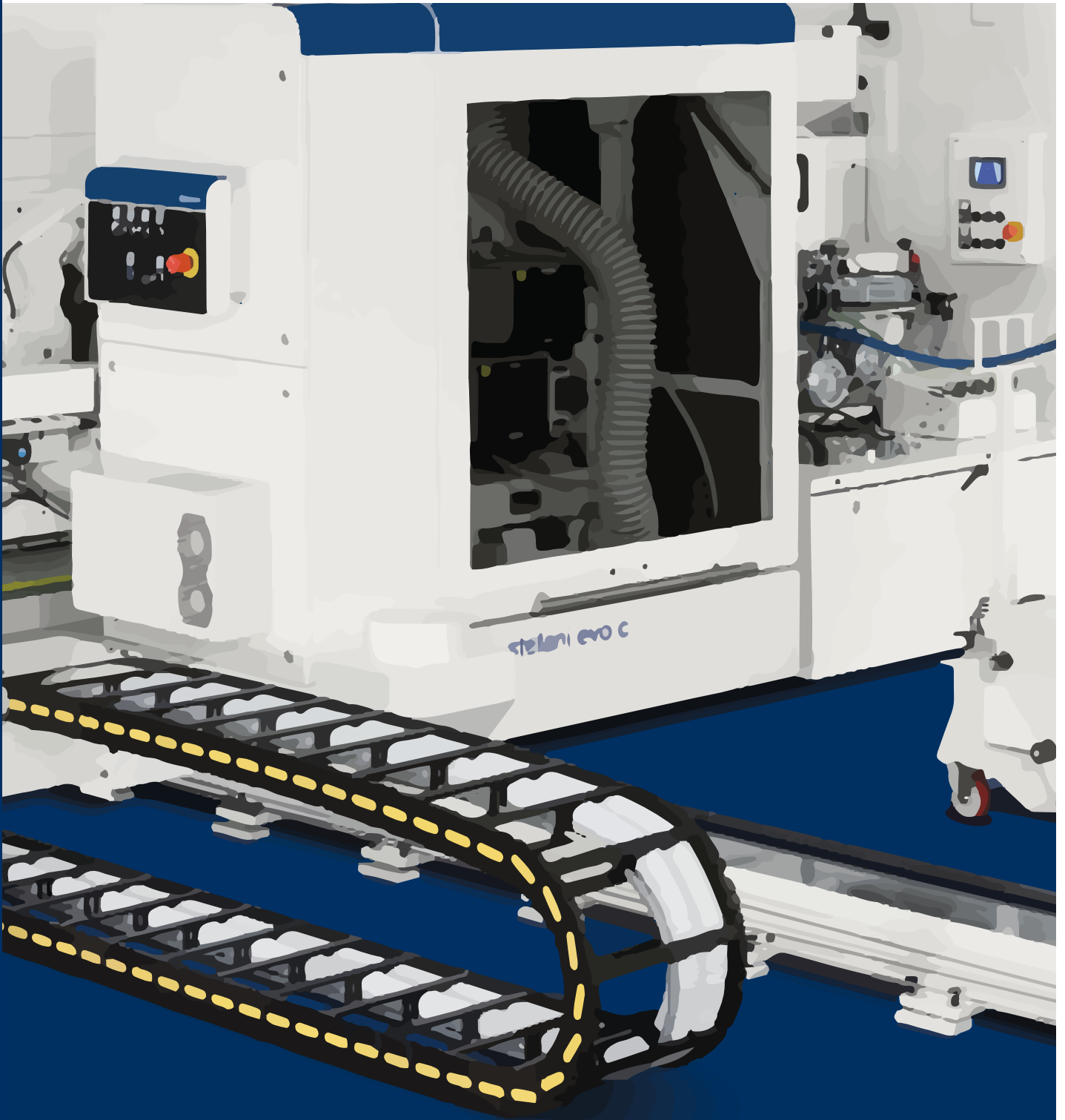


edge banders, sizing edge banders

stefani evo c

sizing edge bander for the furniture industry



stefani evo c

Sizing edge bander

GREAT OPPORTUNITIES, SMART DESIGN

The first of its kind in the market, **stefani evo c** continues to set new standards in build quality, design and reliability, with an improved price / performance ratio.





"HEAVY DUTY" WORKING UNITS
For intensive use and diverse, high quality production.

