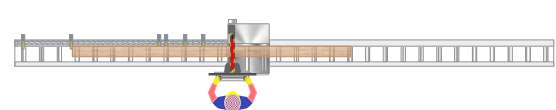


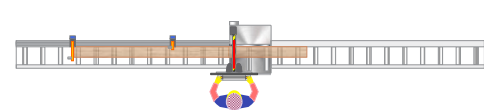
EXAMPLES OF POSSIBLE CONFIGURATIONS: convert the line from basic to super equipped. Put TVM - TOM in line with LOG SAWS and MULTI-RIP SAWS

**TVM Ø 400 - Ø 500**

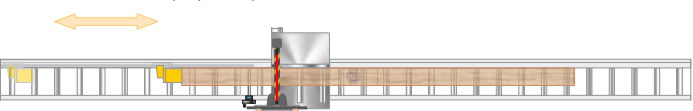
TVM 400 + selector stops



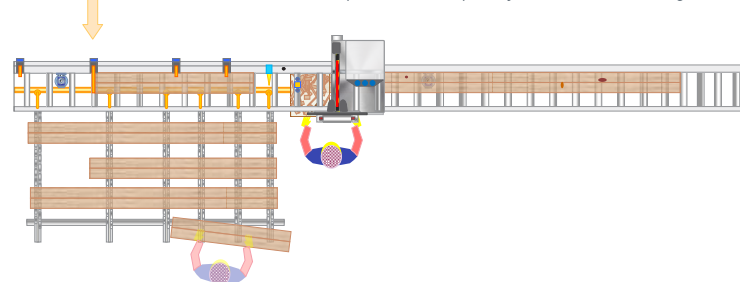
TVM 400 + manual stops



TVM 500 + displayer stop

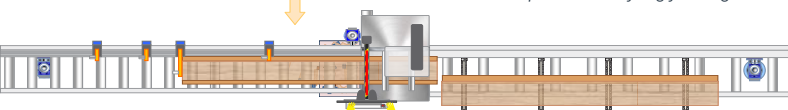


TVM 500 + electro-pneumatic stops + ejection levers + storage

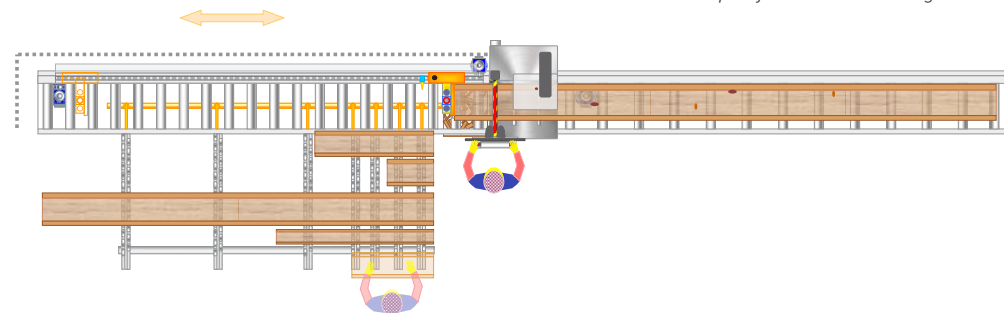


**TVM Ø 600 - Ø 700**

TVM 600 + pneumatic lifting feeding arms + manual stops

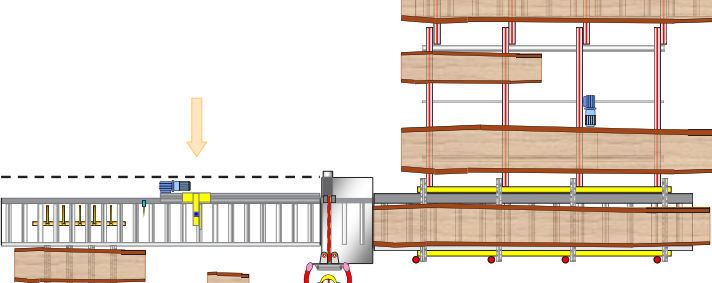


TVM 700 + electronic NC stop + ejection levers + storage



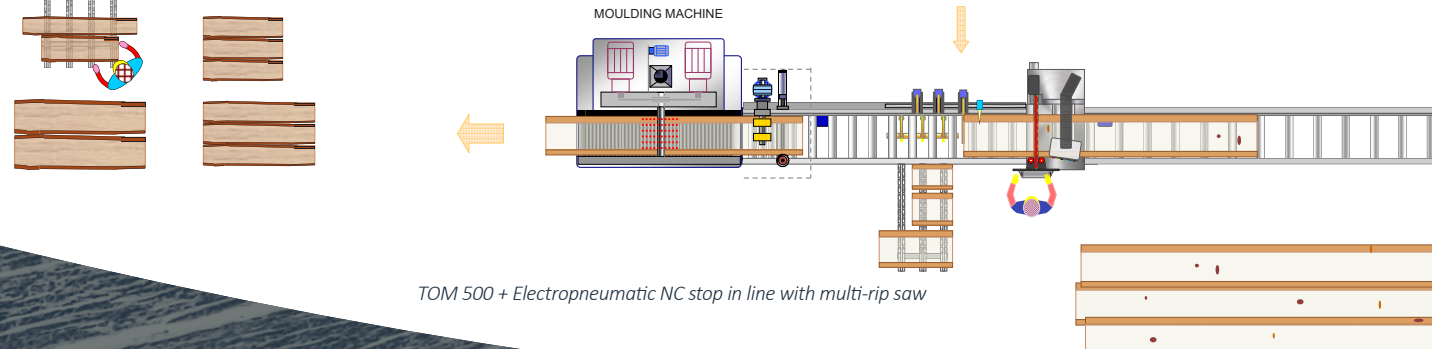
**TOM Ø 500**

LOG SAW



TOM 500 + Cursal transfer system from log saw+ electronic NC stop + ejection levers + storage

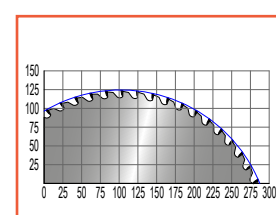
