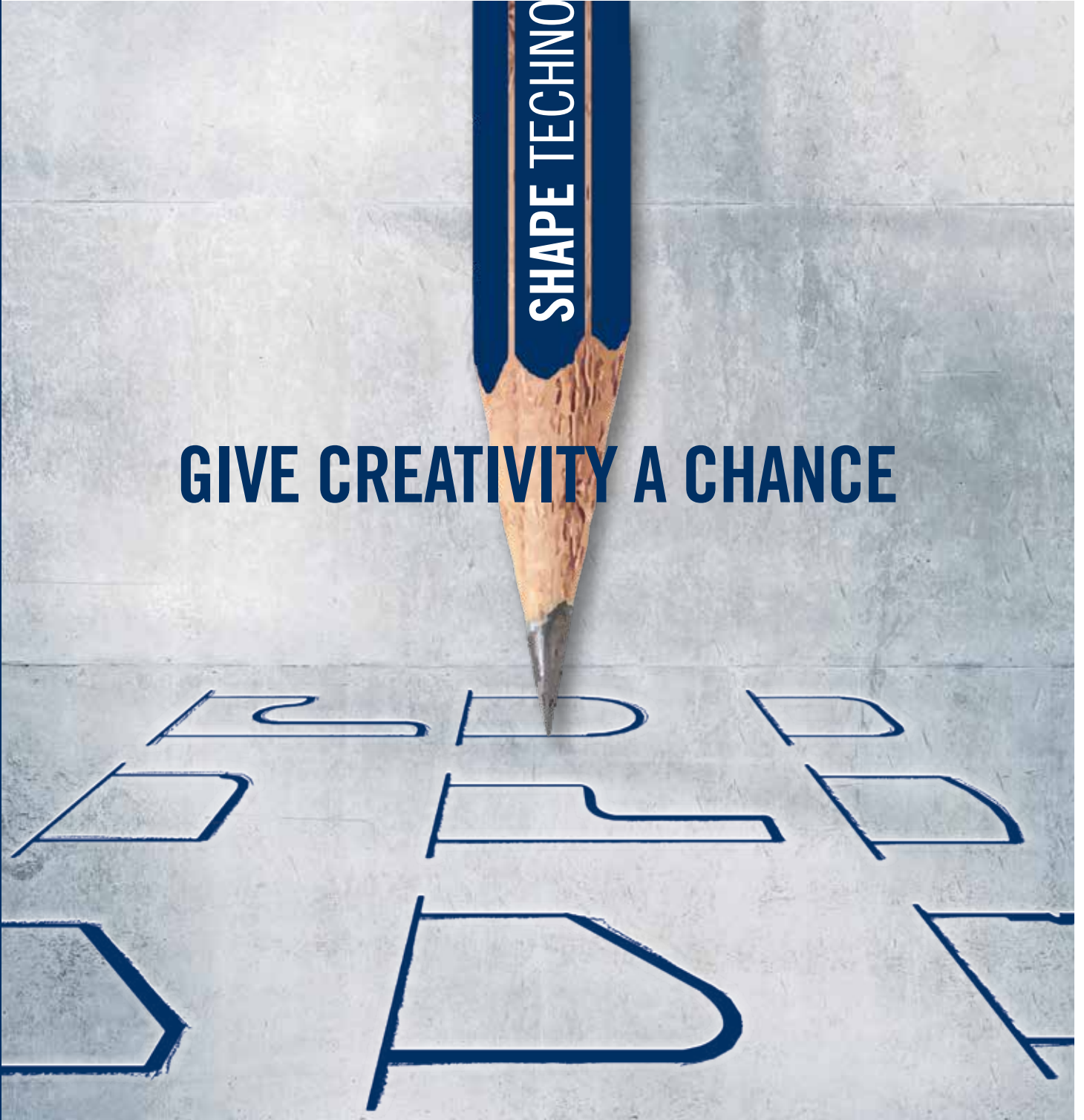


**stefani shape technology**

edge banders, sizing edge banders

**SHAPE TECHNOLOGY**

**GIVE CREATIVITY A CHANCE**

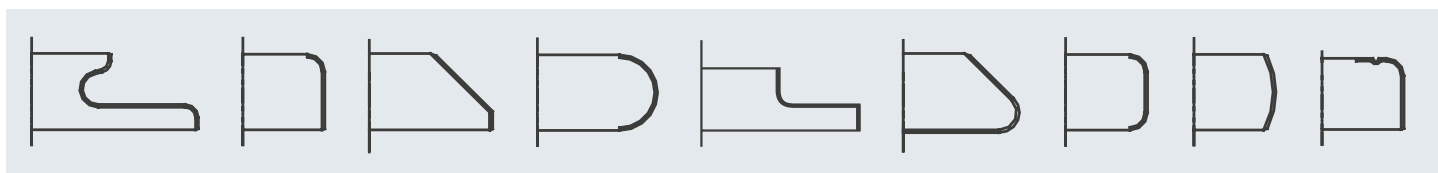


# SOFTFORMING FOR FURNITURE

THE BEST IN SOFTFORMING  
FOR ANY TYPE OF PROFILE



J profile on MDF and chipwood panels with edges in PVC up to 0,6 mm thick, ABS and PP