PERFECTION AS TARGET ALREADY FROM CONTROL



MACHINING AVAILABLE DEPENDING ON THE COMPOSITION:

- Panel squaring and sizing
- Edgebanding with EVA or PUR glue
- Slot machining



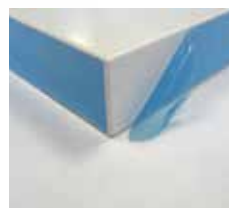
PAPER/MELAMINE



PVC/ABS



VENEER
0.6 mm



PROTECTED
EDGES

stefani evo c

Sizing edge bander

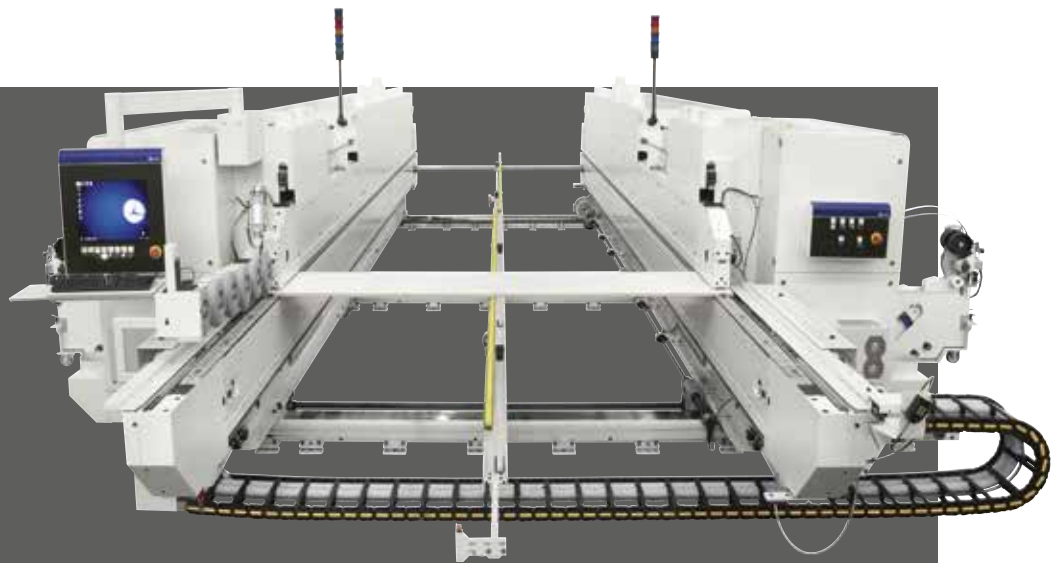




stefani evo c

High-performance structural and functional design

It is simple and quick to work with large components thanks to the opening of the mobile beam up to 3200 mm and the central self-centering support.



Easy internal cleaning thanks to the tidy and discreet wiring.



Maximum comfort with interior lighting by LED.

Trouble free production even in challenging climatic conditions thanks to the air conditioning system for electric cabinets.



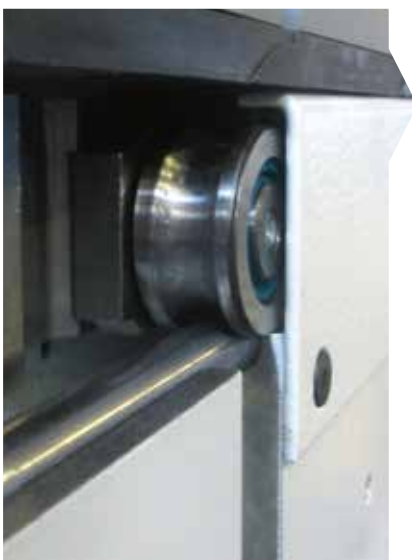
Smooth and precise panel movement thanks to the pressure belt.

stefani evo c

High-performance structural and functional design

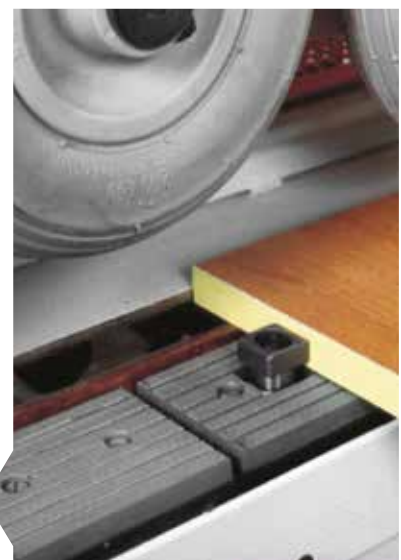


The perfect panel results from details.



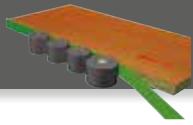
The panel movement, precise and constant over the years, is performed by linked chains in isotropic sintered material using high precision rolling bearings which run on rigid guides.