MOULDING MACHINE



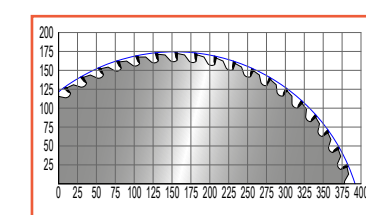
TOM 500 + Electropneumatic NC stop in line with multi-rip saw

**Cutting sections cross-cut saws series TVM: vertical cutting direction, from below**

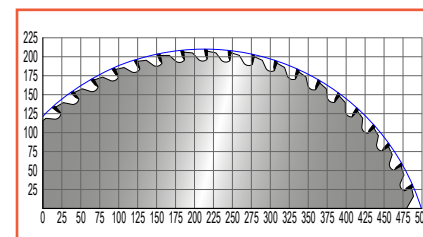
TVM Ø 400



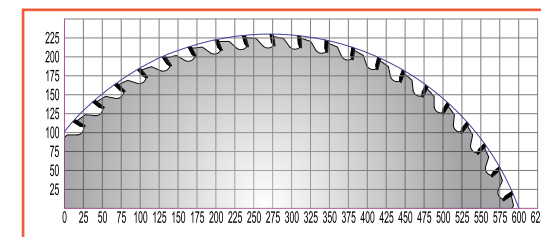
TVM Ø 500



TVM Ø 600

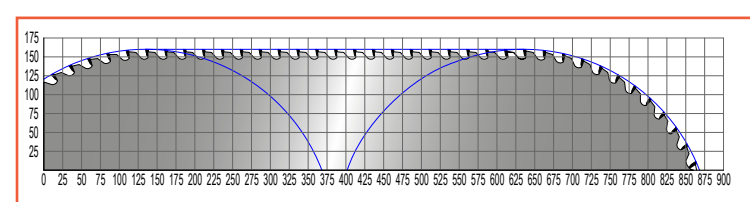


TVM Ø 700



**Cutting sections cross-cut saws series TOM: both vertical and horizontal blade translation**

TOM Ø 500 - 800



**Standard technical data**

Model	Power (KW)	Blade mm.	Working height surface mm.	Compressed air consumption nl/min.	Average noise level on operator DBA
TVM 400	2,2 / 3	Ø 400 Ø 30 Z/120	900	100 ÷ 200	<80
TVM 500	4 / 5,5	Ø 500 Ø 30 Z/120	900	100 ÷ 200	<80
TVM 600	7,5/9,2	Ø 600 Ø 35 Z/96	900	150 ÷ 250	< 81,5
TVM 700	9,2 / 11	Ø700 Ø 40 Z/80	900	150 ÷ 250	< 82,5
TOM 500	9,2 / 11	Ø 500 Ø 35 Z/120	900	300 ÷ 500	<83