45° profile with step. Thick edge with scoring



45° profile with step. Thin edge



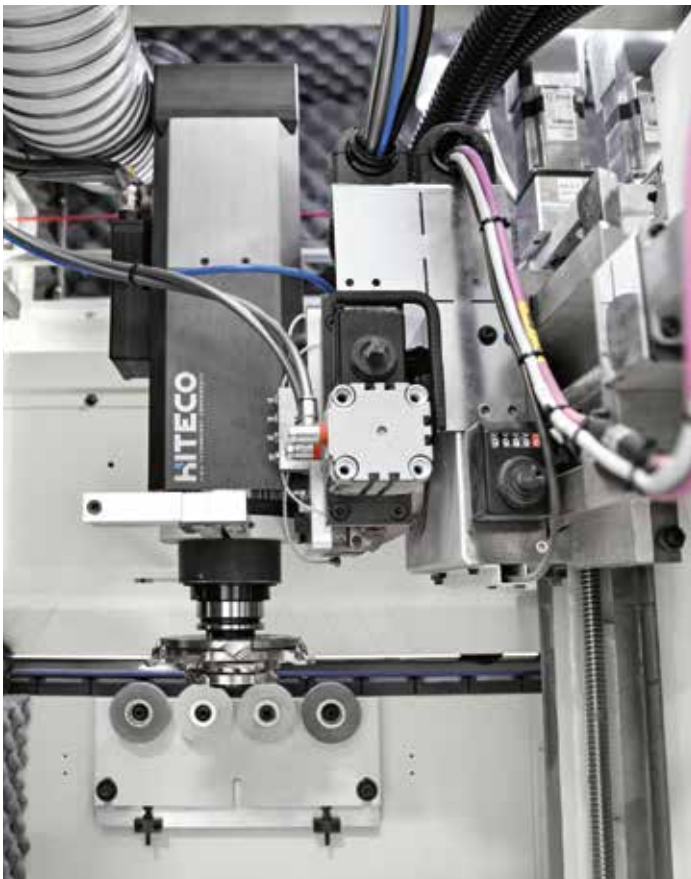


# SOFTFORMING FOR FURNITURE

## PROFILE SHAPING



Shaping unit for the preparation of the profile, top or top+bottom, and for the realization of small radii up to 12 mm.



Shaping unit. Ideal for the production of shaped panels.  
Motor power: up to 10 kW.

# stefani shape technology

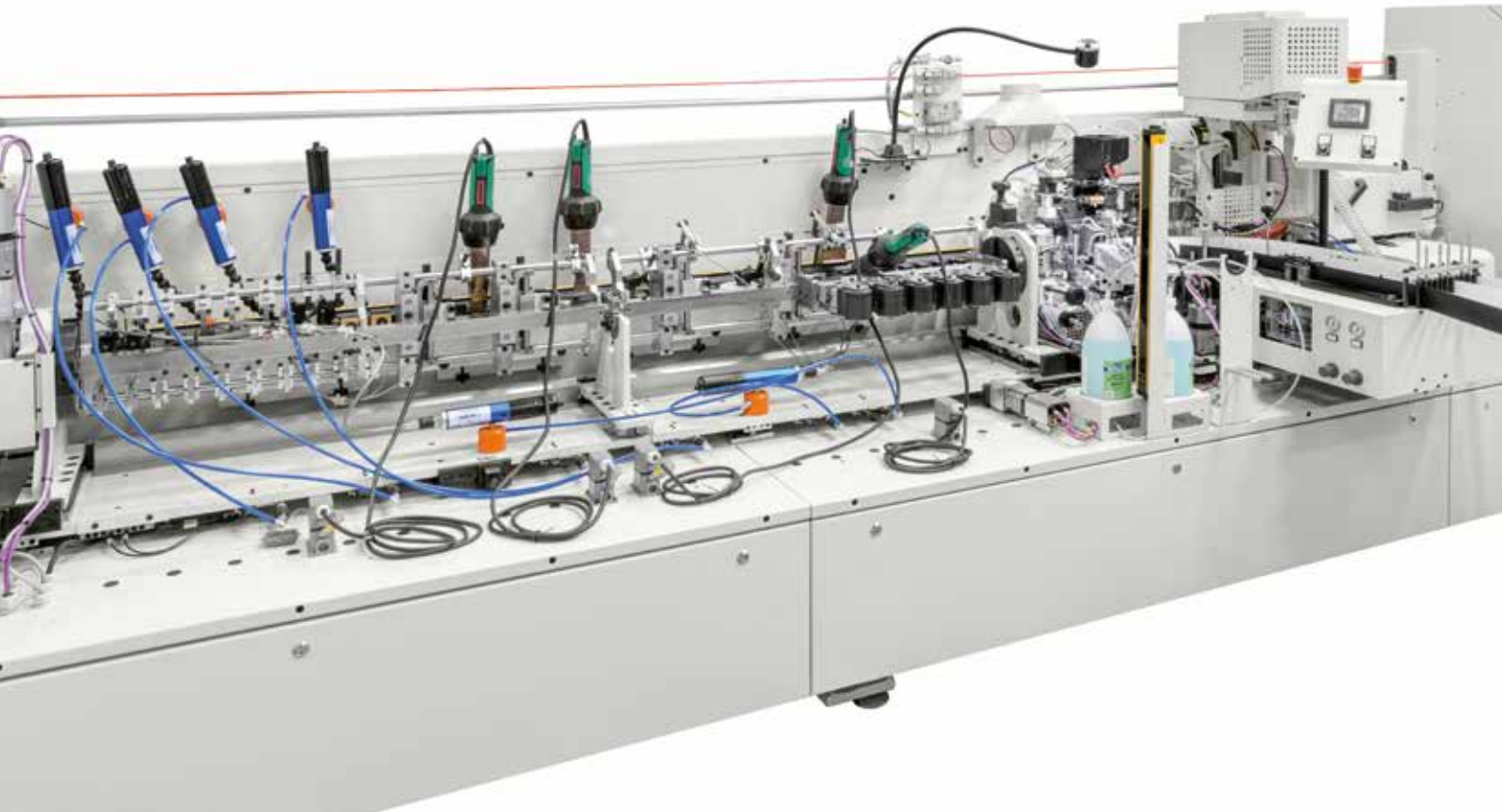


HSK tools for a quick and precise setup for different profiles.