Guaranteed accuracy of machining thanks to the transport of the panels by dogs at a variable distance (from 400 to 900 mm) dependent on the size to be processed.



stefani evo c

"Heavy Duty" working units for industrial production



GLUING UNIT

For gluing of thin edges, ABS and PVC on straight profiles:

- reduced use of the edging material thanks to the precision edge cutting device "OPTI-CUT" which reduces the excess edge at the front and rear of the panel;
- 4 pressure rollers with the possibility of electronic positioning;
- roll holder from 2 up to 6 coils;
- quick release glue pot, for quick and easy interchangeability of the type / color of glue.



The gluing unit of the **stefani evo c** is available with different types of equipment to satisfy all production requirements:

- quick melt system with up **20 kg/h** fusion for hot melt glue;
- quick melt system with up **6 kg/h** fusion for polyurethane glue;
- system for glue application by slot.

INTELLIGENT EDGE MANAGEMENT

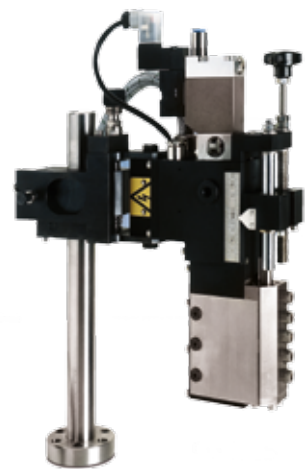
No interruption of production when changing rolls or colours thanks to 2-6 coil multiroll magazines. No downtime when roll is finished thanks to the control system for the quantity of edge available.



Bonding improved with the panel heating lamp.



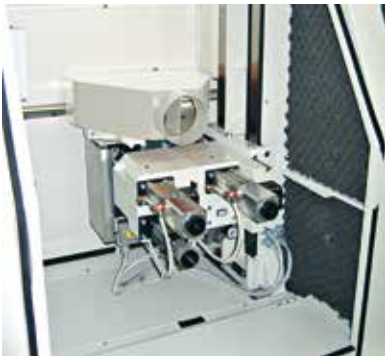
High productivity even with thin or fragile edges thanks to the motorized feeding of the edge.



High quality of machined components due to the possibility of using PUR glue, also with application by SLOT.

stefani evo c

"Heavy Duty" working units for industrial production



The first step to a perfect joint.
Unit for squaring and perfect preparation of the panel surface before gluing.
Tool diameter 190 mm.



For the removal of the overhanging edge from the front and rear sides of the panel.
Lateral feelers on recirculating ball linear guides with automatic operation.



For the top and bottom trimming of the excess edge. Possibility of double automatic positioning.
Optimized chip extraction with ED-SYSTEM.

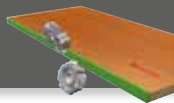


Availability of special feelers on trimming and fine trimming units for the edgebanding of nested panels.



stefani evo c

"Heavy Duty" working units for industrial production



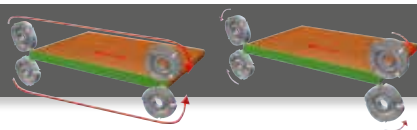
FINE
TRIMMING UNIT



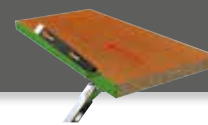
To finish the top and bottom of thin edges or for the fine trimming of the PVC/ABS edges. Quick release device for the block composed of tool holder and tool. Possibility of NC managed side feeler to process different thicknesses or to compensate for tolerance. Availability of special feelers for the edgebanding of nested panels. Also available in the version with KIT MULTIEDGE, the ability to automatically change between two radiuses and infinite thin edges, or with MULTIPLA, equipment to automatically change between three radiuses and infinite thin edges.

stefani evo c

"Heavy Duty" working units for industrial production



CORNER ROUNDING UNIT



EDGESCRAPING UNIT

PERFECT ASPECT OF THE PANEL

For the finishing of PVC/ABS rounded edges. Quick release device of the block composed of tool holder and tool. Also available with MULTIEDGE or MULTIPLA technology.

For the rounding of the corners and for the fine trimming of the top and bottom edges. Equipped with four quick release motors. Also available with MULTIEDGE technology. Optimized chip extraction with ED-SYSTEM. High-quality processing even with veneer / wood edges.

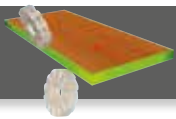


MULTIEDGE - TOP SAVING CLASS

High performance with immediate precise and repeatable process changes are possible with the MULTIEDGE class of devices, compact and lightweight.

stefani evo c

"Heavy Duty" working units for industrial production



SPE BRUSH UNIT

For the panel cleaning and brightning of plastic edges.



