

T2020NC T2030NC

.....
AUTOMATIC PROGRAMMABLE CUT-OFF SAWS

WOOD be nice.



OMEGA

T2020NC T2030NC

AUTOMATIC CUT-OFF SAWS

Automatic cut off saw for defecting and optimized cutting **T2020**. Feeding by 7 corrugated rollers with a maximum speed of 180 m/min and a tolerance on the cut length of +/- 1 mm. Pressure rollers, sitting on pneumatic cylinders, allow the feeding of boards with rough surface and sensible variations in thickness. The control, with operating system Windows XP, is complete and user friendly. On request the cutting line can be completed with a width scanner, a second camera for handling up to 5 grades (3 grades with the only standard camera) an ink-jet printer and with various length sorting systems.

Automatic cut off saw for defecting and optimized cutting **T2030**. Feeding by 11 corrugated rollers with a maximum speed of 240 m/min and a tolerance on cut length of +/- 1 mm. Pressure rollers, sitting on pneumatic cylinders, allow the feeding of boards with rough surface and sensible variations in thickness. The 2 meters distance between the camera and the blade ensures a perfect optimisation keeping a compact structure. The control, with operating system Windows XP, is complete and user friendly. On request the cutting line can be completed with a width scanner, a second camera for handling up to 5 grades (3 grades with the only standard camera) an ink-jet printer and with various length sorting systems. .



T 2020 NC - T 2030 NC
Advanced S500 System on P.C. basis

OPTIONAL



Double sided marking station



Single side sorting unit:
4000 - 6000 - 8000 mm



Out-feed conveyior



Ink-jet printer



For a perfect full optimising process...

The photo-camera, positioned at more than two meters from the saw, allows a high quality optimisation process, on a compact body, and with a limited space requirement.



Cut with preset sequence.



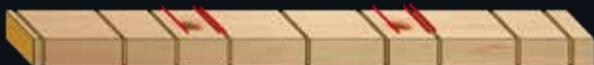
Cutting lists on three grades by marking on same faces.



Optimized cut with 6 different criteria.



WITH SECOND HORIZONTAL READING CAMERA
Cutting lists on five grades by marking on face and edge.



Defecting with trim cut on the two sides.



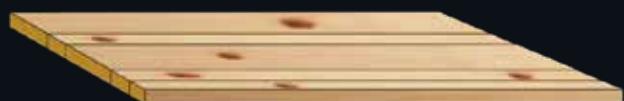
WITH WIDTH SCANNER:
Automatic changing of cutting list according to the width.



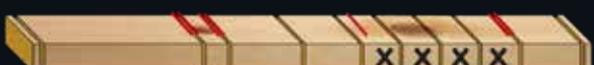
Defecting with trim cut on the two sides.



Waste recovery for finger jointing (•).

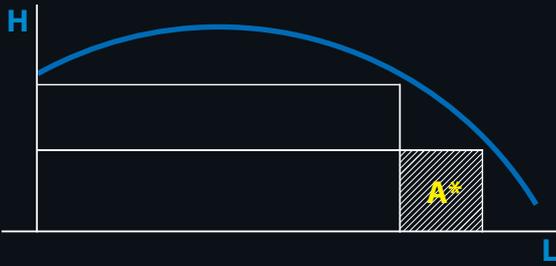


WITH WIDTH SCANNER:
Automatic board width composing.



Cutting lists on three grades by marking on same faces (X).

T 2020 NC / T 2030 NC



mm (L x H) 220 X 90

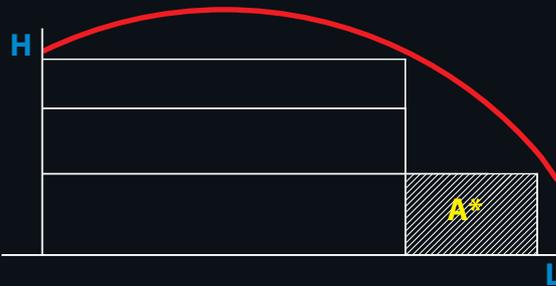
standard Ø 450

A* 270 x 50

A*

For width bigger than 220 mm, it is necessary to agree the special version of the sorting unit.

The minimum length at infeed is 600 mm

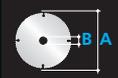


mm (L x H) 220 X 120

optional Ø 500

A* 300 X 50

On demand and upon agreement with the manufacturing company, it is possible to cut widths smaller than 30 mm and/or heights lower than 20 mm.



mm
RPM

A = 450 - Optional 500

B = 35
3000



kW

5,5
Optional 7,5

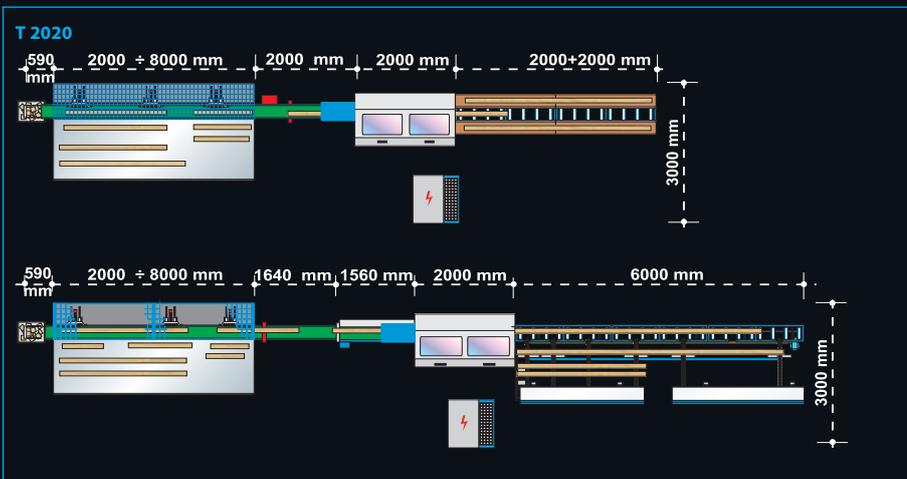
Feed speed
Max. 240 m/min - 5,5 kW



Ø mm

200

"Typical" line



2900204576.01

OMGA Industries, Inc.

3705 William Richardson Drive
South Bend, IN 46628
USA

Tel.: +1 (574) 243-0120

Fax: +1 (574) 243-0216

Toll Free: 1-800-233-OMGA (6642)

E-mail: info@omgainc.com

WWW.OMGAINC.COM

