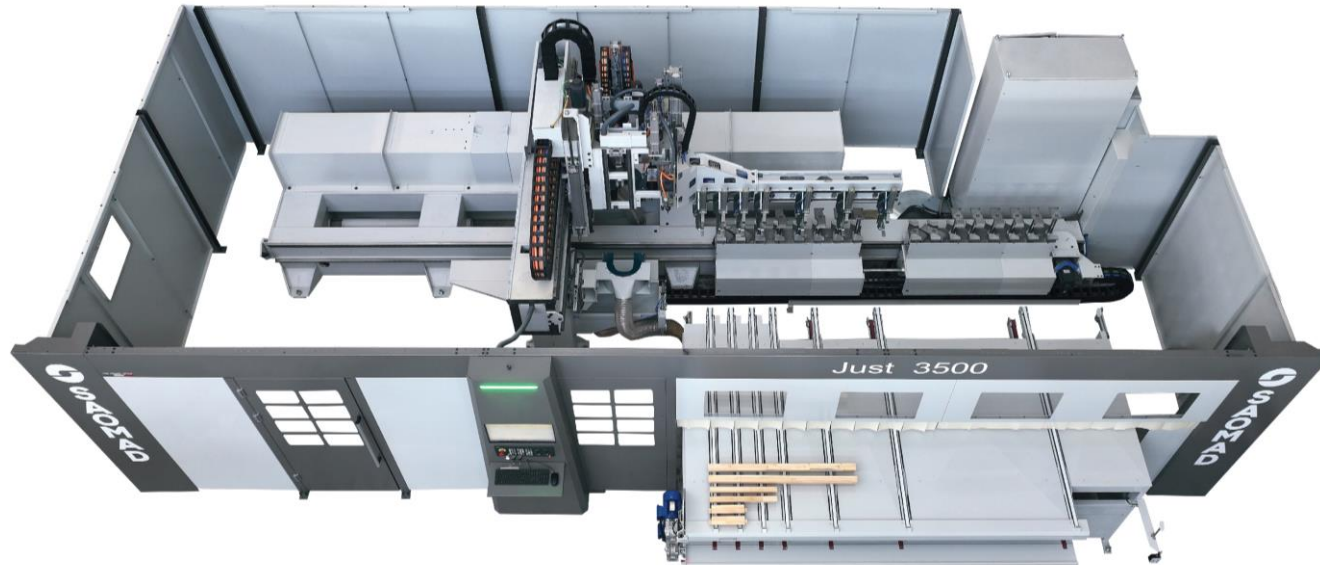


WOODPECKER JUST 3500

Made in Italy Woodworking center



 SAOMAD

WOODPECKER JUST 3500 COMPOSITION

Standard composition

- Storage transfer for loading (20 pieces) and unloading (20 pieces)
- Nr. 01 T2 Head with electrospindle 19 KW with C-axis
- Nr. 01 M1 vertical electrospindle 4 KW
- Nr. 01 M5 aggregate

Loading of No. 1 pieces L=3.500 mm max or No. 2 pieces with max length each L=1.500 mm



SIEMENS NUMERICAL CONTROL

Full-Digital CNC with SIEMENS 840D SL numerical control, which combines all CNC, PLC and communication functions on a single multiprocessor board.

- Basic macro graphics for elementary and advanced processing
- Input and output diagnostics
- Tool configurator (machine setup - tool editor)
- Possibility to define all tools freely (horizontal, vertical, inclined)
- Possibility to define the rotation speeds proper (limitations) of each individual tool (for tools belonging to the stock pantograph)
- Automatic execution of ISO programs (imported via ethernet network peripherals, USB key, etc.) or locally generated
- Import of DXF files also generated by CAD systems or commercial programs for the realization of wooden windows (optional)

And much more besides...



TECNICAL CHARACTERISTICS

Workpiece dimensions:

HEIGHT	MIN	MAX
	15 mm	160 mm
WIDTH	MIN	MAX
	30 mm	240 mm
LENGTH	MIN	MAX
	180 mm	3.500 mm
	(internal tenon)	

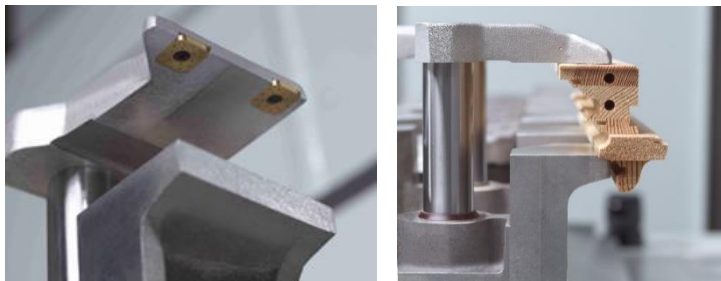


CLAMP GROUP

The clamps group is composed of a carriage of n.8 pressers and an additional carriage of n.8 pressers, for a total of 16 pressers, allows automated picking and an optimal sealing of the pieces to be processed.