OPTIONAL EQUIPMENT



**ANTI-CHIPPING
AND DOUBLE HOGGING UNITS**

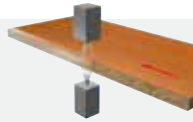


It's possible to choose these units as an alternative to pre-milling units.



stefani evo c

Optional equipment

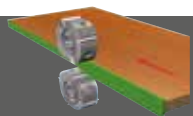
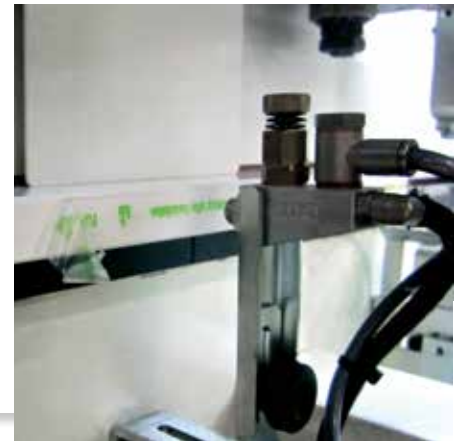


ANTI-ADHESIVE UNIT FOR FREE SPACE 1-AA

Free space for anti-adhesive unit. To avoid glue deposits on the top and bottom surfaces of the panel.



Spray device for delicate edges. It facilitates the machining of panels with delicate edges or with protective films.



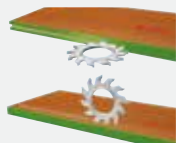
TRIMMING UNIT FOR FREE SPACE 1-RSP

Free space for trimming unit.

stefani evo c

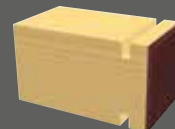
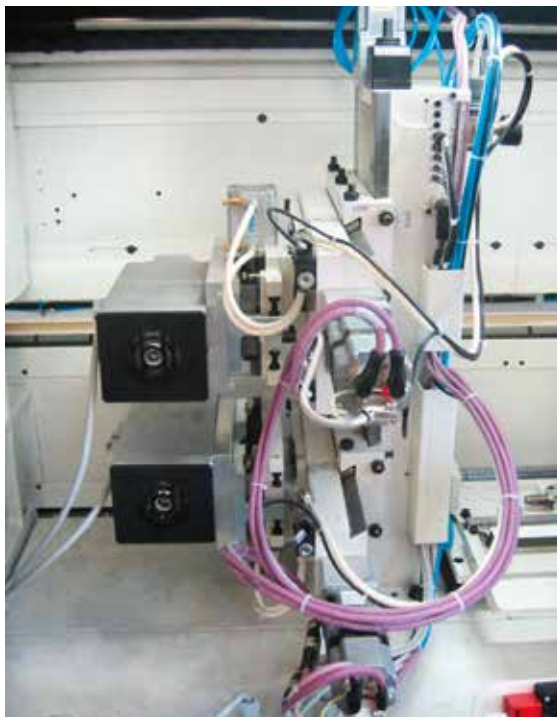
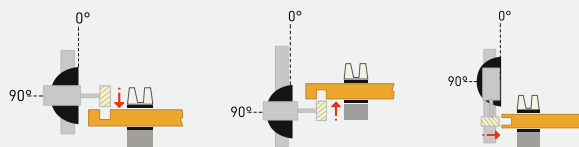
Optional equipment

GROOVING UNIT OR SANDING UNIT FOR FREE SPACE 1



GROOVING UNIT

To process through or timed grooves on the top, bottom and sides of the panel. Quick release device for the suction hoods.



OVERLAPPED GROOVING UNIT

For the processing of two simultaneous through or timed grooves on the top and bottom of the panel.



SANDING UNIT

For finishing and preparing to the painting of wood edges.

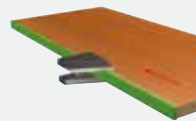


stefani evo c

Optional equipment



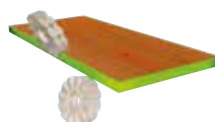
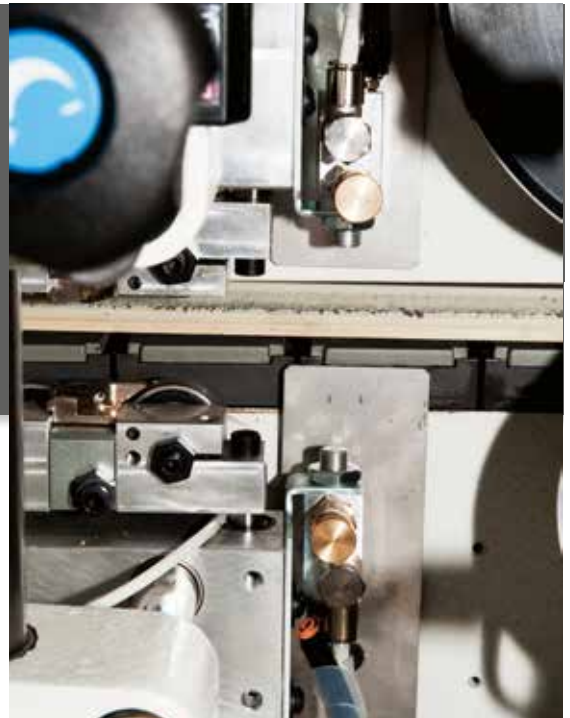
GLUE SCRAPING UNIT FOR FREE SPACE 1/2