# SOFTFORMING FOR FURNITURE

## EDGE APPLICATION

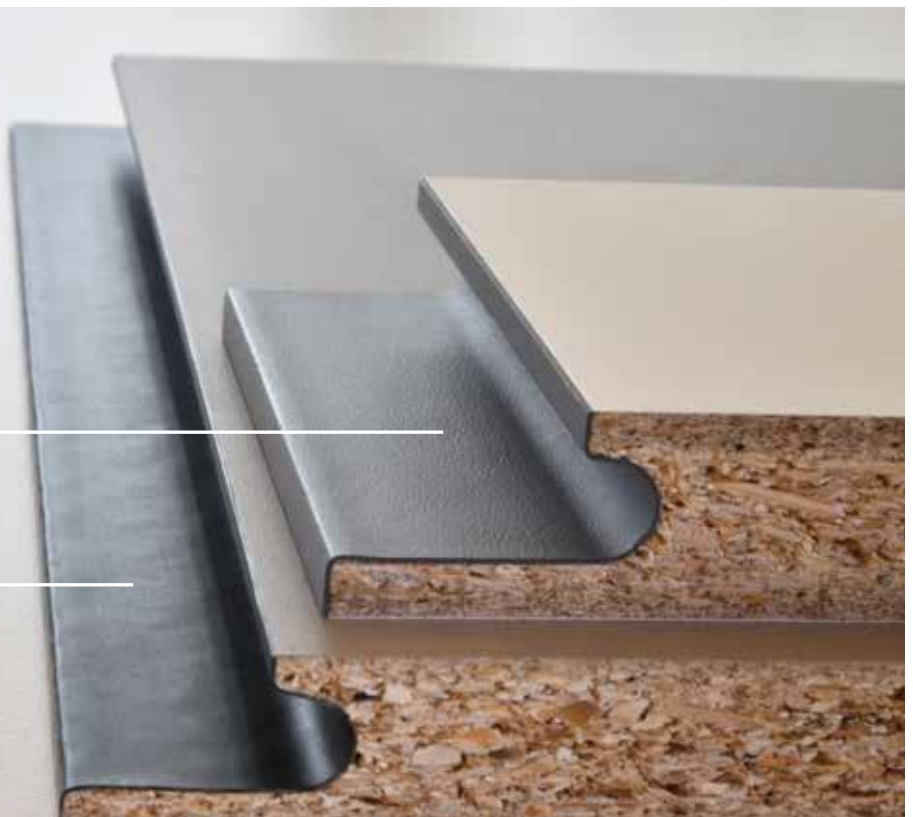


Gluing unit for softforming with pressure zone that can be equipped with up to 4 on-board profile pressure sectors. The length of the pressure zone (1 m, 1.8 m, 2.4 m) and the relative sectors vary according to the profile and the material (panel / edge / glue).

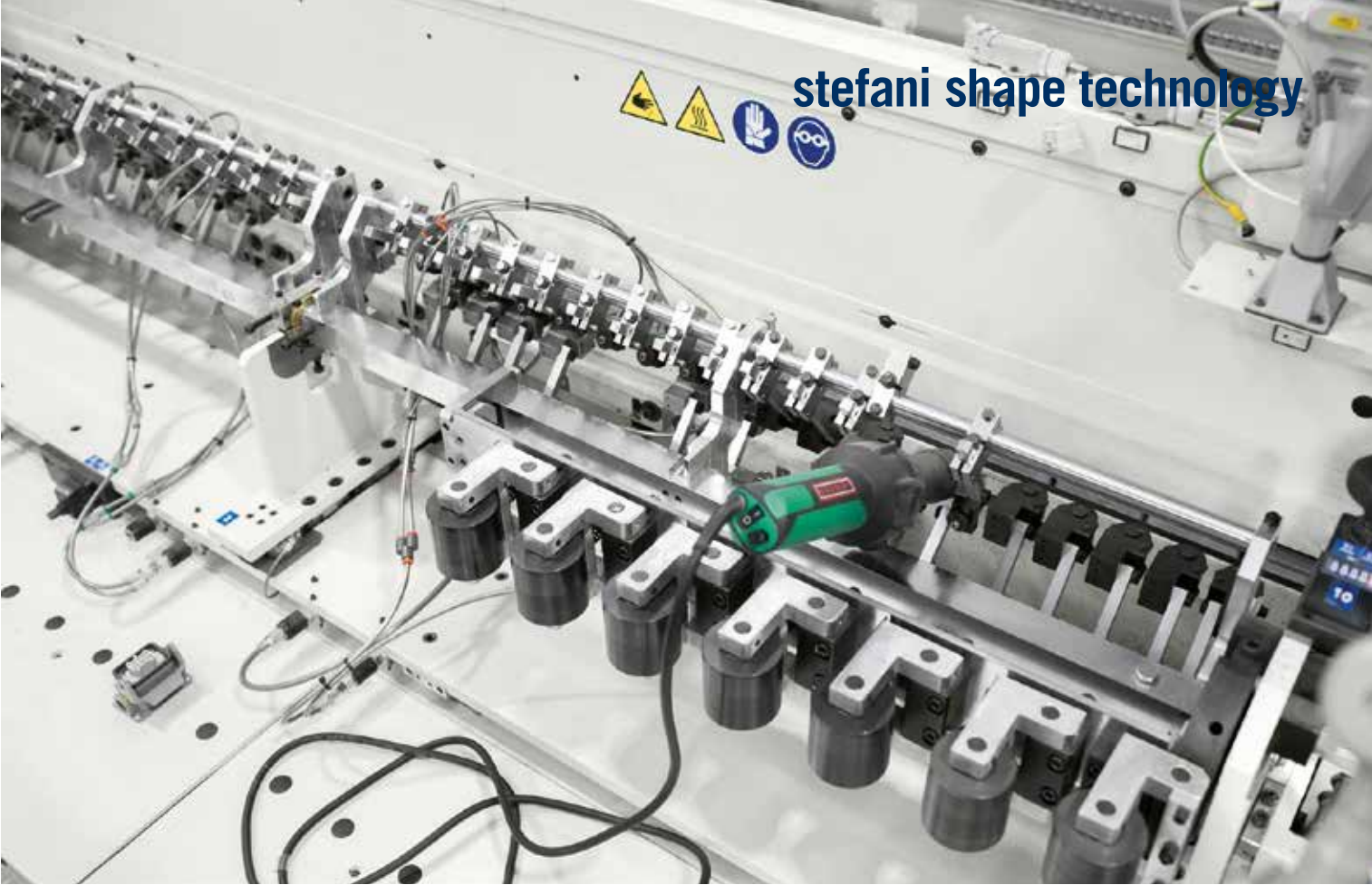
The application of a 0.6 mm thick edge ensures smoother chipboard coating for a better aesthetic quality as well as greater mechanical resistance in use compared to a thin edge.

