

flexible edgebanding solutions

edge banders, sizing edge banders



STEFANI CELL

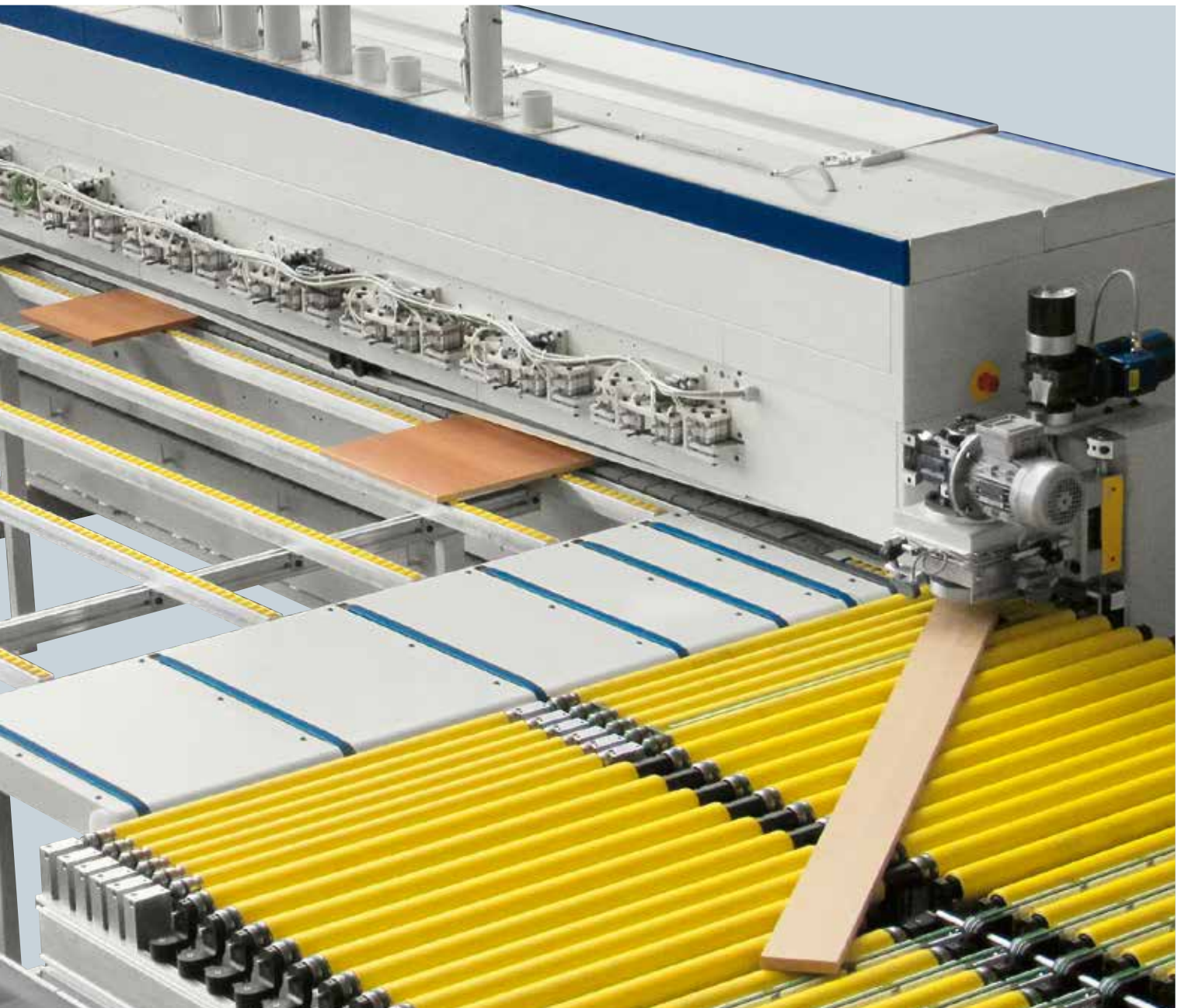
NEW SOLUTIONS FOR MAXIMUM EFFICIENCY IN TERMS OF PRODUCTIVITY

New range of cells for Batch 1 production with a single edge bander.

- stefani cell E for processing panels without sizing
- stefani cell S for processing panels with squaring and semi-automatic panel infeed
- stefani cell H / H+ for panel processing with or without squaring and with automatic panel, for high productivity



flexible edgebanding solutions



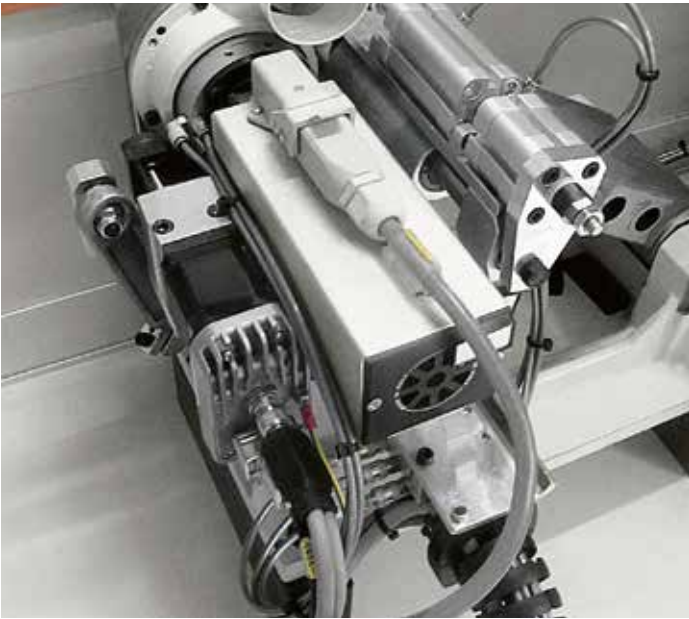
STEFANI CELL E

THE BATCH 1 KNOW-HOW IN ITS SIMPLEST FORMAT

Stefani cell E is the synthesis in flexible edgebanding cells that combines the customised production of non-sized panel with a compact overall design and, above all, with an accessible investment even for SMEs.



flexible edgebanding solutions

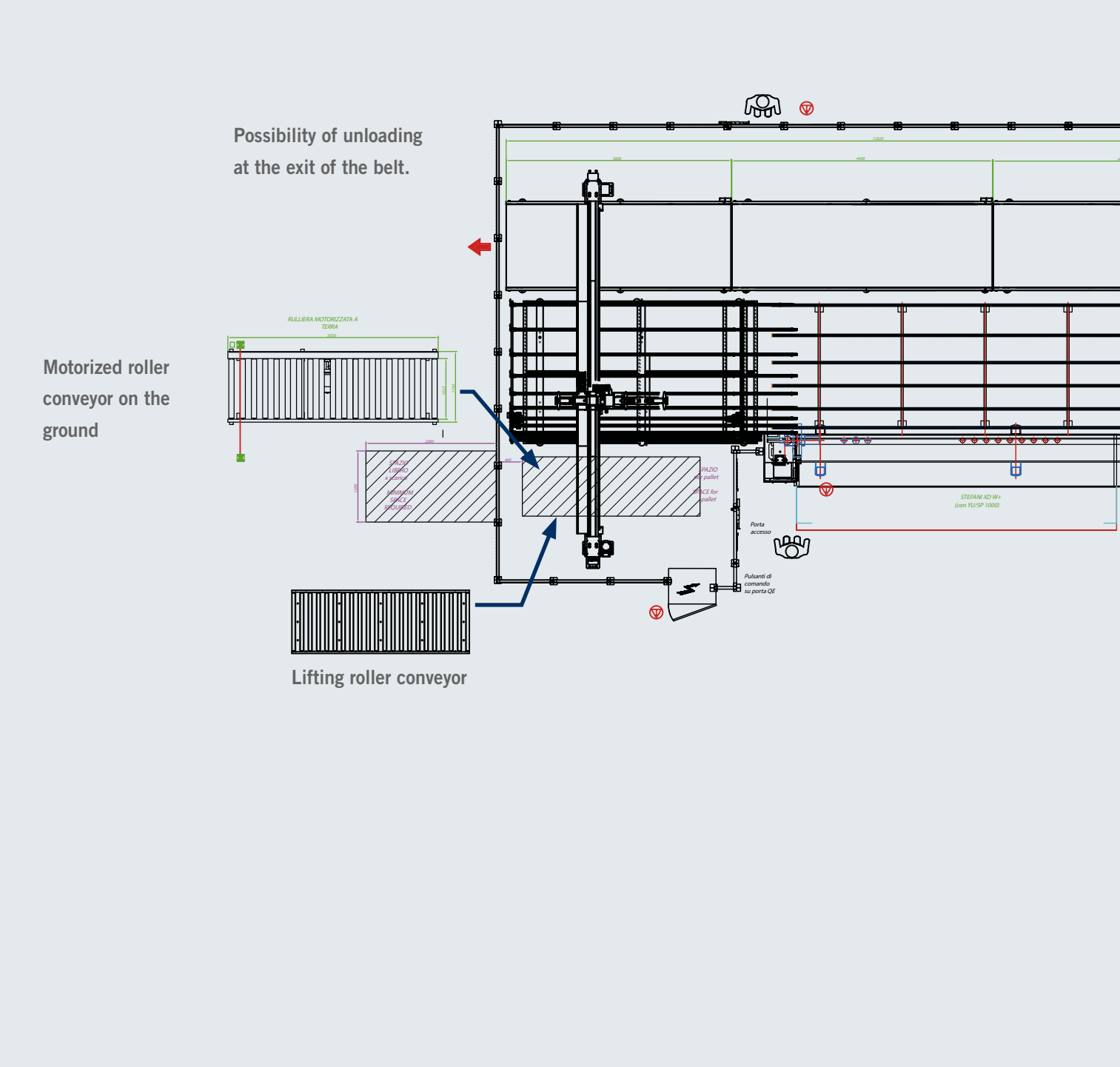


The new and diversified production scenarios can always be accommodated. Type, color, edge thickness, groove position and depth, management of the protective film, panel dimensions. These are just some of the parameters that can be continuously set or changed within the production flow, without stops thanks to the use of NC technology.