It can be worked:

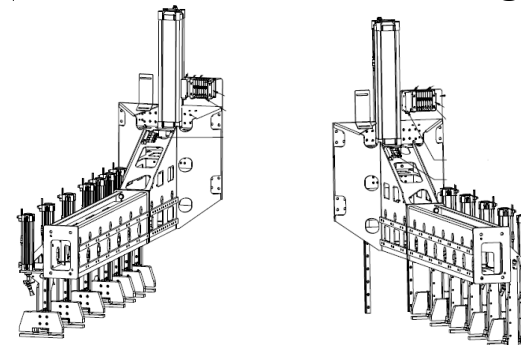
- a single piece of length 3.500 mm max without resumption
- 2 pieces at a time of max. length 1.500 mm each



MANIPULATOR

The manipulator takes one piece at a time from the load pulverization until the pieces are exhausted and places it in the respective working carts. Once the machining is done on the first side, the single piece is moved by the manipulator on the opposite side of the working carriage to perform the external machining.

At the end of the process, the manipulator picks up the single finished piece and deposits it on the upper plane of the discharge pulmonary



LOADING/ UNLOADING OF WORKPIECES

The loading and unloading pulmonary system consists of two different floors, used for loading pulmonary, in the lower one and for unloading pulmonary, in the upper one, this allows the optimization of the spaces having both the load and the unloading in the same side of the machine.

The loading and unloading system consists of motorized belts, with a capacity of 20 pieces in loading and 20 pieces in unloading.

It is possible to load one piece at a time up to a max. length of 3.500 mm.



UNLOADING



LOADING

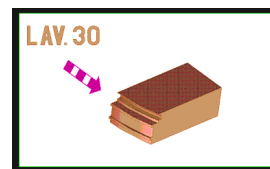


UNIT 1

T1 VERTICAL ELECTROSPINDLE

(senza asse C)

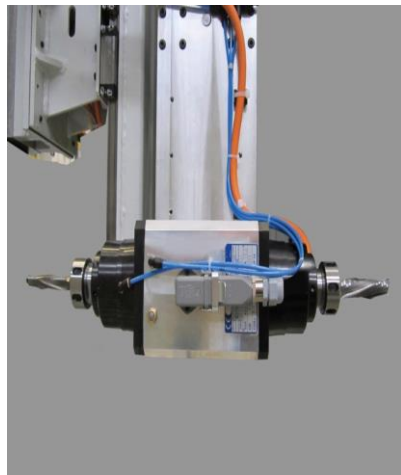
- Motor power in S1 19 KW
- Motor power in S6 22 KW
- Rotation speed 15.000 rpm
- Spindle useful length 258mm circa
- Tool coupling HSK 63E
- Max tool weight 15 kg



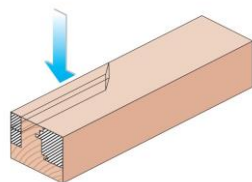
UNIT 1

M5 AGGREGATE AT 2 OUTLETS FOR HORIZONTAL MILING

- Motore power in S1 4,5 KW
- Rotation speed 18.000 rpm
- Tip diameter 16mm
- Tool coupling ER 32



Working: lock seat

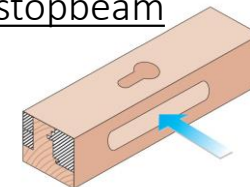


M1 VERTICAL ELECTROSPINLDE

- Motor power 4 KW
- Rotation speed 18.000 giri/min
- Cutter diameter 20mm
- Tool coupling ER 32