0,6 mm edge thickness

0,4 mm edge thickness







45° profile pressure sector.

Some Pressure segments specific for different types of profile.



# SOFTFORMING FOR FURNITURE

## EDGE FINISH FOR QUALITY FURNITURE



End trimming unit with optimized cutting geometry, for a better finish of the front and the back of the panel. Suitable for the processing of all types of softforming profiles.



Corner rounding unit for profiled panels.





Servo-driven rounding unit, Round J-side, designed for the complete finishing of J and C type profiles.



Second pass, with Round J-side unit

Second pass, with standard corner rounding unit

Second pass, without corner rounding unit

First pass

# SOFTFORMING FOR FURNITURE

## EDGE FINISHING FOR QUALITY FURNITURE



NC controlled glue scraper for a quick, automatic and precise setting to match the different profiles.



NC controlled edge brightening unit to match different profiles with automatic positioning.



# stefani shape technology



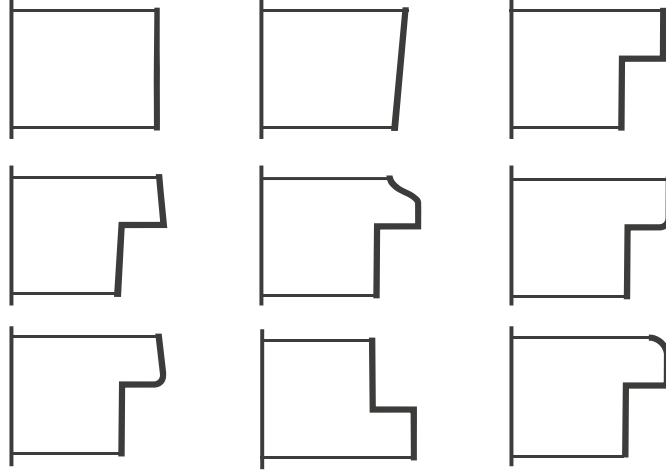


# SOFTFORMING FOR DOORS

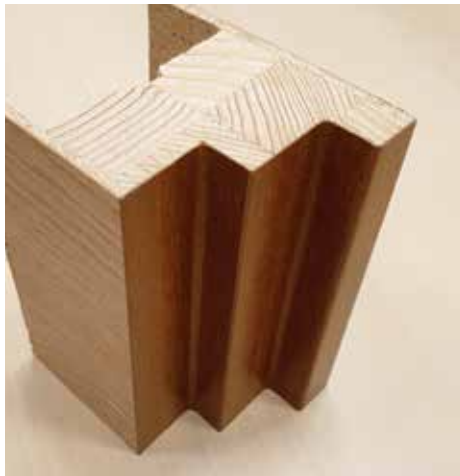
## DOORS MACHINED PERFECTLY WITH THE SCM EXCLUSIVE PROCESS



Straight banding hollow core doors



Softformed Stepped Edge Swing Door



Softforming Double Stepped Edge



Softforming Door with Beveled Edge



Softforming Door with Mating Edge



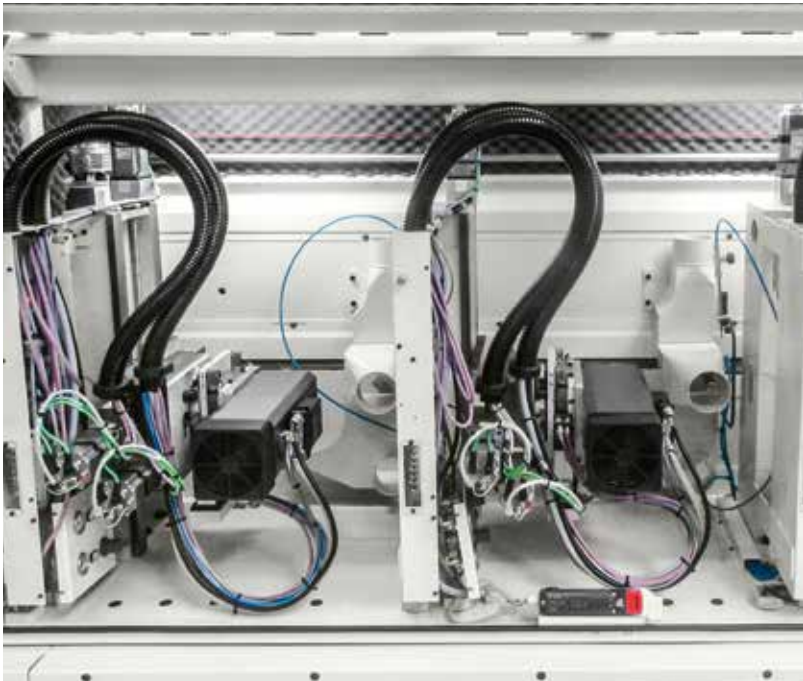
JDoor Jamb / Profiles



Swing Door with Gasket insert



# SOFTFORMING FOR DOORS



Multi-tool profile area to process different profiles.