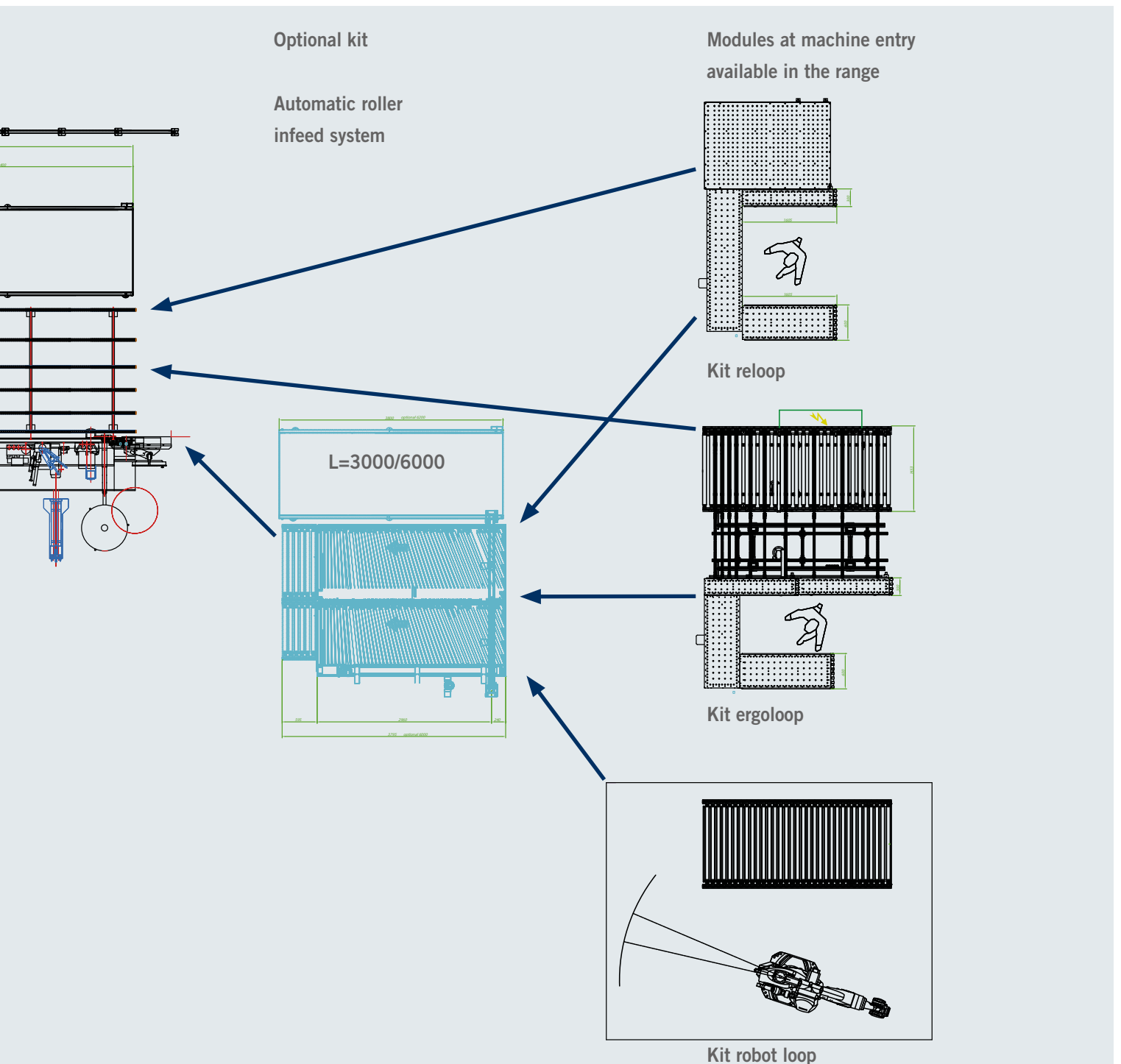


STEFANI CELL E

With the numerous compositions available on stefani cell E, every specific request in terms of productivity and processing can be satisfied. Infeed system, Robot or additional handling systems can be combined to offer maximum flexibility and customization.



flexible edgebanding solutions



STEFANI CELL E



Automate your productivity to the maximum with the SCM robotics. The panel loading is managed without operator. Integrable with existing handling systems, the SCM robotic cell will perfectly adapt to the production process with a big reduction in management time.