Working: cutting of the glass stopbeam



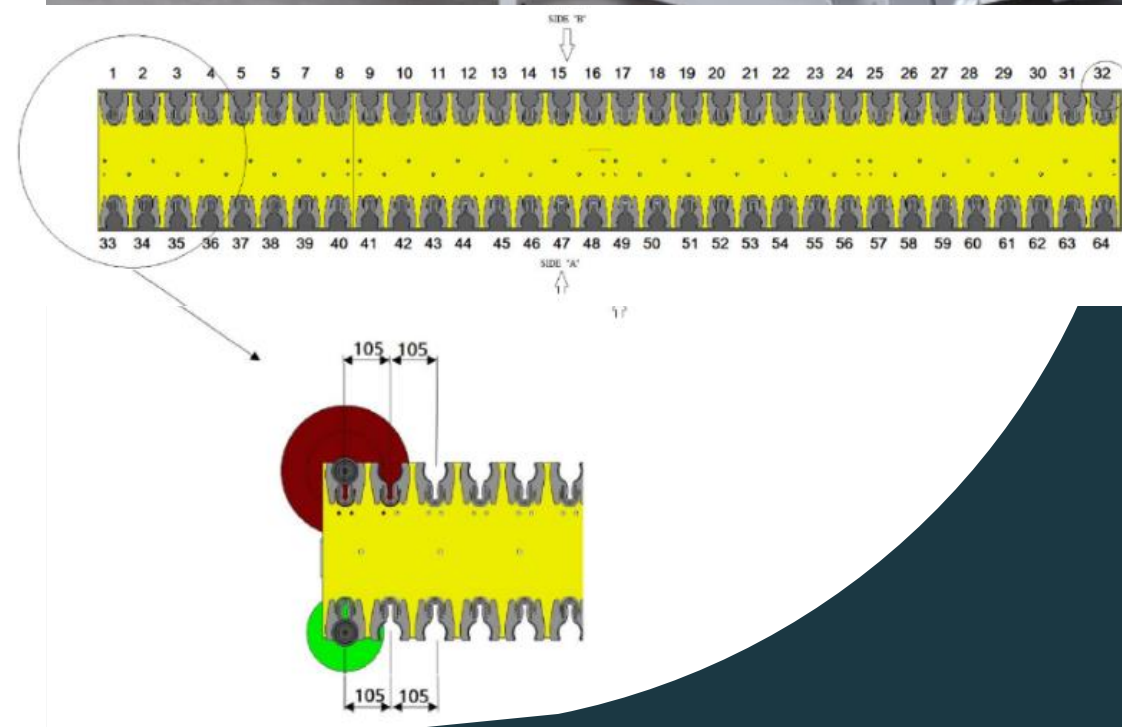
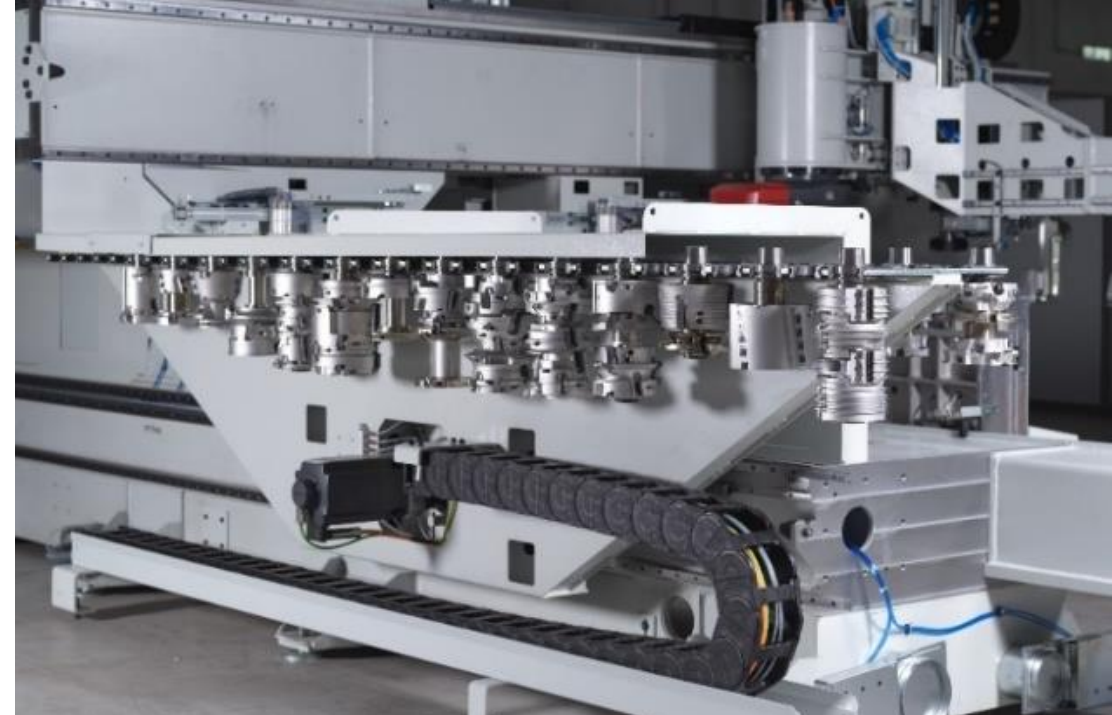
TOOL STORAGE

64 POSITION-interaxes 105mm

Tool magazine with 64 positions (distance 105mm), completely closed thanks to a damper that opens if necessary to carry out the tool change.

This reduces dirt and keeps tools clean.

Total tool weight 510 Kg.



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65^o
YEARS OF
INNOVATIVE
IDEAS