GLUE SCRAPING UNIT

To remove any excess glue on the top and bottom side of the panel. Double bearing feelers for a perfect process precision.

Nebulizing device for delicate edges. To facilitate the machining of panels with delicate edges or with protective films.



SP/F BRUSHING UNIT

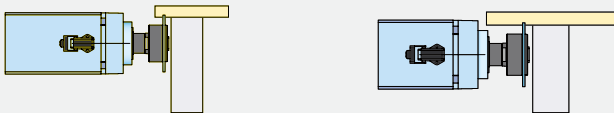
For the panel cleaning and the brightening of plastic edges.

stefani evo c

Adaptive production. Your productivity as the primary objective

SUPERIOR TECHNOLOGY

Sub-bases on every working unit with the possibility of movements on ball recirculated linear guides to facilitate grooves with different distances from the edge.



PRODUCTION MANAGEMENT WITH BAR CODE READER

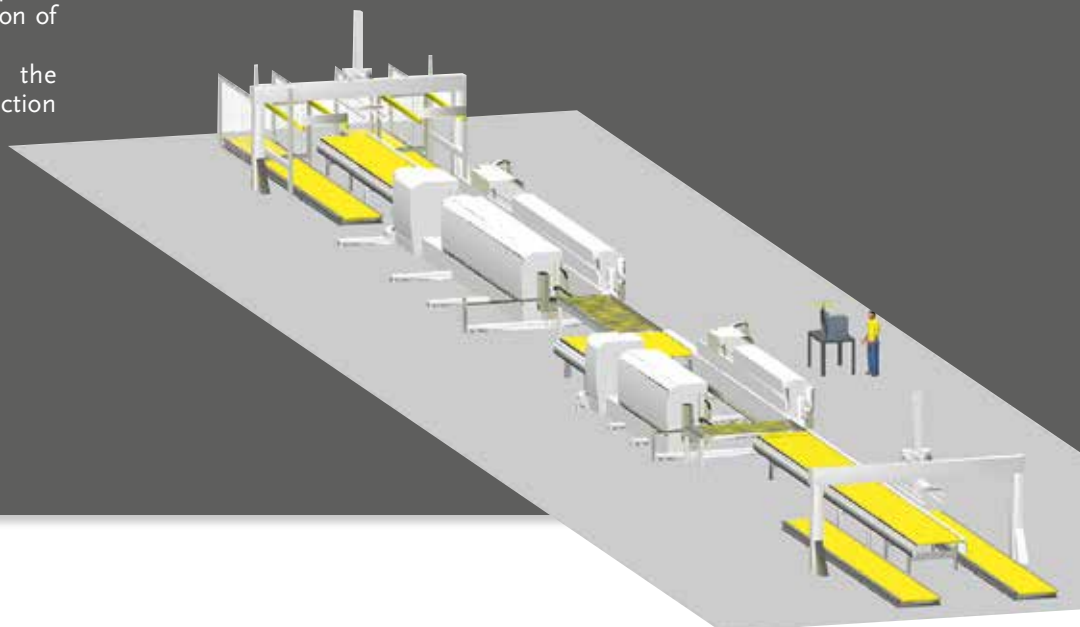
It's possible to manage the production flow through bar codes that identify the type of production and the material to be processed.



LARGE-SCALE PRODUCTION

Stefani evo c can be perfectly integrated with handling equipment to create completely automatic square-edgebanding lines for the production of large batches.

Dedicated software allows the monitoring of the entire production line in a simple and intuitive way.