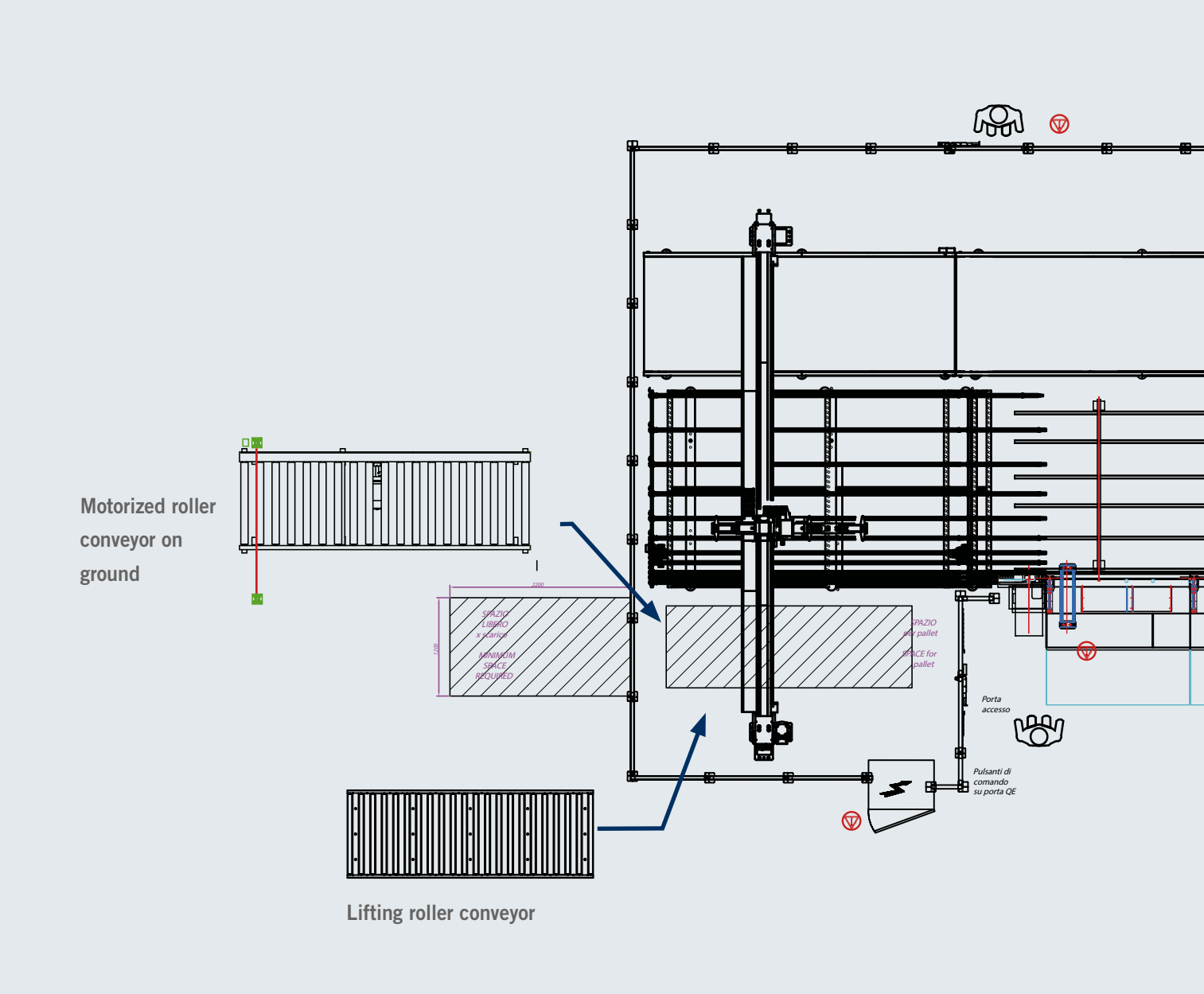
flexible edgebanding solutions



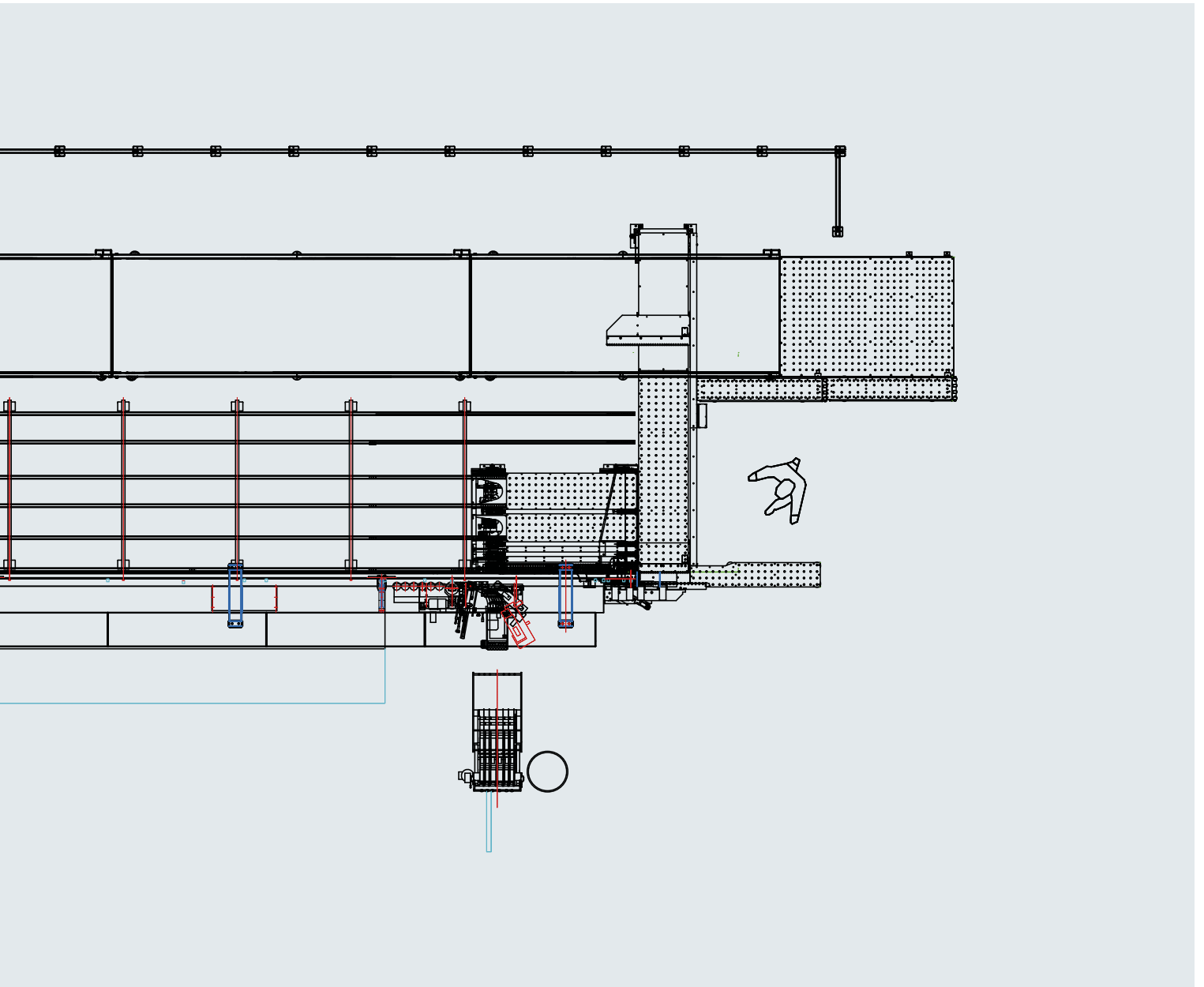
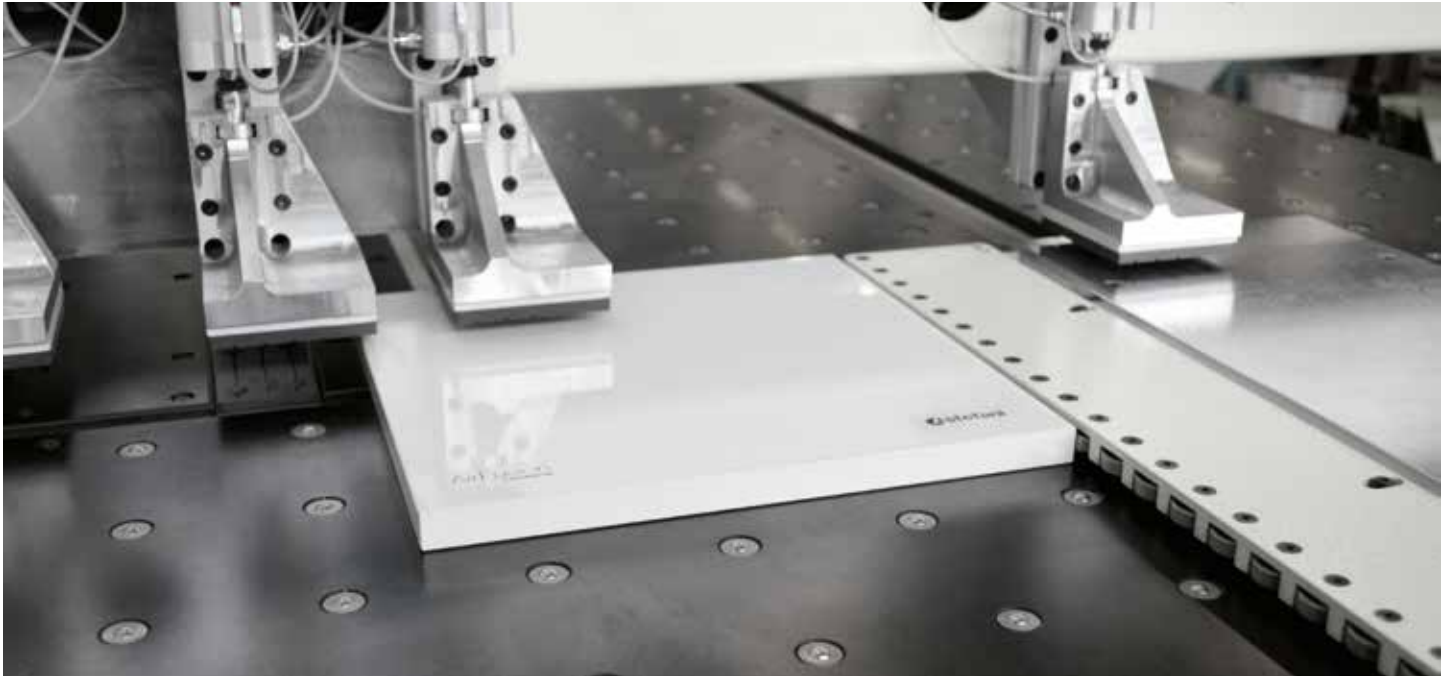
STEFANI CELL S

FOR A HIGHLY FLEXIBLE SQUARE-EDGEBANDING

Stefani cell S is the All-In-One cell with single architecture operator, with semiautomatic infeed device and squaring function that immediately makes operational advantages for the business with semi-intensive production and / or with non-homogeneous production batch.



flexible edgebanding solutions



STEFANI CELL S

Stefani cell S includes a semi-automatic device that facilitates and allows longitudinal and transversal insertion of large panels as follows:

- panels already squared/sized
- panels requiring sizing down on the two longitudinal sides and squaring (up to 2700mm)



The panel is accurately controlled until beyond the working unit on the panel preparation area.

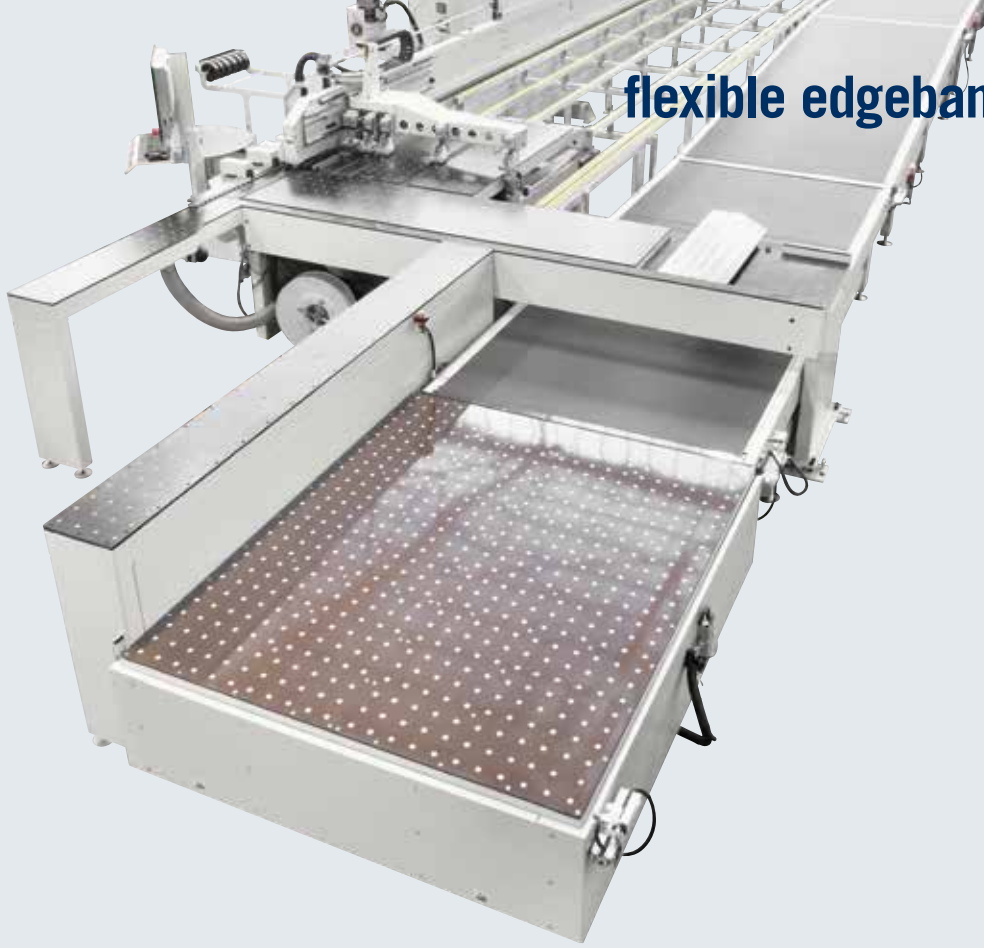


Maximum grip of the panel thanks to top and bottom grippers and frontal stop.



Automatic program set up by Bar Code reader.

flexible edgebanding solutions



Accelerate your business to the maximum thanks to the “reloop” kit and “pickback” gantry return system for looping and automatic panel unloading. The operator must only take care of reinserting the panels to the edge bander, in conditions of maximum ergonomics and simplicity.