MX80 HSK SOFT profiling unit with quick tool change.



Gluing unit for thin/soft edges doors processing.

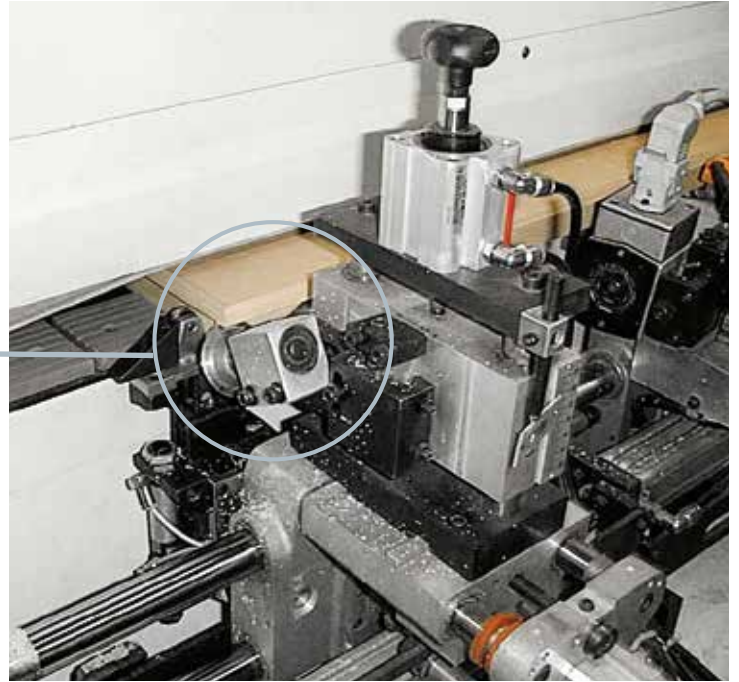


Pressure and edge shaping area specific for every profile.





Corner finishing units for doors edgebanded on 3 or 4 sides.



C3 rounding unit specific for the finishing of corners on three or four sides of the door.



Sanding units for the finishing of doors machined with veneer edge.

