stefani shape technology

GIVE CREATIVITY A CHANCE
SOFTFORMING TECHNOLOGY
THE GREATEST KNOW HOW AND EXPERIENCE IN EVOLVED SOFTFORMING EDGES

“45” profile with flat surface

“Step” profile

“45” profile with thick PVC edge

“45” profile with thick wooden edge
SOFTFORMING TECHNOLOGY
J-SIDE: PERFECT FINISHING OF SHAPED PANELS

“J” profile, PVC material and veneer processed with J-side.
J-side
Thanks to the J-side kit, the sides of components are finished after the softforming process.
SOFTFORMING TECHNOLOGY

Shaping unit for the preparation of the profile, top or top+bottom, and for the realization of small radii up to 12 mm.
Tool diameter: 76 mm
Power: up to 1.8 kW

Shaping unit. Ideal for the production of shaped panels.
Tool diameter: - Blade 220 mm - Tools: 125 mm
Power: up to 10 kW

Quick and precise set-up with the possibility of the HSK tool release.
Gluing unit for softforming with 1.8 m / 2.4 m long pressure zone. Ideal for any type of profiles with edge thickness up to 0.6/0.8 mm and EVA/PU glue.

Pads specifically shaped for every single profile.

Up to 4 profiles can be installed in the same machine with manual rotation or by NC.
Longitudinal shear for the perfect cutting and matching of the edge to the face junction.
4-motor corner rounding unit for the complete processing of the profile. Rounding of corners even on very complex profiles.

2-motor corner rounding unit, power assisted, for the complete finishing of “J” and “C” profiles with the special J-side kit.
DOOR TECHNOLOGY
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 Jambs / Profiles
Swing Door with Gasket insert
Composition of the multi-tool profile area for processing different profiles.

Gluing unit for the processing of doors with thin/soft edges.
Pressure and edge shaping area specific for every profile.

Gluing unit for the processing of doors with edges in soft and rigid veneer.
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.
stefani shape technology
DOOR/SOFTFORMING TECHNOLOGY

stefani s
stefani one
stefani sb
stefani 60
POSTFORMING AND PREFORMING TECHNOLOGY
stefani shape technology
**POSTFORMING TECHNOLOGY**

**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

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**TECHNICAL DATA**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Rigid: 0.8 mm</th>
<th>Not rigid: 1.5 - 2 mm</th>
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</thead>
<tbody>
<tr>
<td>Max laminate thickness</td>
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TYPES OF PROFILES
ENDLESS POSSIBILITIES

A complete catalog of postforming profiles are achievable with SCM edgebanders for postforming, thanks to the wide range of work units specifically developed to be installed in a modular and custom way on the various 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 TECHNOLOGY

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 correct folding and closing of the profile.
Profiling area with very high performance motors for maximum precision.
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.

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

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

SPARE PARTS
• 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

IMMEDIATE AVAILABILITY

IMMEDIATE AVAILABILITY
THE STRONGEST WOOD TECHNOLOGIES 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 equipment and components for machining the widest range of materials.

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

<table>
<thead>
<tr>
<th>INDUSTRIAL MACHINERY</th>
<th>INDUSTRIAL COMPONENTS</th>
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<tbody>
<tr>
<td>Stand-alone machines, integrated systems and services dedicated to processing a wide range of materials.</td>
<td>Technological components for the Group’s machines and systems, for those of third-parties and the machinery industry.</td>
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<tr>
<td>scm</td>
<td>HITECO</td>
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<td>woodworking technologies</td>
<td>spindles and technological components</td>
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<td>Cms</td>
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<td>Technologies for processing composite materials, aluminium, plastic, glass, stone, metal.</td>
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<td>scmfonderie</td>
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