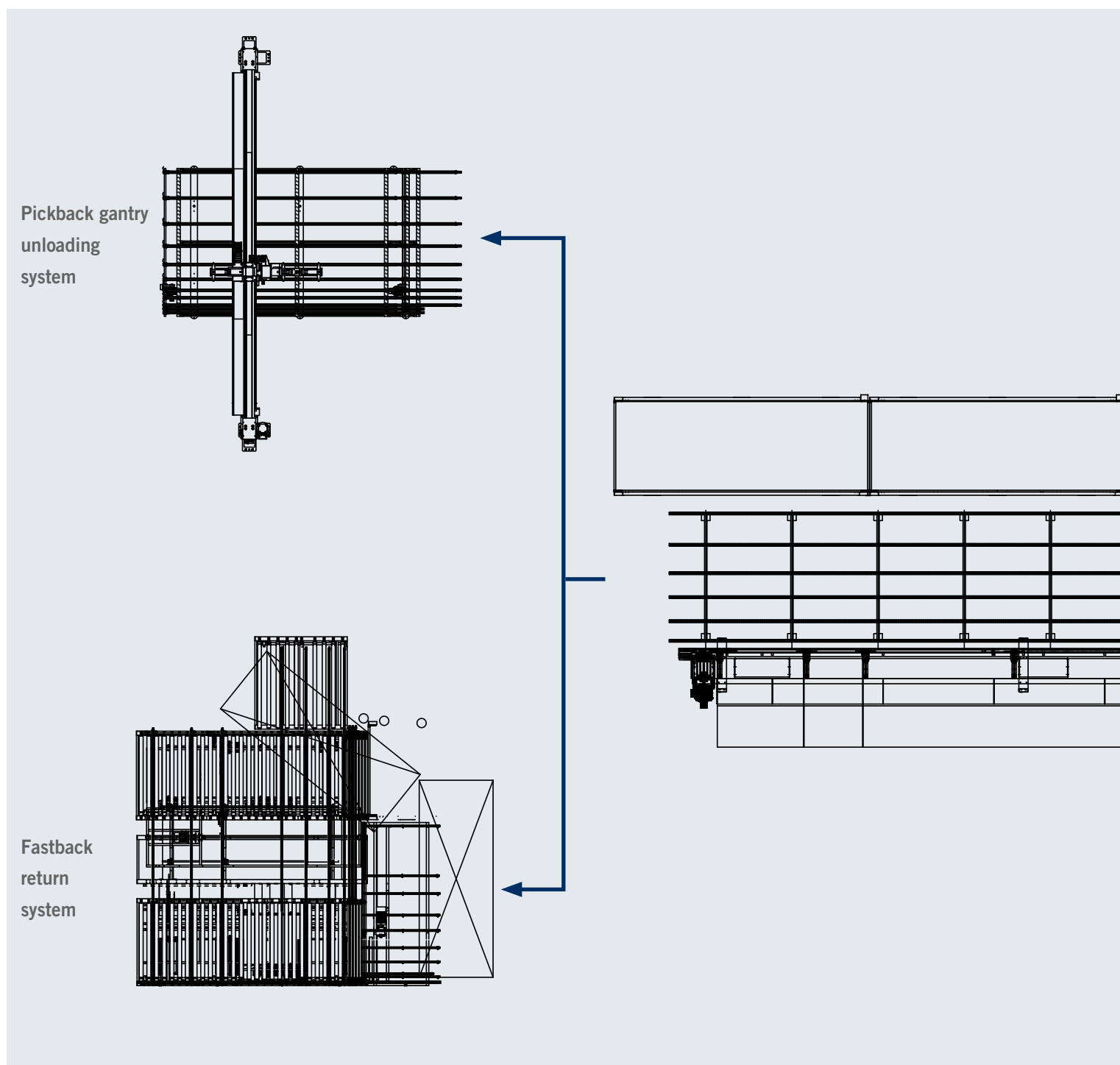
PICKBACK GANTRY RETURN SYSTEM WITH FAST NC AXES



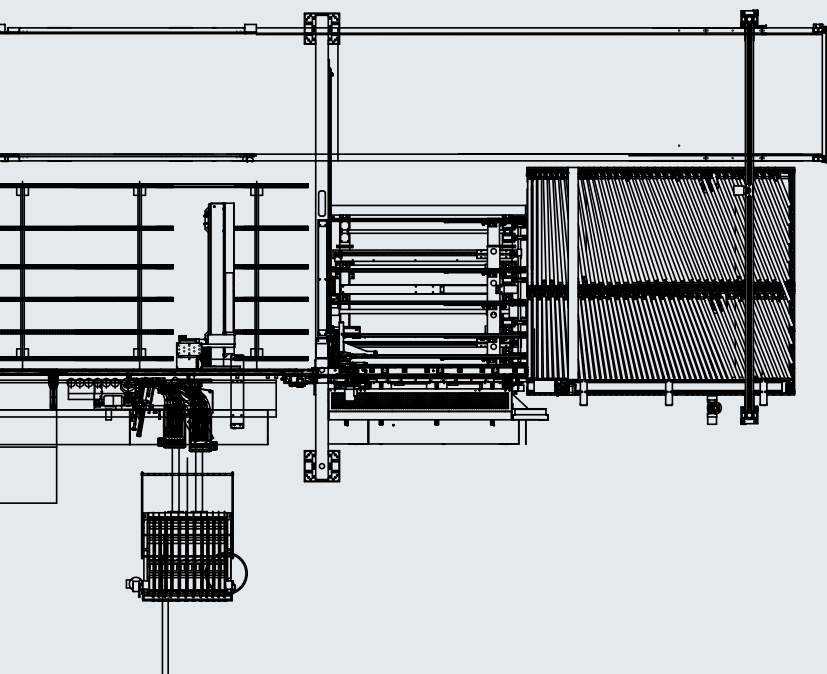
STEFANI CELL H

MODULARITY AND FLEXIBILITY AT THE FIRST PLACE

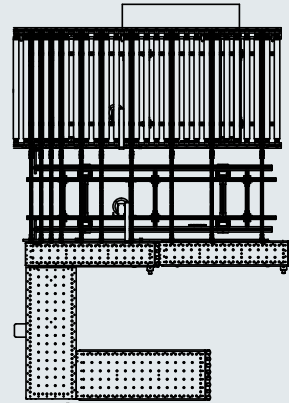
Stefani cell H is the edgebanding or square-edgebanding cell for Batch 1 processing, structured for technical solutions, level of investment and efficiency. It combines in a single solution customized quality and production, industrial level production volumes as well as maximum diversification of the production batches with panels already squared or to be squared, constantly guaranteeing business success with every work order.



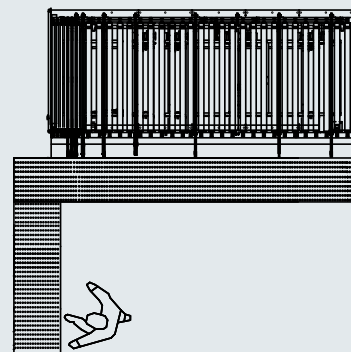
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Ergo loop kit
for pickback

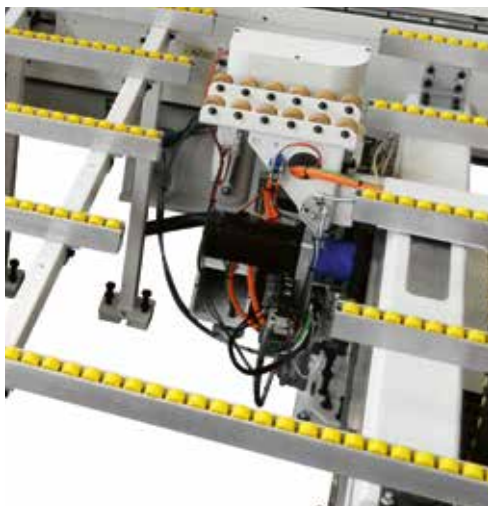
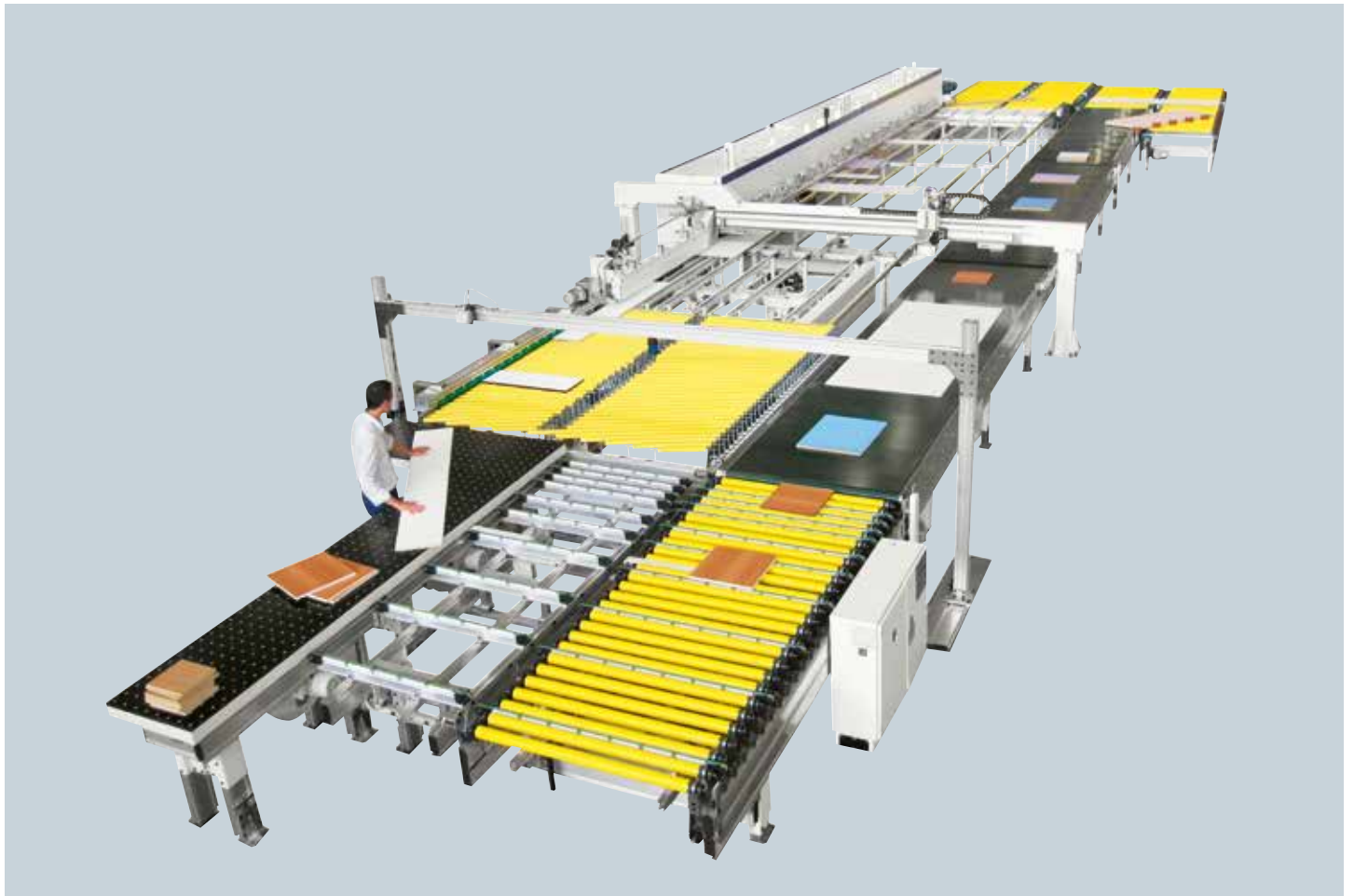