# SOFTFORMING TECHNOLOGY



**stefani s**  
**stefani sb**  
**stefani sb one**  
**stefani one**  
**stefani 60**



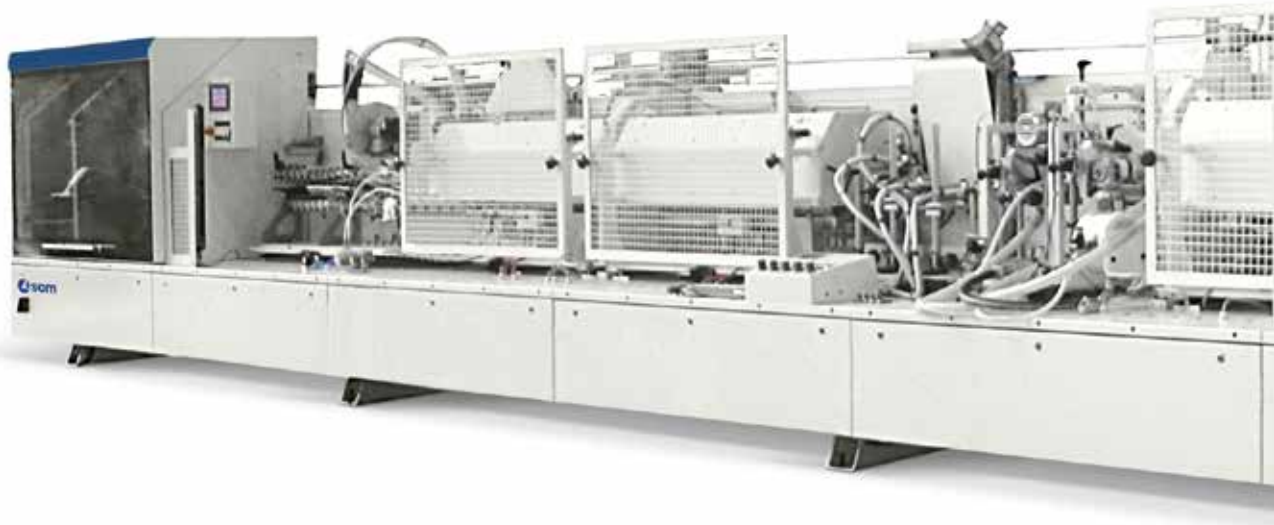


# POSTFORMING AND PREFORMING TECHNOLOGY





# POSTFORMING



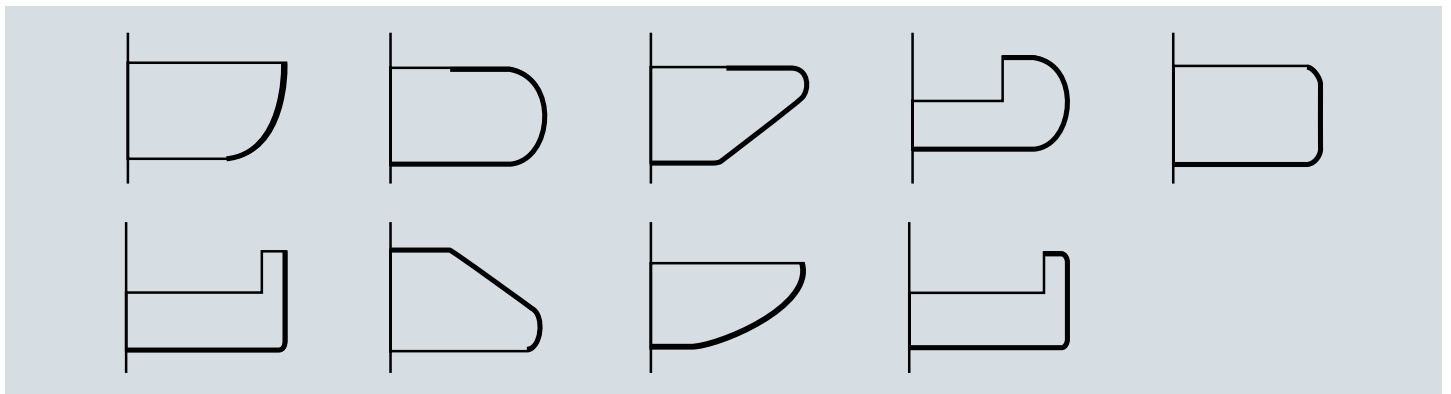
## TECHNICAL DATA

Max laminate thickness	Rigid: 0.8 mm	Not rigid: 1.5 - 2 mm
Max panel thickness	Without drop edge extension 45 mm	With drop edge extension 80 mm
Min/Max panel width	120/1200 mm	
Max panel speed	20-25 m/min	
Max laminate overhang from the working line	80 mm (opt 110 mm)	
Productivity	From 500 to 2000 panel/shift (depending on dimensions and weight of the processed component)	
Architecture	Manual loading, possibility to be integrated with automatic loading/unloading system	





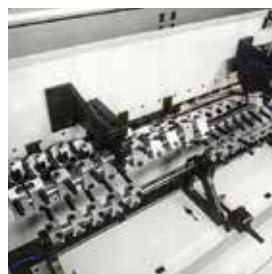
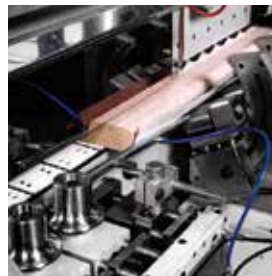
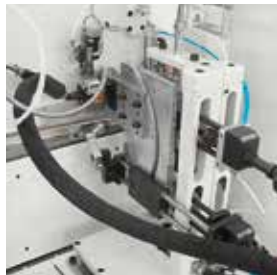
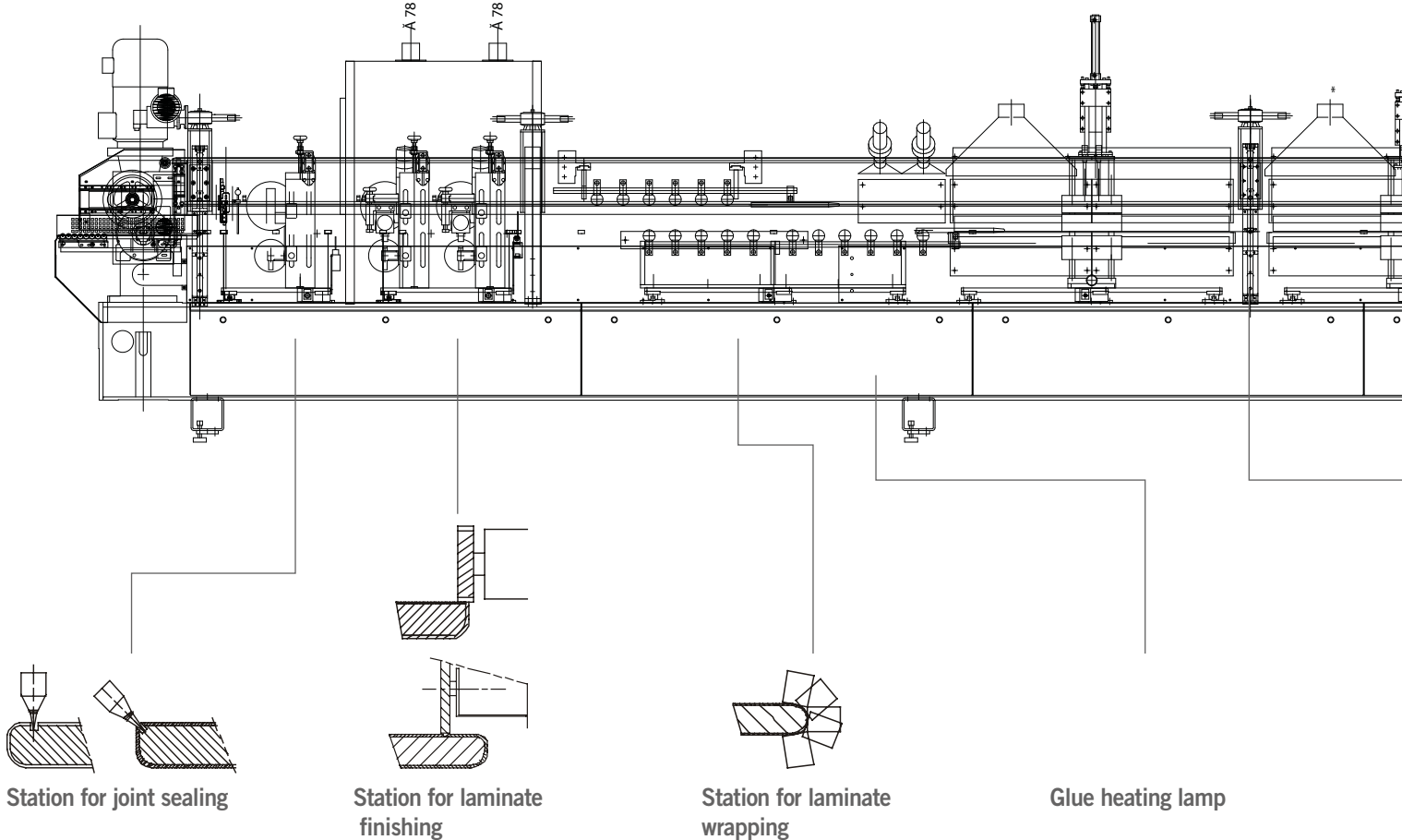
## TYPES OF PROFILES