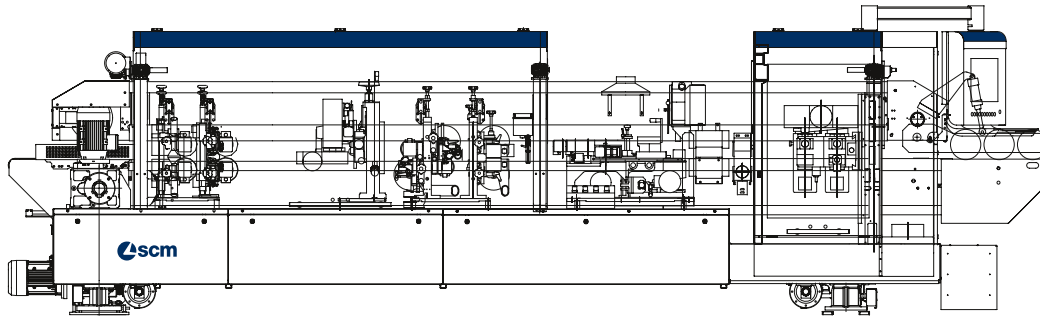


stefani evo c

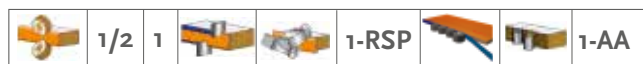
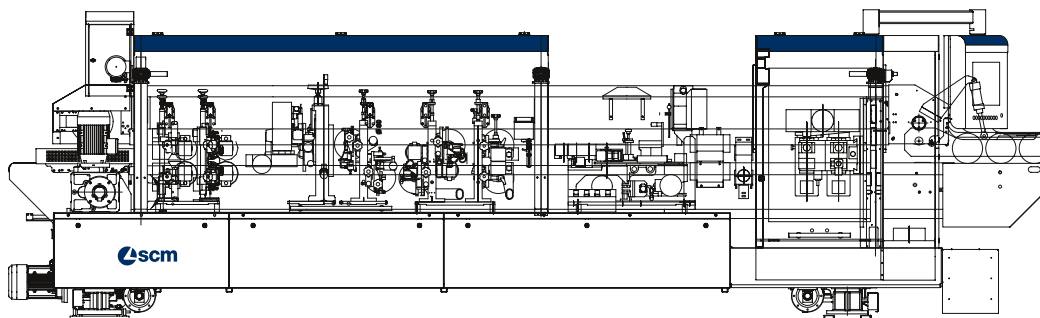
Compact and productive squaring-edgebander