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

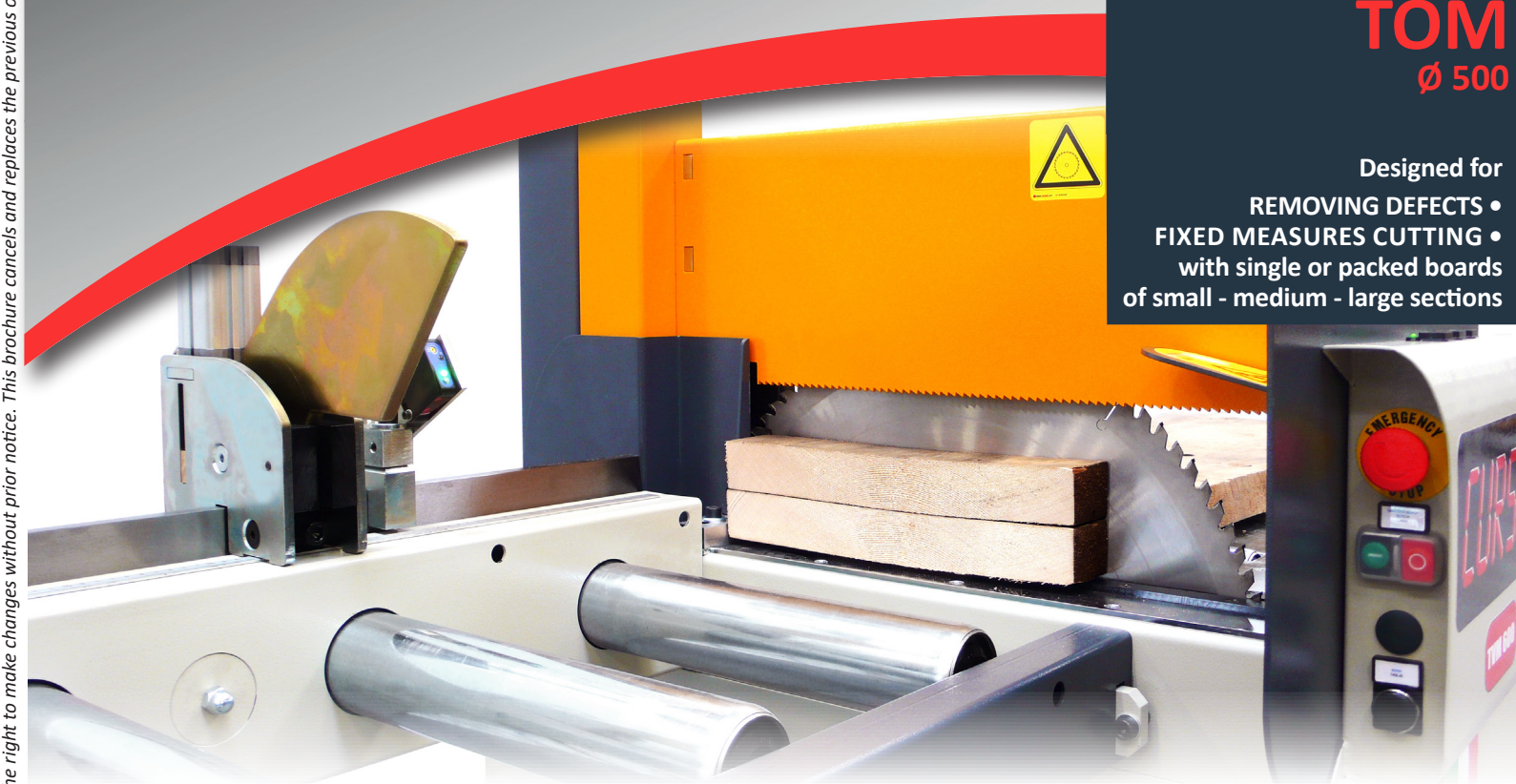


Crosscutting Solutions for the Solid Wood Industry

**SEMI-AUTOMATIC  
CROSS-CUT SAWS  
the NEW series**

**TVM**  
Ø 400-500-600-700  
**TOM**  
Ø 500

Designed for  
REMOVING DEFECTS •  
FIXED MEASURES CUTTING •  
with single or packed boards  
of small - medium - large sections



Dealer

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 info@cursal.com

**Wood industry experts choose Cursal**

WITH THE EXPERIENCE of more than **3000** MANUFACTURED LINES, Cursal introduces the **NEW SERIES** of semi-automatic **RAPID** cross-cut saws



**Fac totum cross-cut Saws for Small - Medium - Large sections**

Handyman cross-cut saws that can quickly eliminate knots and flaws from countless varieties of woods.