Ergo loop kit
for fastback



STEFANI CELL H

Stefani cell H equipped with FASTBACK or PICKBACK systems optimizes the flow and movement of the panels and offers the possibility of choosing the best machining results, gluing quality and tool change flexibility within the minimum space and with a single operator, thereby significantly optimising production costs.



EXTERNAL MILLING UNIT

For a precise sizing quality

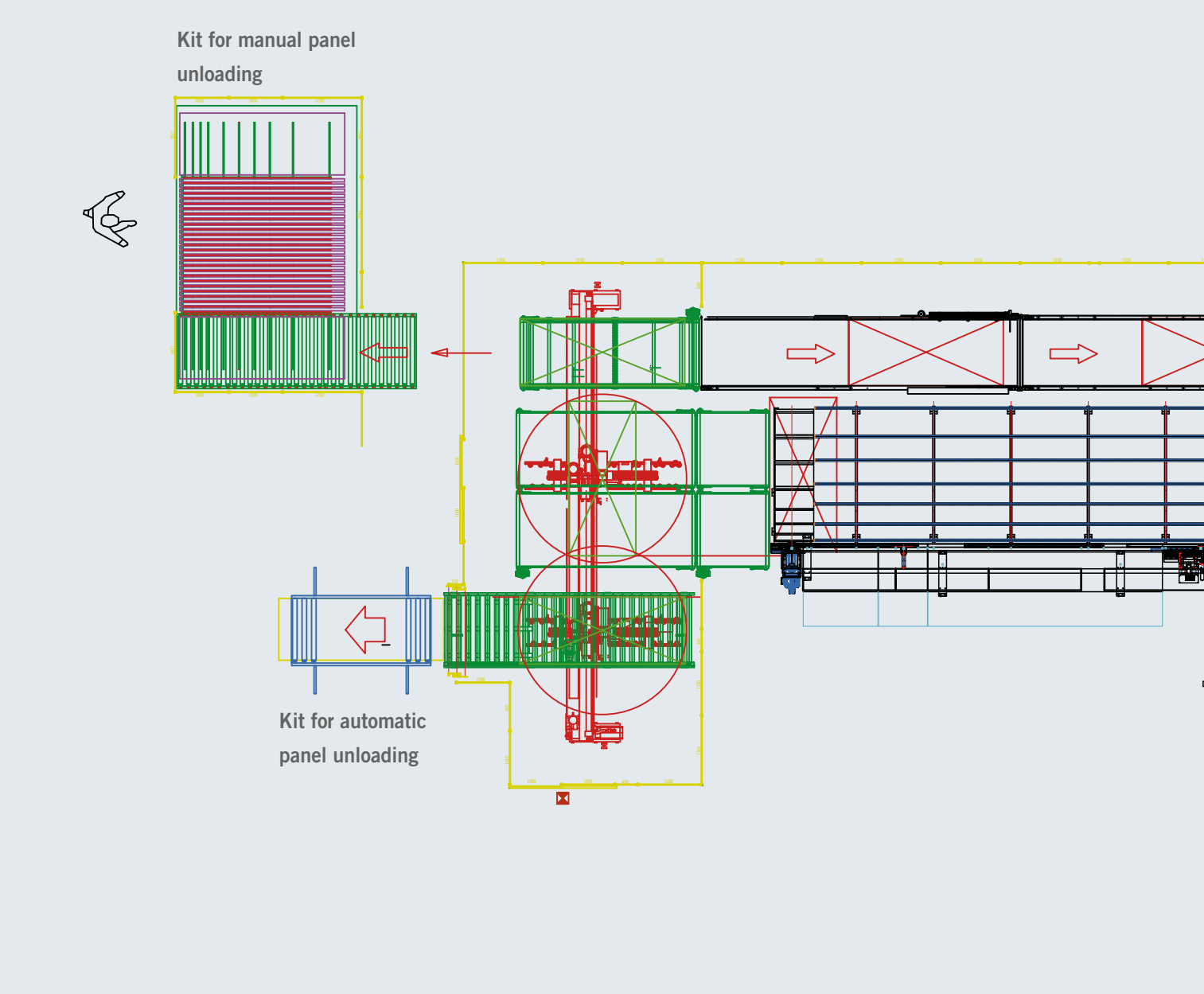
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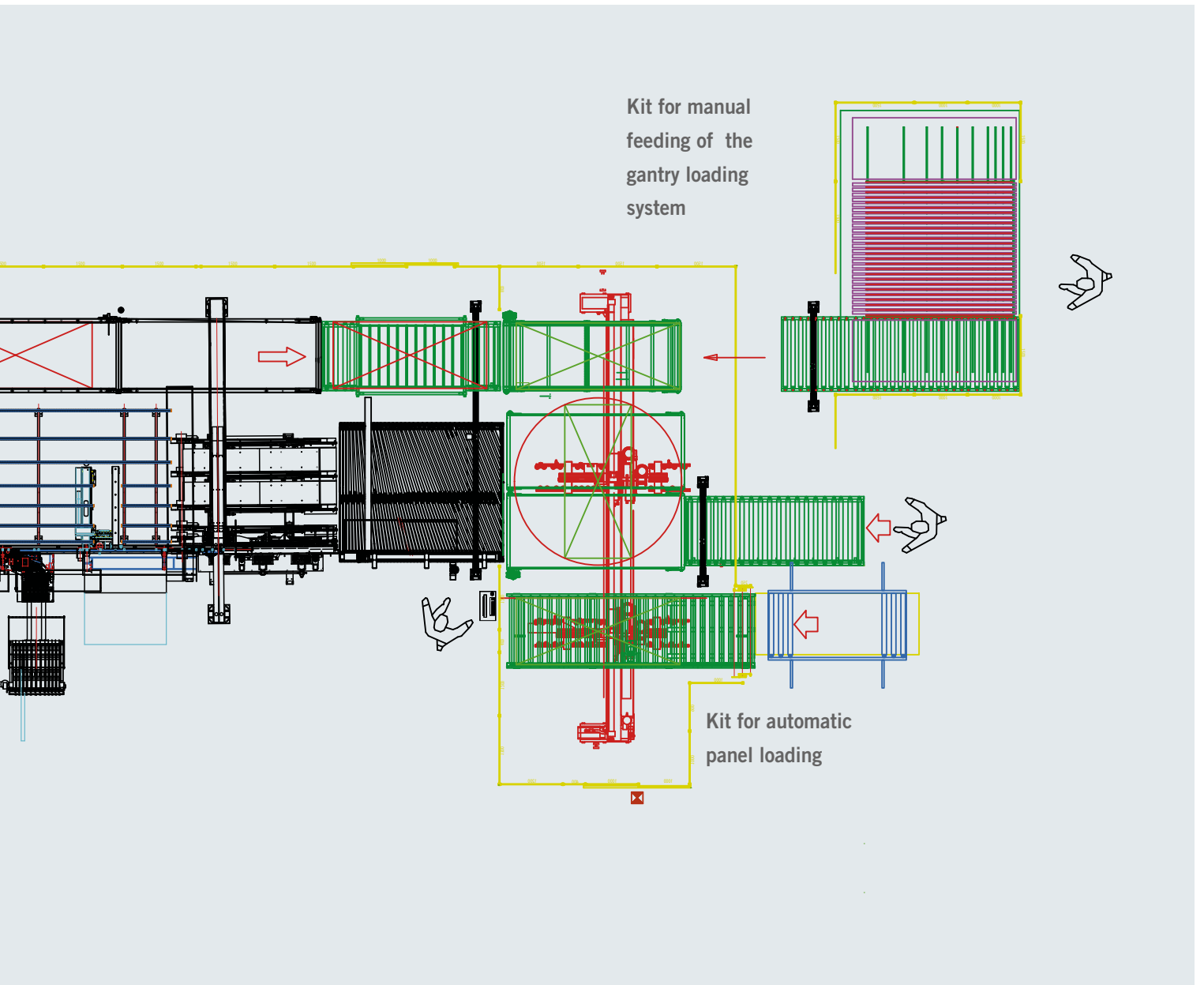
STEFANI CELL H+