INDUSTRIAL TECHNOLOGY IN 10 METERS

SQUARING-EDGE BANDERS FOR LENGTHWISE PROCESSING

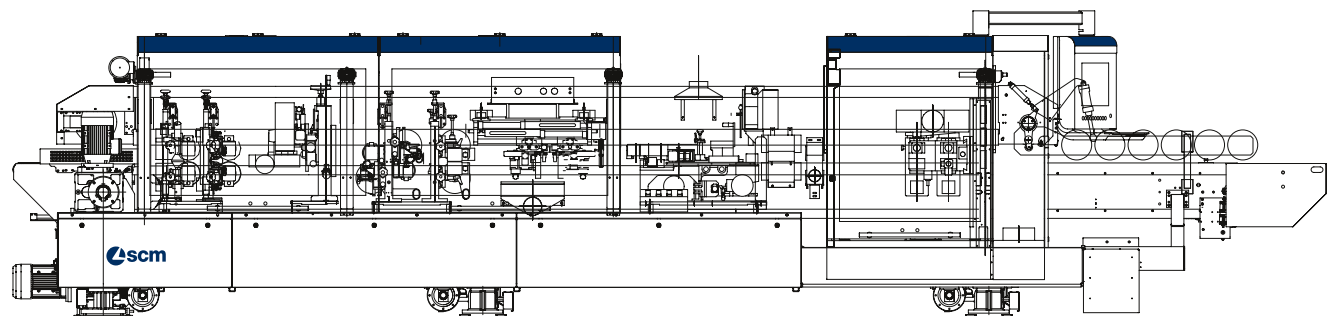


STEFANI EVO C 110



STEFANI EVO C 115

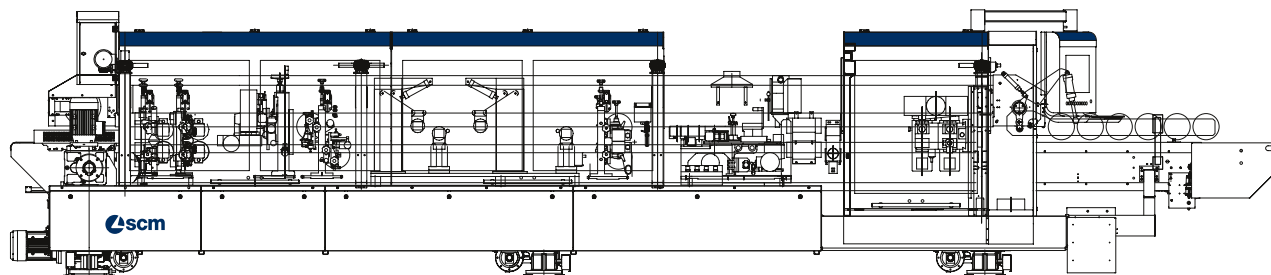
SQUARING-EDGE BANDERS FOR LENGTHWISE AND CROSSWISE PROCESSING



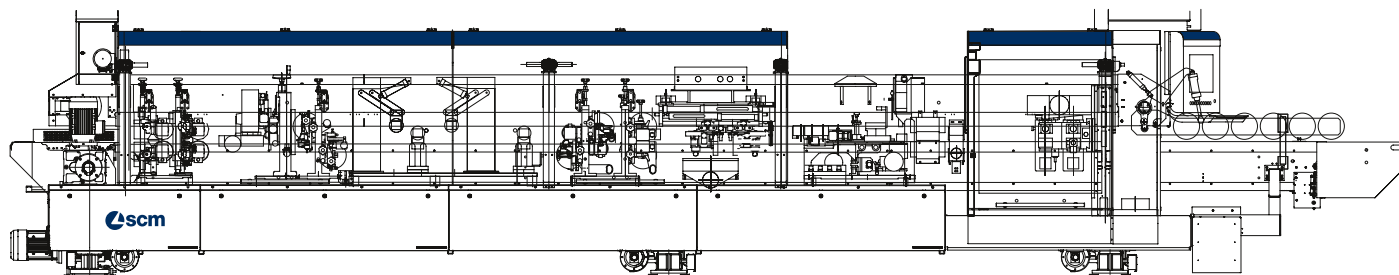
STEFANI EVO C 210

stefani evo c

Compact and productive squaring-edgebander



STEFANI EVO C 215



STEFANI EVO C 220

OPTIONAL UNITS FOR STEFANI EVO C



1-AA Free space for "AAR" spray anti-adhesion unit



1-RSP Free space for "RSP" trimming unit



1 Free space for "U" grooving unit, or "US" overlapped grooving unit or "GLC" sanding unit or



1/2 Free space for "RCA/2C" glue scraping unit

stefani evo c

Technical data



	STEFANI EVO C 110	STEFANI EVO C 115	STEFANI EVO C 210	STEFANI EVO C 215	STEFANI EVO C 220
Total length (L) mm	6500	6500	8300	9200	10100

Minimum and maximum coil material thickness	0,4-3 mm
Maximum section of wood edge in coil of 2 or 3 mm	100 mm ²
Maximum panel thickness (dependent on the working units fitted)	10-60 mm
Maximum panel width (first in line)	1200 mm
Maximum panel width (second in line)	3200 mm
Adjustable feed speed (dependent on the working units fitted)	
• squaring only process	10-40 mm
• first in line	10-30 mm
• second in line	10-24 mm



SAVENERGY:
LESS CONSUMPTION = LESS COST
 Save up to 10% on annual consumption of energy thanks to the package of solutions for saving energy.

stefani evo c

Perfection as target already from control



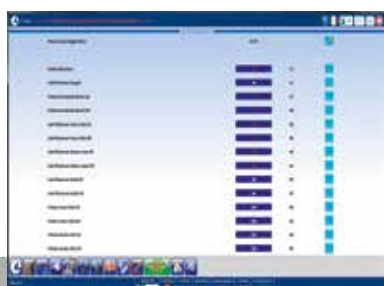
MAESTRO PRO-EDGE

An expert operator that guides you to produce quickly. Maestro Pro-Edge allows an easy quick machine management without errors.



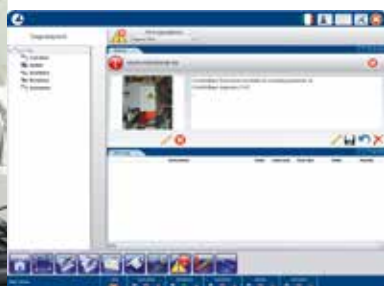
Immediate, powerful, custom operator interface

Maximum ease of use with the convenient 17" screen. Intuitive programming with a specific graphic design. USB and Ethernet ports for easy connection to the company network.



Program maintenance

Complete and continue checks for all machine functionalities to get the maximum possible efficiency



Productivity always under control

In case of machine alarms, the PC indicates the details of the alarm, guiding the operator to the solution of the problem. The knowledge of the operator gained in solving the problems can be stored and made available in the future.



Reporting

Processing data, panels worked, edging used, daily, monthly and yearly. Reports allow production monitoring by statistical graphics and Excel files.



WEB BASED TELEDIAGNOSI

The special hardware structure allows teleservice through an internet connection. This allows our trained technicians to access all machine levels from SCM headquarters resulting in the diagnosis and resolution of most problems or to update the programs according to customer requests in real time.