**> TVM 400 - 500**  
Ideal for cutting boards, (single or in packs), of medium small sections. They are often combined with selecting stops - manual stops - displayer stops and electro-pneumatic ones

**> TVM 600 - 700**  
Used when dimensions become important and speed / robustness are required. They are often combined with electro-pneumatic stops or the easy CNC stop, where great size flexibility is required.

**> TOM 500**  
TOM PURPOSE: INCREASE the production, REDUCING times and costs in the SAW MILL SECTOR. TOM 500 – generally in line with log saws and multi-rip saw – is THE CUTTING SOLUTION with the biggest sizes section produced by CURSAL.

**DETAILS THAT MAKE A DIFFERENCE IN THE LONG PERIOD: THE REAL SAVING**

- Moulded parts cut by laser with ergonomic shape and rounded edges both externally and internally
- Electrical plant with control circuit of safety devices during every cycle
- Safety limit switch with forced opening and unique leaded key
- Motor blade with quick shutdown (less than 10 sec.)
- Sturdy presser for clamping the flanked packages
- Drop air lubricator. It avoids the nebulization of the oil in breathable air
- Cylinders with rubber sineblok for reducing noise
- Structural very thick working surface, totally chrome plated for a greater solidity and better sliding.

**CURSAL: IT IS WORTH IT**  
• Safety for operator • Ergonomy of production phases • Components long life • Wear compensation of the materials without replacement • Simplified maintenance • Prepared for Cursal accessories and customizations • Price/quality rationalization

**MANUAL STOPS**

- Simple and cheap, used with idle rollers for low frequency works

**SELECTING STOPS**

- To manually remove defects and to obtain accurate prismatic sizes on precious woods