PRODUCTIVITY AND QUALITY WITHOUT COMPROMISING

Stefani cell H + is the right choice when productivity and quality become the main demands.
The TOP solution for customization and automation achieve maximum performance in the panel edge banding.



flexible edgebanding solutions

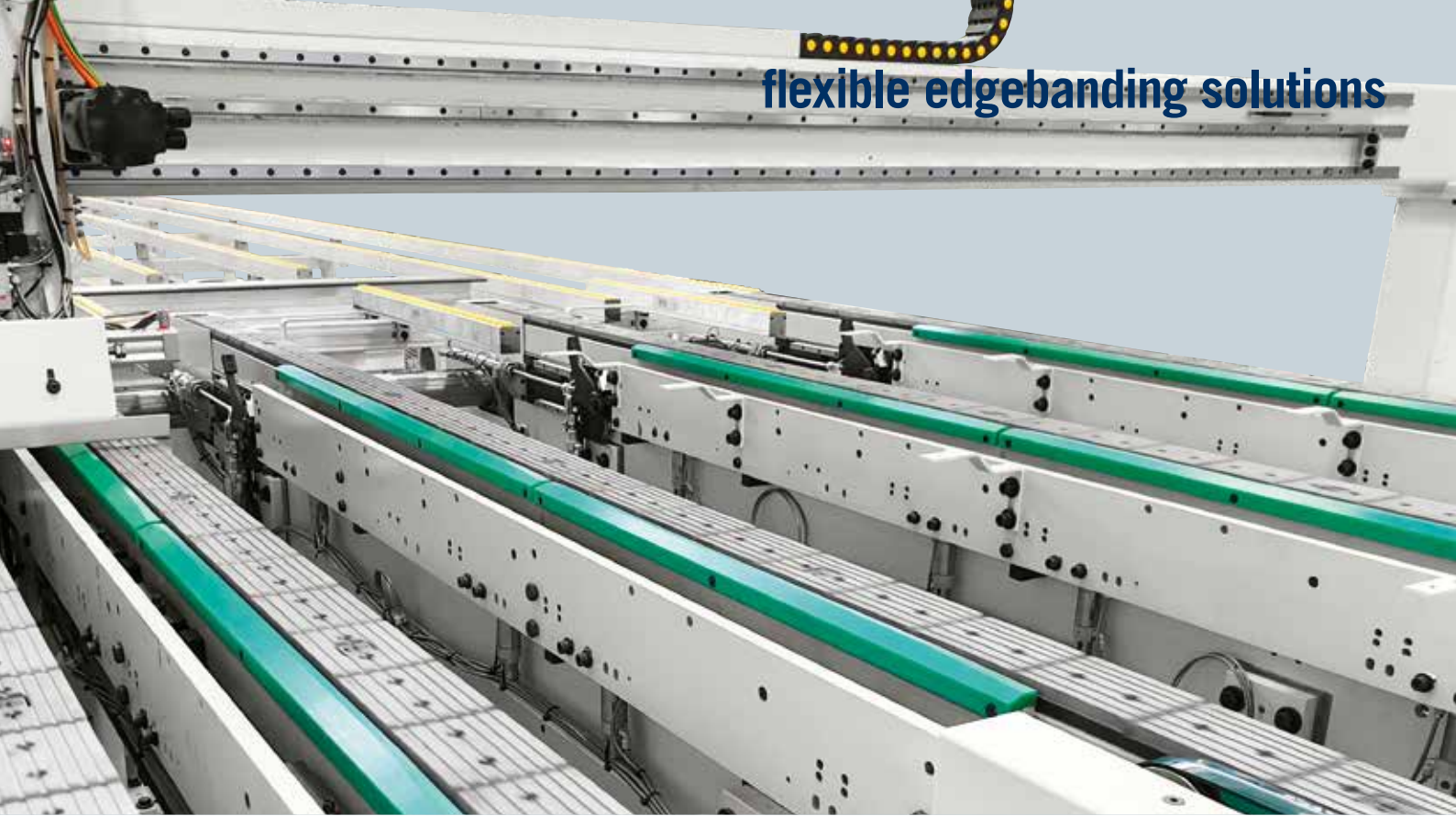


STEFANI CELL H+



Stefani cell H+” combines the TOP PERFORMANCE LEVEL of square-edgebanding and the panel handling equipment to ensure the highest levels of productivity, quality and processing flexibility that distinguishes the whole stefani cell range.

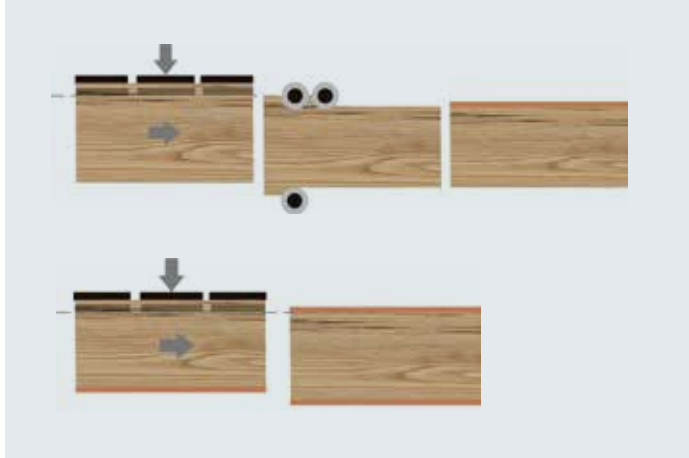




Speed and precision of movement with quick working changeover in flexible mode are guaranteed by operating units equipped with very high performance electronic axes.

WORKING STEPS

Lengthwise feeding



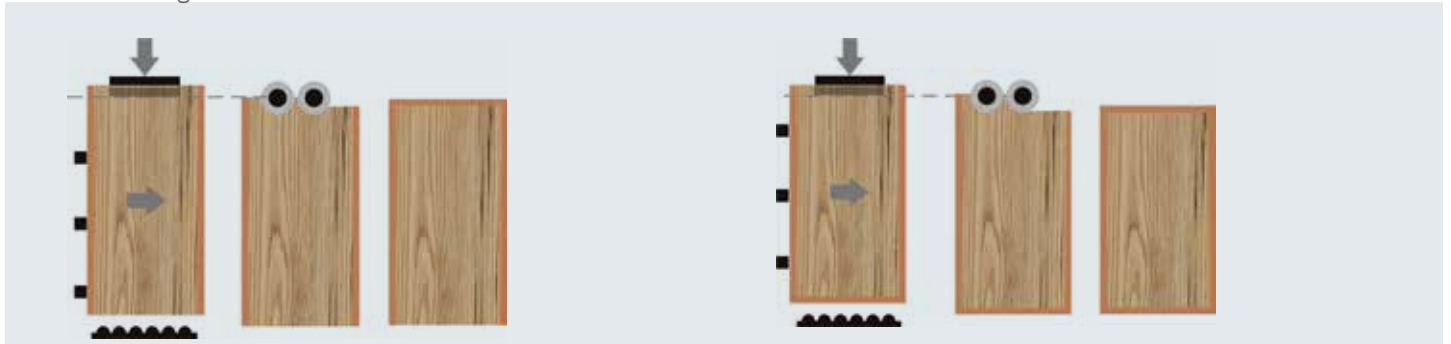
FIRST PASS

Panel alignment to the working line, preparation and edgebanding of the first long edge.

SECOND PASS

Panel alignment to the working line by the NC right side guide, preparation and edgebanding of the second long edge.

Crosswise feeding



THIRD PASS

Panel alignment to the working line and frontal stops, start of the introduction cycle with panel preparation and edgebanding of the first short edge.

FOURTH PASS

Panel alignment to the working line by the NC right side guide and frontal dogs, start of the introduction cycle with panel preparation and edgebanding of the second short edge.

STEFANI CELL

	stefani cell E	stefani cell S	stefani cell H/H+
Program change to Batch 1 (reading of unique code on panel by Bar Code / Qr Code)	YES	YES	YES
Possibility to size the panel	NO	YES	YES
Type, colour, thickness, edge protection film	YES	YES	YES
Panel dimension change	YES	YES	YES
Groove position and depth (in flexible mode)	NO	YES	YES
Glue dosage change	YES	YES	YES
Addition of a panel during Batch 1 machining	YES	YES	YES
Homogeneous panels management	YES	YES	YES
Closed loop management	YES	YES	YES
Panel re-machining	YES	YES	YES
Edge banders	stefani XD / S	stefani S	stefani ONE / SB ONE



flexible edgebanding solutions



STEFANI ROCKET

NEW SOLUTIONS FOR THE LARGE INDUSTRY

Edgebanders in line with different compositions.

