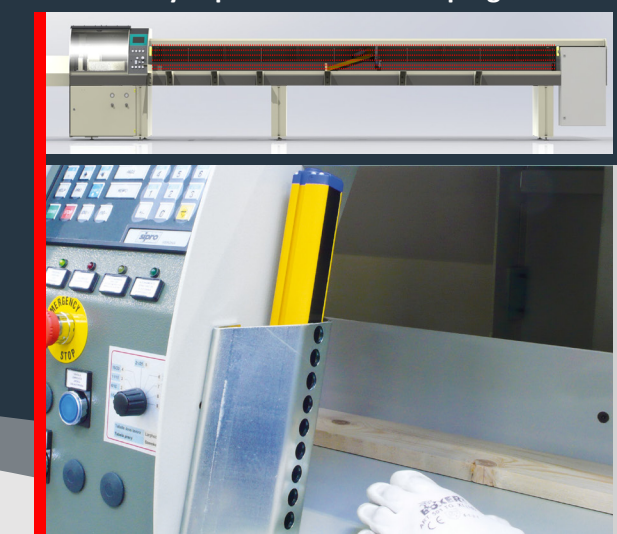
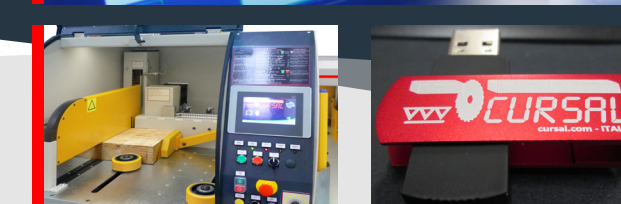
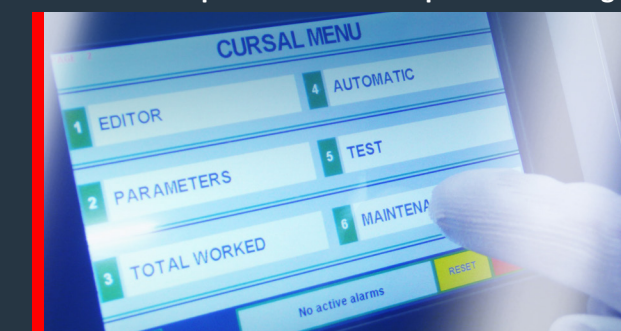
- **LABELS PRINTER**
Pre-formatting of fixed / variable fields

STOP WASTING TIME WITH OUR CUSTOM-MADE LOADER

- **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

COMPARE AND EVALUATE CURSAL ADVANTAGES

The powerful optimizer CURSAL allows you to obtain the **maximum performance from your wood**. **360° optimization**, guaranteed in every production context, can be realized thanks to the constant development of the optimization algorithm made by specialised Cursal programmers.



Cursal software features:

- **PREDEFINED CUT** Sequences of fix measures
- **OPTIMIZED CUT** - OL version: optimization focused on the lenght - 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**
- Possibility of online **remote assistance**
- **TOUCH SCREEN HD - DATA IMPORT ALSO WITH USB**
- **Industrial Computer CNC:** guarantee of correct functioning without production stops

Safety standards for the entire range of the TRSI

- Safety in Cursal is at higher levels, as result of specialization and a **CONTINUE ADVANCED SEARCH**
- 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. It avoids the nebulization of the oil 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



Id	L (mm)	H (mm)	Cod Tipo	N°Pezzi	Quantà	N°Espulsores	Valore	Pezzi Prod
1	1000	50	3	300	1	1	5	242
2	400	50	1	50	1	1	1	50
3	600	50	1	50	1	1	2	50
4	800	50	1	50	1	1	3	46
5	1000	50	1	50	1	1	3	50
6	1200	50	1	50	1	1	3	21
8	1400	50	1	50	1	1	4	50

Priorità **Quantà** **Avvia Produzione** **Ferma Produzione** N° Listati **10**

Barre in Lavorazione N° Barra **7** **5**

0,0 6045

OPT: Integrated drilling system



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