**DISPLAYER STOP**

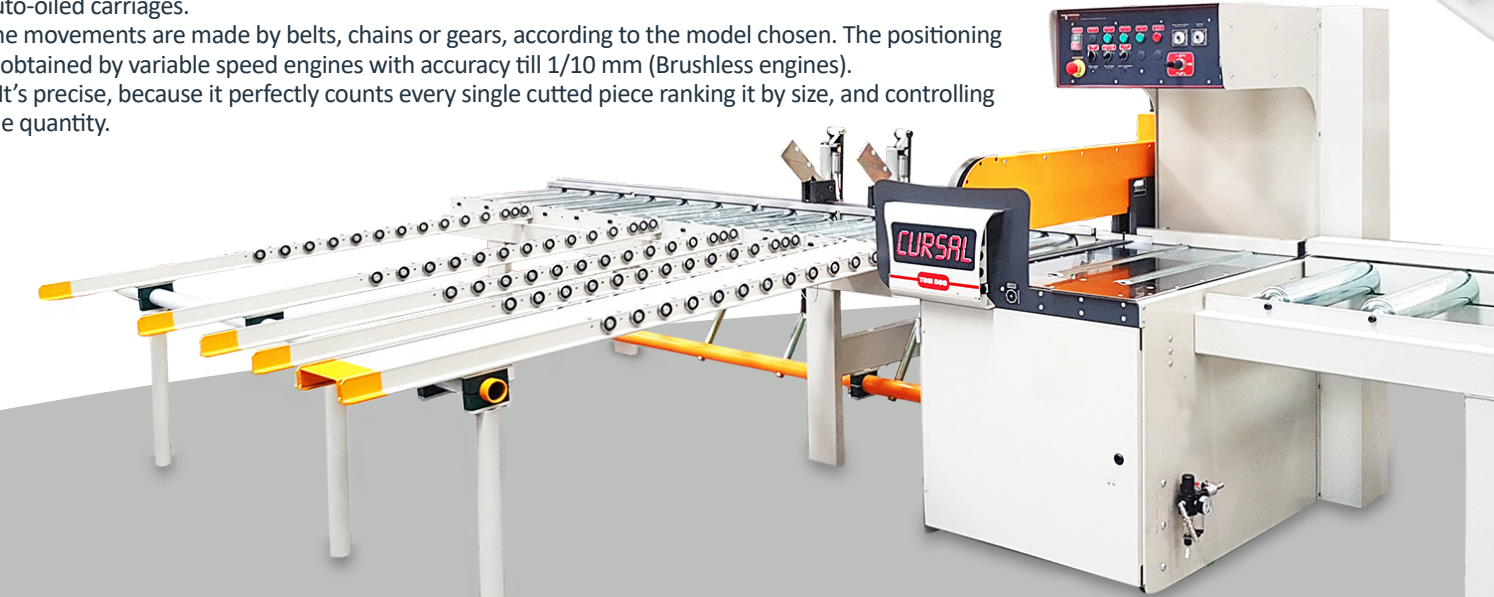
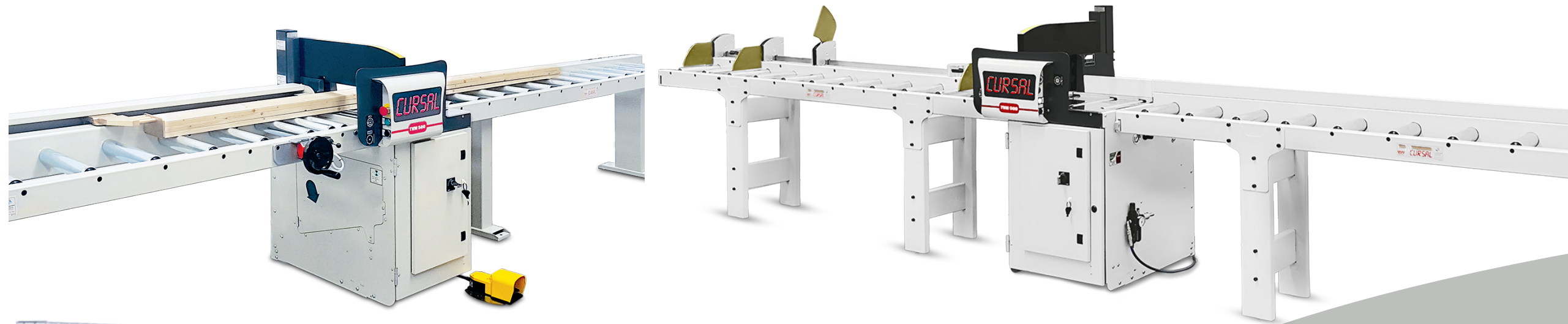
- Flexibility in programmed cutting for single boards or in packs, with fast and accurate movements

**ELECTRO-PNEUMATIC STOPS**

- Pneumatic lift—temporized lowering, or with proximity sensor. It can be used in all sectors in which the size of cutted pieces changes not so frequently

**NC ELECTRONIC STOP**

- It is irreplaceable when the difference between the sizes to cut is small and when the measures change frequently.
  - it's projected in 4 versions, from 75 to 300 Kg. It always runs on recirculating ball guides with 2 auto-oiled carriages.
- The movements are made by belts, chains or gears, according to the model chosen. The positioning is obtained by variable speed engines with accuracy till 1/10 mm (Brushless engines).
- It's precise, because it perfectly counts every single cutted piece ranking it by size, and controlling the quantity.



**NEW GENERATION CROSS CUT SAWS TOTALLY 3D DESIGNED: FOCUS ON TOM Ø 500**  
SUPER saw mill machine for physically hard jobs, it's been adapted to work for a long time in extreme conditions and extreme locations. The blade movements, with both vertical and horizontal translation, are on recycled ball bearings with controlled strokes. This is made, to reduce the work cycle cutting of wet, dry, and bandy boards.

**MULTI ACCESSORIED:** TOM is usually feeded by transfer systems, board turner, lifting arms and in-feeders, to fit in various cycles for the first working process.

In the unloading part, the semi-finished pieces, are ejected on transfer, unloading tables or idle rollers.

**CROSS-CUT SAWS DESIGNED TO ENSURE AN UNBEATABLE PRICE/QUALITY RATIO AND TOTAL COMPLIANCE WITH THE LATEST SAFETY STANDARDS.**

- WIDE USE**  
The whole production of wood semi-finished elements and similar materials: various custom made production, window and door frames, skirting boards and construction, packaging field, sawmill works.
- MODULARITY**  
Thanks to a rich range of dedicated accessories, the TVM-TOM are easy to fit into the most varied production cycles.
- VARIETY**  
Cutting soft/hardwood, moulded, unedged, finished products with sanded surfaces.

