

## SCM PRESENTS “STEFANI X”

***SCM's new industrial edgebanding machine has been designed to offer top-quality machining on any kind of panel and material, to fully meet the needs of a connected and integrated digital factory***

Yet another high-tech new entry from SCM to satisfy the latest trends in furniture and design in terms of flexible and 4.0 production.

The new "**stefani x**" industrial edgebanding machine has everything it takes to win over the market. Each detail has been designed to offer an extremely innovative solution and in line with the industry's more complex demands: from the machine's structure to the digital and electronic control systems; from the machining units with power assisted movement to the latest gluing devices, for an even faster, more efficient glue change.

The result is a **highly configurable, customised** edgebanding machine, designed to reliably work several shifts and capable of providing **top-quality machining**, both in the stand-alone version and in integrated cells or lines.

One other important advantage is its ability to achieve maximum quality standards easily and without interruption, even on the most delicate, state-of-the-art materials, thanks to **SCM's new electronic touch systems**.

Furthermore, in an attempt to meet the increasingly more widespread demands for flexible, connected and integrated production, "stefani x" offers an exclusive **digital control system** that means it can operate in perfect synergy with other technologies and IT systems as well as MES management used in the factory.

### **The end of compromise in productivity**

SCM's new industrial edgebanding machine can machine panels at a **speed of up to 30 m/min** during several shifts per day. All this, thanks to top-of-the-range units and a new, highly rigid mechanical structure.

It also has new **dynamic units**, custom-designed to further increase performance and to include additional high-end functions if requested.

### **Highly flexible even when changing the glue**

Another significant new feature of "stefani x" is the gluing unit which, thanks to the unique "**glue switch**" solution, allows for a *just in time* change of colour and glue type, thus achieving even more flexible, efficient production. The "secret" lies in the fact that there are simultaneously **two glue tanks** which, during machining, can be interchanged using the type and colour of glue requested by the work program. The glue tank can also be replaced or maintenance work carried out on it without having to stop the edgebanding machine.

### **Top quality even on the most delicate edges**

The new "stefani x" offers top-quality gluing no matter what type of edge there is. Indeed, the intensity of the first pressure roller can be automatically adjusted by the edgebanding machine's control system. Furthermore, the edge can be replaced without any distance limit between the panels thanks to the new automatic edge change device with 2 and 6 rolls and with a roller change system that allows for a reduced interspacing of 350 mm.

### **New range of high-end electronic units**

The new "stefani x" electronic units are designed to meet two objectives that are key to the market: ease of use even for more complex machinings on delicate, "trending" materials, thanks to an

automatic, flexible set-up, as well as repeatability, quality and accurate production processes, thanks to the electronic touch.

**1. Y-SE 1000 Servo and Y-SE 1200 Servo end trimming units**

For constant precision when cutting, irrespective of the amount and kind of panels machined, to optimise machining work even on the most delicate panels, automatically control adjustments and correct any machining errors on the spot.

**2. Round 2 Servo rounding unit**

To ensure top quality machining on any profile and optimise the processes even on three different edge thicknesses.

**3. RC-E Multileaf glue scraping unit**

Ideal for machining panels with film, thanks to the automatic tool adjustment for any film thicknesses.

*"This new edgebanding machine is a further advancement to accompany and support designer furniture businesses in optimising their production processes together with the technological innovation and know-how acquired by SCM in the edgebanding sector over a period of seventy years - highlights SCM's Edgebanding Business Manager, **Fabio Cernoia** -. The new "stefani x" is proof that an edgebanding machine needs to be much more than a machine. In fact, it needs to be an all-round technological project that is highly configurable and versatile, where it is the quantitative and qualitative composition of the units that make a difference to the panel machining process".*

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**Scm Group** is the global leader in technologies for machining a wide range of materials: wood, plastic, glass, stone, metal, composite materials and industrial. Across the globe, the group's companies act as highly reliable partners to leading industries in a wide range of product sectors, from furniture to construction, automotive to aerospace, and yachting to plastic machining.

Scm Group coordinates, supports and develops a system of industrial excellence in 3 large, highly specialised production centres in Italy with a direct presence in 5 continents and with more than 3,700 employees.

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