

SOLUTIONS FOR THE EDGE BANDING The news for a quality flawless finish

The novelty shown at Holz-Handwerk for edge banders **Stefani Solution XD** and **SCM Olympic K560** is the flexible glue pot **SGP**, which allows important optimizations of production times and costs thanks to its automatic emptying cycle and glue dosage, its patented sealing for the leakage of the glue when the roller is stopped and its reduced amount of circulating melted glue.

Features:

Optimal glue line

Glue roller made with special optimized knurling and perfect dosage of the glue in any situation even with automatic adjustment.

Use of EVA and Polyurethane glues

Fast and simple glue changeover thanks to the glue pot and the roller made with special anti-adherent plasma treatment.

Always the best quality of the glue

New premelter for EVA GLUE that allows to have always “new” melted glue in the pot (now available on SCM Olympic K560 too).

Easy and quick maintenance

Special design to reduce maintenance costs of glue pot cleaning.

Exhibited at the fair also the edge bander **SCM Olympic K360**, which has established itself as the new reference of the **entry level with the new corner rounding unit**.



SOLUTION XD

EVERYTHING IS “EXTRA”, EVEN WITHIN THE NAME

High productivity and low operating costs, profitable returns on investments, higher machining quality than any standard, technical perfection without compromises, maximum finishing quality, the possibility to contribute to the construction of high design furniture, utmost flexibility, software and Apps that allow for a very fast passage from programming to production. These are just some of the *highlights* of the new **SOLUTION XD range**, the most current synthesis of **Stefani Know How** in the industrial edgbanding sector, today even more performing thanks to **the new flexible glue pot SGP, which guarantees further optimization of the times and costs of production.**

SOLUTION XD is the perfect solution for super-optimised, highly integrated and extremely evolved production situations. Thanks to the new generation of **“Heavy Duty”** trimming, chamfering and edge scraper units, the more rigid supporting structures with **55%** lighter dynamic parts compared to previous versions, and also to the possibility of extra precise connection between tool and

motor Zero-Lock, end users can generate a high quality production process with the utmost attention to the characteristics of the panels being machined, especially extremely delicate panels. The new range boasts a substantial reduction in production times due to a series of devices such as the **NestingLock** that allows panels with holes for hinges, normally generated through the panel nesting process, to be machined very flexibly and without stopping the machine, reducing set-up times by about **25 minutes** compared to the previous version.

The new generation of corner rounding units with 2 and 4 motors, **Round 2** and **Round 4**, allow for the creation – with practically negligible set-up times – of furniture components for any aesthetic style, by being able to machine three different radiuses with speeds up to **30 metres per minute** on any type of material, including wood. That is not all: today you can achieve immediate track feeling micro adjustments, **up to the hundredth part**, with the new and exclusive patent for SCM GROUPS's **AFS** adaptive track feeling system.

SOLUTION XD, offers the broadest range of finishes for the edge/panel joint, allowing end users to use EVA glue, optimised PU glue, and the **AirFusion** joint free technology.

The new **E-Touch** interface is a veritable virtual operator that allows the machining of any size and mix of orders in incredibly short times, due to the self-learning function and the possibility of managing the entire process so that end users are free from thinking about how to produce something and focus on what to produce.



OLIMPIC K560 HIGH PERFORMANCE AND COMPETITIVENESS AT ALL TIMES, NOW WITH NEW GLUING SOLUTIONS

Olimpic K560 is now more versatile to use and enriched with advanced solutions. Now available the **new SGP glue pot** (Smart Glue Pot) for the use of EVA and Polyurethane glue, and the **AirFusion technology** that allows edgebanding without glue, and therefore an extraordinary level of finishing quality. With these new solutions Olimpic K560 proves more and more to be the ideal machine for all companies that require continuous and high quality production of a large number of panels even though they are all different from one to the next.

Perfect joint line and versatility of use with the new “SGP” glue pot

Ideal glue line, obtained through the spreading roller with a special knurling with variable pitch, and perfect dosing on any panel type, with NC adjustment.

Use of EVA and Polyurethane glue: quick and easy glue changing thanks to the particular PLASMA coating anti-sticking treatment for the spreading roller.

Better edge sticking

The use of the new pre-melting unit for EVA glue allows to have “new” glue always available inside the glue pot; this guarantees the best gluing of the edge to the panel.

Extraordinary finishing quality is obtained with the **AirFusion technology**, which ensures that the **joint between the edge and the panel is invisible**. Pressurized air at a high temperature is conveyed on a specific edge (co-extruded or pre-glued) so that a layer of the material fuses with the panel, therefore ensuring glue is unnecessary.

Perfect results on all surfaces

The **controlled axes** allow all intermediate positioning of the **trimming and edge scraping groups**, ensuring optimal edge banding even in the case of surfaces with different degrees or roughness or panels covered with protective film.

The controlled axes are also present on the other operating groups, i.e. the upper presser, the infeed fence, the rounding group or the pressure rollers of the gluing group.



OLIMPIC K360 THE BEST EDGE BANDER AVAILABLE AT YOUR FINGER TIPS

Versatility and high machining quality with the **Olimpic K360**, the machine by now recognized as the new reference point in the market for **entry level edge banders and complete with a rounding unit**.

Just a “touch” to use the machine

Error free machining with the touch-screen display with its customized graphics that allow an intuitive and easy selection of the main machine functions.

Cut and “radius” in a single operation

Automatic and error free cutting of thick edges due to the special system with two blades that allow the straight cutting of solid wood edges and the chamfering of thin edges.

Edge angle finishing on straight and shaped panels

Rounding of front and rear angle on straight, chamfered and post-formed panels. The operation is automatically carried out by the unit and ensures optimal finishing, without the requirement of further machining.

A better panel quality

The use of specific liquids which are sprayed on the panel during machining allows:

- improved panel cleaning from any glue residue
- utilization with no problem of delicate edges or edges with protective film
- bright up effect on plastic edges

High resolution images are available through the following link:

www.scmgroup.com/press/holzhandwerk

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