- stefani rocket U: Processing line with automatic panel infeed, with or without panel sizing. U-shape line
- stefani rocket E: Processing line with automatic panel infeed and without panel sizing
- stefani rocket H: Processing line with automatic panel infeed and panel sizing

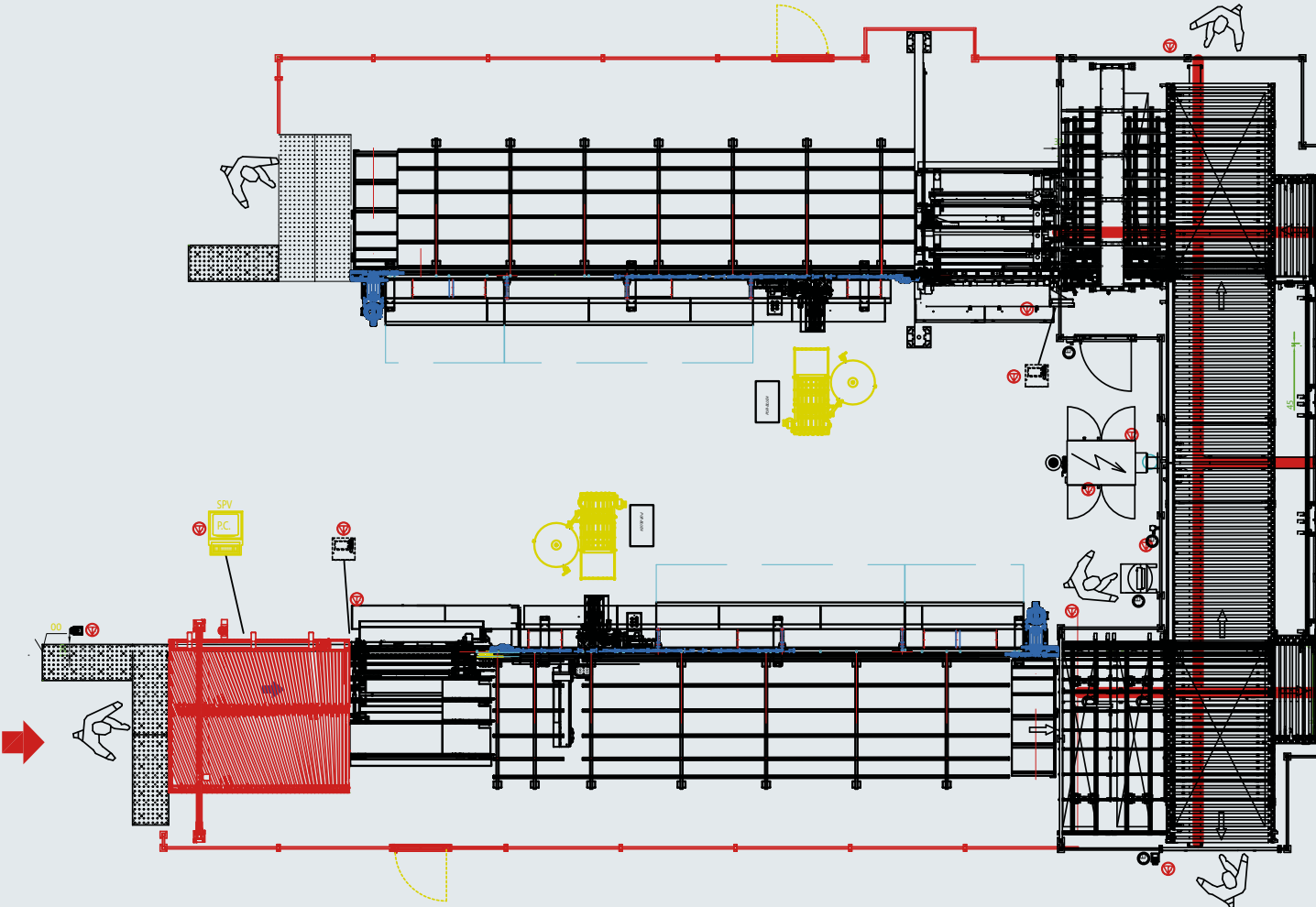


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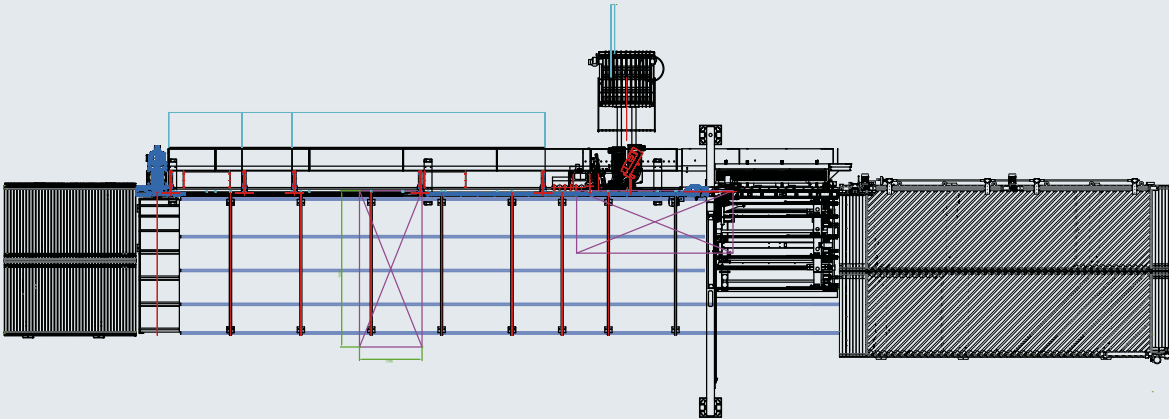


STEFANI ROCKET

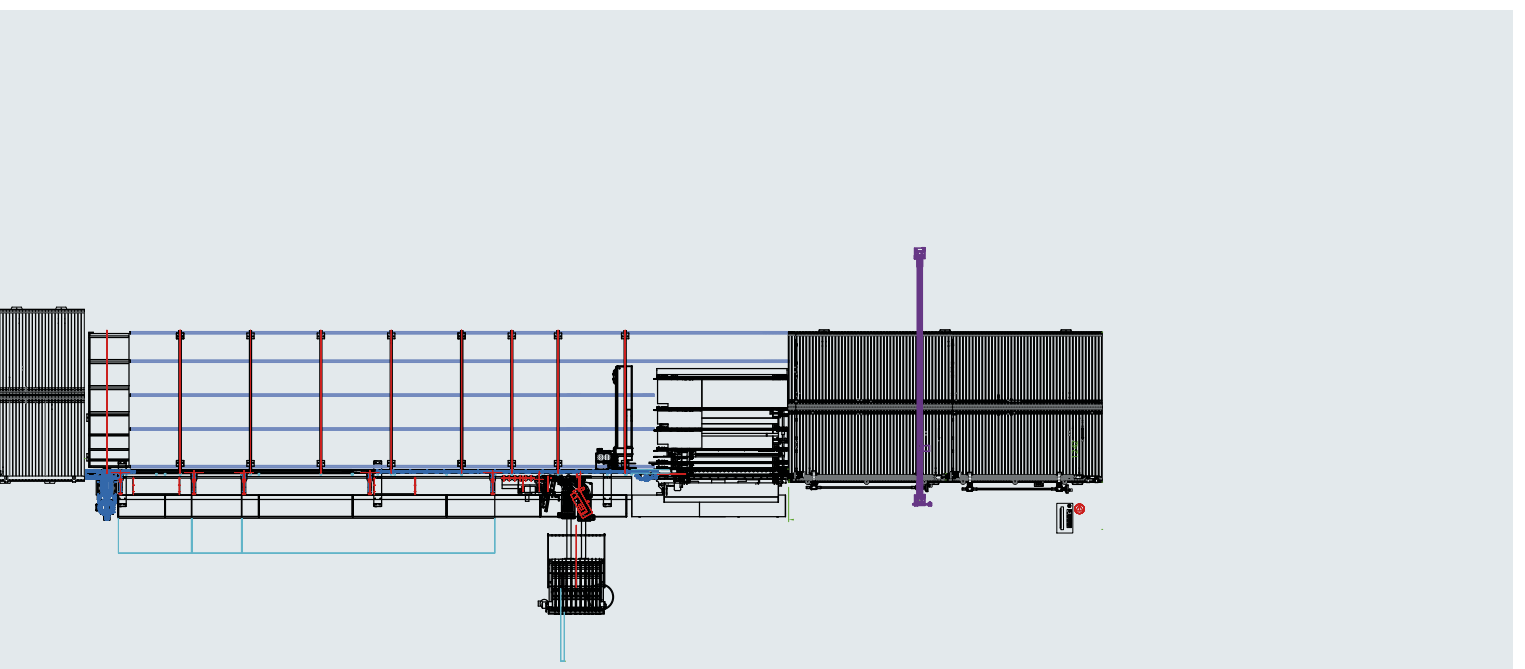
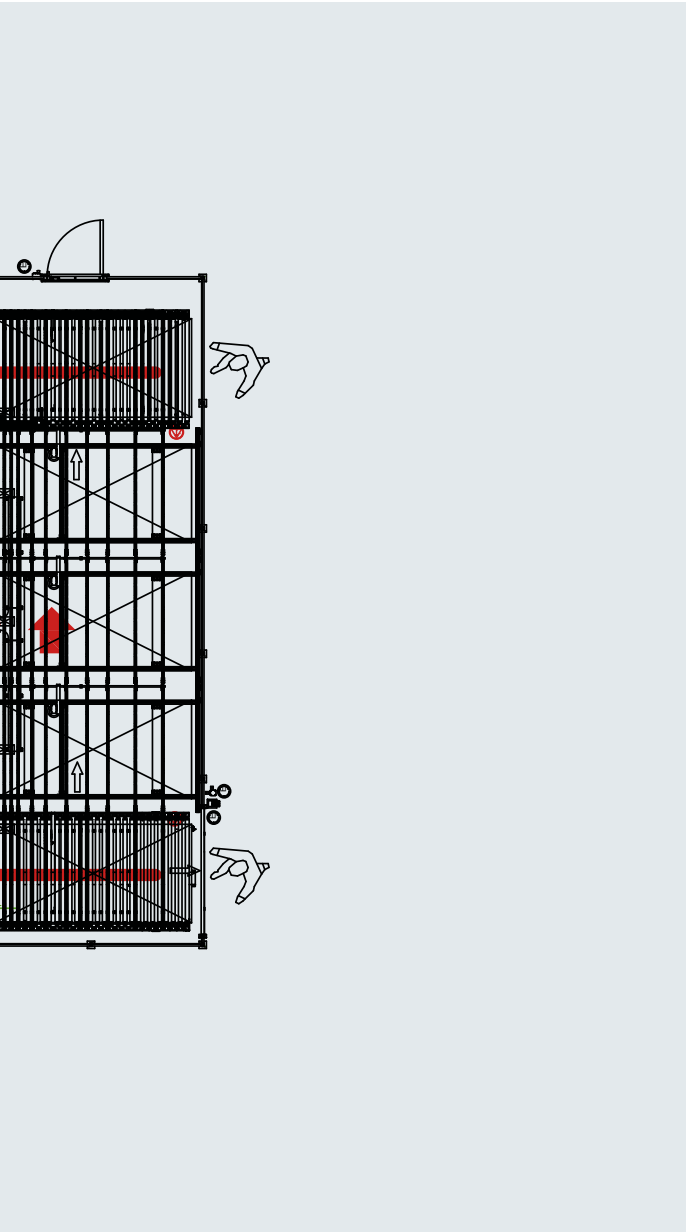
STEFANI ROCKET U



STEFANI ROCKET E/H



flexible edgebanding solutions



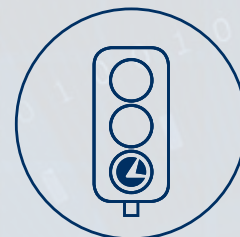
M Maestro Digital Systems

SMART SOFTWARE AND DIGITAL SERVICES TO ENHANCE PRODUCTIVITY OF WOODWORKING AND FURNITURE INDUSTRIES.