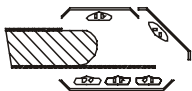
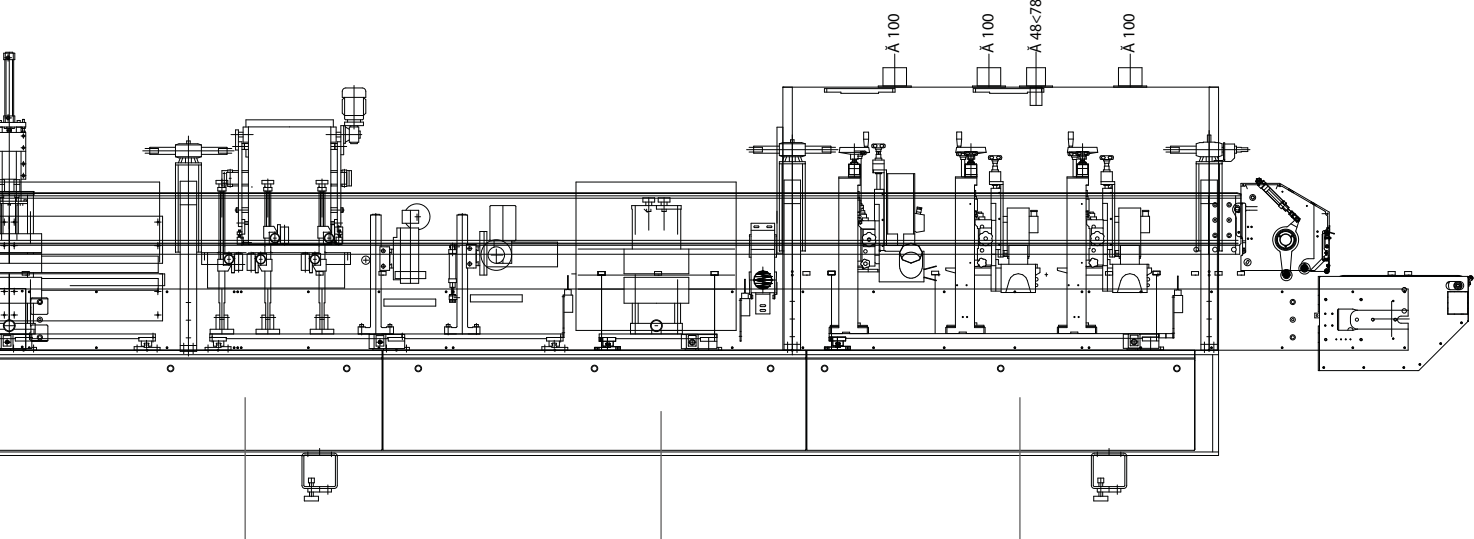


# POSTFORMING

## ENDLESS POSSIBILITIES

A complete catalog of profiles are achievable with SCM edgebanders for postforming, thanks to the wide range of processing units specifically developed to be installed in bespoke edgebander compositions.

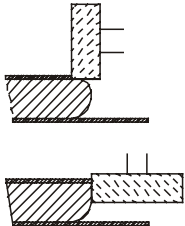




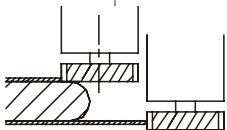
Station for laminate softening



Station for glue application on a non-flat surface



Station for glue application on flat surface



Station for laminate preparation





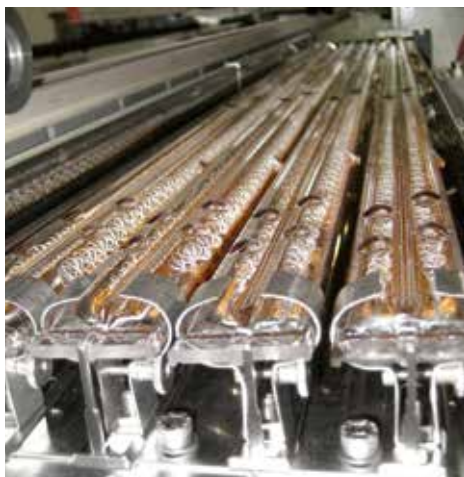
# PREFORMING

## FOR DEMANDING APPLICATIONS

Edgebanding obtained directly from the panel in a single solution.  
Precision, robustness and know-how for the maximum expression of edgebanding.