SIMPLE ACTS, ADVANCED TECHNOLOGY

Automatic program set up by Bar Code device.

stefani evo c

MAESTRO WATCH SUPERVISOR

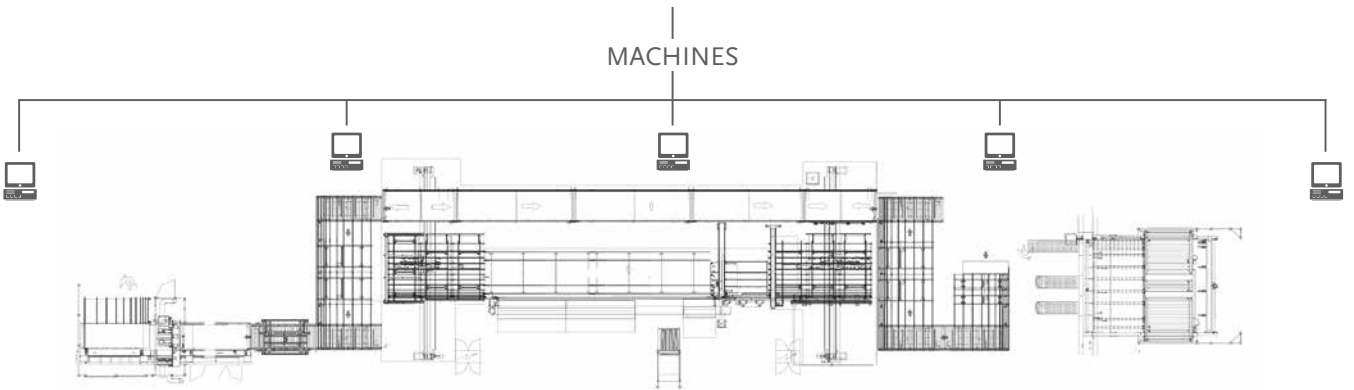
Connecting all the command and control information into a production line in real time is extremely simple thanks to the new, powerful supervisor MAESTRO WATCH by SCM, perfect for controlling and managing the entire process from a single, convenient position.

ERP
COMPANY NETWORK



Immediate start of programs to all machines of the line, preliminary check of the processing feasibility. Zone management of the line to ensure the highest productivity with every program.

MACHINES



Control of the line from one single position



- Rapid and correct insertion of the panels in the cell, thanks to the SIDE FINDER technology that, via a display in the operating position, shows the operator which edge to insert in the cell next.
- Preliminary simulation of machining times.



- Immediate availability (even on mobile devices) of the machining information relating to each panel, regardless of where the panel is in the cycle, due to the continuous tracking provided by the supervisor system.
- Check of machining feasibility for each component.



MAESTRO WATCH is customized and optimized by SCM depending on the line that has to supervise

THE STRONGEST WOOD ARE IN OUR DNA

SCM. A HERITAGE OF SKILLS IN A UNIQUE BRAND

Over 65 years of success gives SCM the centre stage in woodworking technology. This heritage results from bringing together the best know-how in machining and systems for wood-based manufacturing. SCM is present all over the world, brought to you by the widest distribution network in the industry.

65 years history

3 main production sites in Italy

300.000 square metres of production space

17.000 machines manufactured per year

90% export

20 foreign branches

350 agents and dealers

500 support technicians

500 registered patents

In SCM's DNA also strength and solidity of a great Group. The SCM Group is a world leader, manufacturing industrial

SCM GROUP, A HIGHLY SKILLED TEAM EXPERT IN INDUSTRIAL

INDUSTRIAL MACHINERY

Stand-alone machines, integrated systems and services dedicated to processing a wide range of materials.



WOODWORKING TECHNOLOGIES



TECHNOLOGIES FOR PROCESSING
COMPOSITE MATERIALS, ALUMINIUM,
PLASTIC, GLASS, STONE, METAL



The technical data can vary according to the requested machine composition. In this catalogue, machines are shown with options. The company reserves the right to modify technical specifications without prior notice; the modifications do not influence the safety foreseen by the CE Norms.

TECHNOLOGIES



equipment and components for machining the widest range of materials.

MACHINES AND COMPONENTS

INDUSTRIAL COMPONENTS

Technological components for the Group's machines and systems, for those of third-parties and the machinery industry.

HITECO

SPINDLES AND TECHNOLOGICAL
COMPONENTS

Les

ELECTRIC PANELS

steelmec

METALWORK

scmfonderie

CAST IRON



SCM GROUP SPA

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www.scmwood.com



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