Maestro active watch

Maestro active watch is the supervision and control software developed by SCM to control and manage the entire production process.

The software is able to manage all the machines in line in an integrated manner, to program the entire process and monitor all the operations of the plant in real time.

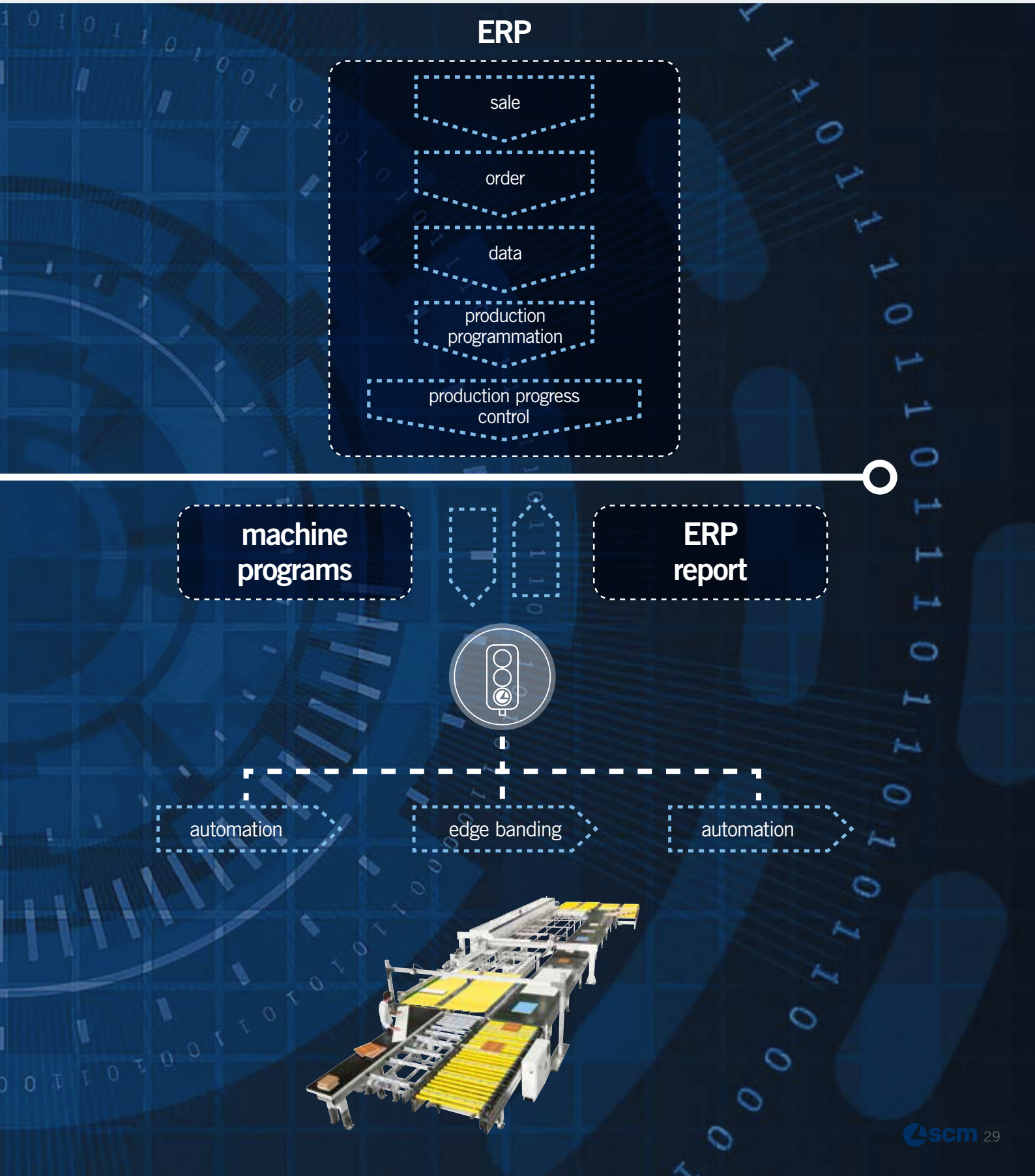


OFFICE

FACTORY

SCM accompanies woodworking companies throughout their whole process combining machines with matching software solutions and digital services, with a constant strive to enhance company productivity.

The software solutions powered by SCM are developed to optimize machine usage as well as the entire process, providing integration with the different software existing in the company.





Maestro active watch

Maestro active watch can be integrated with the company information system by:

- receiving production data from the management or design software to generate the production list
- returning production reports to the MES and / or management software company,
- transmitting what was produced and in what times.

Maestro active watch also allows to:

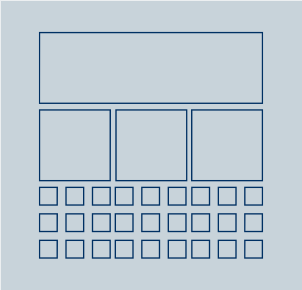
- immediately start programs on all the machines in the line
- carry out a preliminary check on the machining feasibility
- manage the line “by area” to ensure maximum productivity for each program launched.

FUNCTIONS



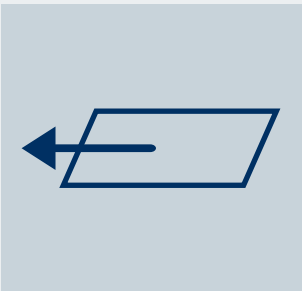
Real-time control of the process

Maestro active watch allows the immediate launch of programs to all the machines of the line. It sets and detects the status of the different machines, monitors their production and records their history.



Display of the plant layout

Maestro active watch is customized and optimized according to the plant to be supervised. The synoptic view of the plant allows a visual check in real time of the process in all its production phases, with monitoring of the progress of the pieces along the line.



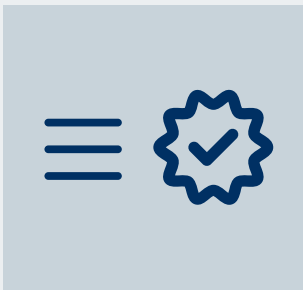
Zero errors in the insertion of the panels in the cell

Maestro active watch always guarantees the panel insertion introduction with the correct side thanks to the SIDE FINDER technology that shows the operator which edge to insert in the cell next.



Simulation of machining times for productivity checks of the cell

Maestro active watch is able to make one preliminary simulation of production times.



Maximum efficiency thanks to feasibility checks

Maestro active watch guarantees immediate availability of the machining information relating to each panel, regardless of where the panel is in the cycle thanks to the continuous tracking provided by the supervisor system.

Maestro active watch also performs a check of machining feasibility for each component.



Report generator to improve production performance

Maestro active watch allows you to generate production reports by operator, working shift, program etc and send them to the company management software.

PROMPT AND EXPERT TECHNICAL SUPPORT THROUGH A NETWORK OF 1000 TECHNICIANS AND AN INVENTORY OF 36,000 SPARE PARTS.

HIGHLY SPECIALISED TECHNICIANS, EFFICIENT
MANAGEMENT AND 6 SPARE PARTS BRANCHES
AROUND THE WORLD GUARANTEE A CLOSE,
SAFE AND EFFECTIVE TECHNICAL SUPPORT.



SERVICE:

A CONTINUOUS COMMITMENT TO PROTECT YOUR INVESTMENT

SERVICE

SCM provides a service that goes beyond the purchase, to guarantee the long term performance of your technological production system and peace of mind for your business.

A COMPLETE RANGE OF AFTER-SALES SERVICES

- installation and start-up of machines, cells, lines and systems
- tailored training programs
- telephone support to reduce times and costs when machines are not working
- preventive maintenance programs to guarantee long term performance
- complete renovation of machines and plants to renew the added value of the investments
- custom upgrading to update machines and plants and meet new production requirements

SPARE PARTS

SCM Group can count on 140 spare parts professionals worldwide to meet any request with real time shipments.



36,000 SPARE PARTS

Our spare parts inventory, with a value of 12 million euros, covers every single machine



SPARE PARTS GUARANTEED

We guarantee also hard to find parts, with 3,5 million euros invested in "critical" spare parts.



IMMEDIATE AVAILABILITY

Over 90% of orders received are carried out the same day thanks to the huge inventory available.



6 BRANCHES AROUND THE WORLD

The spare parts service can count on worldwide support (Rimini, Singapore, Shenzhen, Moscow, Atlanta, São Bento do Sul)



500 SHIPMENTS A DAY



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

20.000 machines manufactured per year

90% export

20 foreign branches

400 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

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
woodworking technology

is more



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