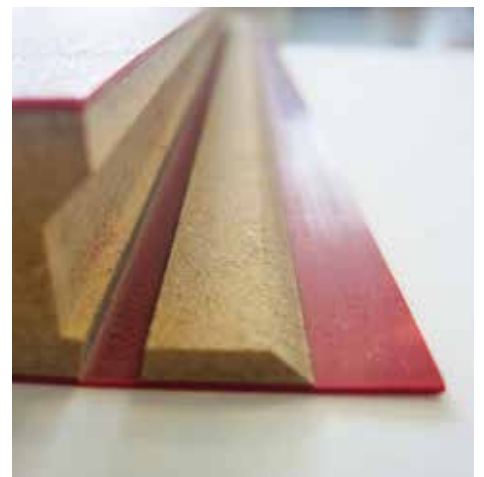
Complete sealing  
of the profile for a  
perfect joint.



High-power lamps with short-wave  
technology.



Longer edge pressing area for perfect folding and profile closing.





Profiling area equipped with high performance motors for maximum precision.







# WE'LL GO THE EXTRA MILE FOR YOU



SCM OFFERS A FULL RANGE OF **HIGHLY SPECIALISED SERVICES** WITH A QUALITY AND RELIABILITY THAT STEM FROM 70 YEARS OF EXPERIENCE IN THE INDUSTRY.

From installation and production start-up to services and maintenance. From training to the supply of specific original spare parts: **we provide solutions designed around you!**

 <p><b>SERVICE AND MAINTENANCE</b></p> <ul style="list-style-type: none"> <li>• Remote support</li> <li>• Scheduled maintenance contracts</li> <li>• Warranty extension</li> </ul>	 <p><b>TRAINING SERVICE</b></p> <ul style="list-style-type: none"> <li>• Courses for machine operators</li> <li>• Software and programming courses</li> <li>• Training in production start-up</li> </ul>
 <p><b>SPARE PARTS</b></p> <ul style="list-style-type: none"> <li>• Recommended spare parts list</li> <li>• E-shop</li> <li>• Interactive spare-parts catalogues</li> <li>• Repairs on electronic parts, glue tanks and electro-spindles</li> </ul>	 <p><b>DIGITAL SERVICES</b></p> <ul style="list-style-type: none"> <li>• Maestro Connect - IoT platform to be constantly connected with your machines</li> <li>• Smartech - assistance with augmented reality</li> <li>• My Scm portal - opening of service ticket and single point of access to the apps and Services tools</li> </ul>

**CONTACT**

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 www.scmwood.com





# THE STRONGEST WOOD TECHNOLOGIES ARE IN OUR DNA

## SCM. A HERITAGE OF SKILLS IN A UNIQUE BRAND

70 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.

**70** years history

**3** main production sites in Italy

**300.000** square metres of production space

**20.000** machines manufactured per year

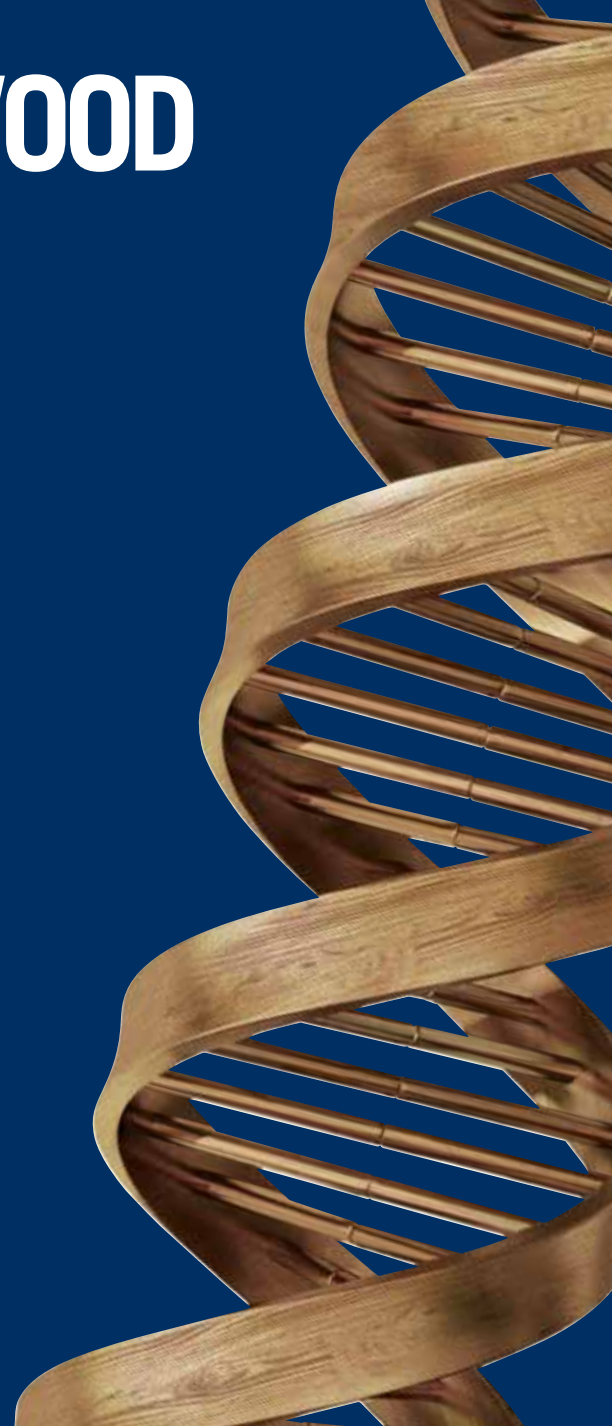
**90%** export

**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 equipment and components for machining the widest range of materials.

## SCM GROUP, A HIGHLY SKILLED TEAM EXPERT IN INDUSTRIAL MACHINES AND COMPONENTS

### 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

### INDUSTRIAL COMPONENTS

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



SPINDLES AND  
TECHNOLOGICAL  
COMPONENTS



ELECTRIC PANELS



METALWORK



CAST IRON



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