

SCM cutting-edge solutions for high-quality and trendy products at Interzum Guangzhou

Flexibility, top machining quality and high reliability: these are the main advantages that visitors will be able to find out at the SCM stand.

Innovative solutions will be on show, precisely conceived to support the specific requirements from the Chinese high-end furnishings and design market.

Guangzhou, 28-31 March 2024, Hall 11.1 Booth B19

Interzum Guangzhou is coming up and SCM reconfirms its attendance at the main trade fair event in China for the woodworking industry.

The Italian Group continues to be a benchmark partner for Chinese businesses who look for innovative, efficient technologies to obtain **products of excellent quality and design**. Solutions that stand apart for being very reliable, steady, capable of guaranteeing high machining quality. Interzum Guangzhou attendees will be able to discover the many advantages of SCM technologies on demonstration, that are precisely conceived to support the specific requirements of Chinese furnishing and design market.

*“Working with SCM means interacting directly with those who have dominated technology for over seventy years, providing excellent solutions for every woodworking application – says **Fausto Piscaglia**, SCM China Country Manager -. Furthermore SCM is a supplier of all-round, highly specialised services, at each stage of the relationship with the customer: from installation to production start-up to services and maintenance; from training to the supply of specific original spare parts. Digital and human: this is our distinctive Service solution”.*

TECHNOLOGIES HIGHLIGHTS

Routing and drilling: “morbidelli m100”

This affordable highly modular 5-axis CNC machining centre provides solutions to all the problems associated with woodworking. Thanks to its solid structure and the 5-axis JQX electrospindle, morbidelli m100 can perform not only every kind of panel machining, but also those for solid wood. The machine is run by the design and programming **Maestro lab** software that presents new updates and features. This CAD-CAM software for the design of the workpiece, ensures that all the wood workings are quickly and easily programmed thanks to smart functions (app and macros libraries) built to program any machine operation with a mouse click. Another click away and cnc programs are automatically generated.

Maestro software offers large graphic previews of the workpiece with its wood workings, of the machine and of the tools together with immediate functions which are able to the most comfortable use and best result.

At Interzum Guangzhou, “morbidelli m100” will be also equipped with a **special application for innovative assembly processes**: the **Lamello** wood connecting system, to offer a one-hit

machining process that gives a quick and cost-effective way to work with 90-degree butt joints without the need for glue.

No second machining is required: the whole process will be completed on a single machine with high levels of speed and accuracy.

Edgebanding: “stefani x”

This SCM's industrial edge bander has been designed to offer top machining quality on any kind of panel and material to fully meet the needs of a connected, integrated digital factory.

“**Stefani x**” machines panels at a **speed of 25 m/min.** over the course of several shifts a day. All this, thanks to top of the range units and a new, highly rigid mechanical structure.

Stefani x also offers **top-quality gluing on any type of edge.** The intensity of the first pressure roller is adaptive: it can be automatically adjusted by the edgebanding machine's control system according to the edge being used. Furthermore, the edge can be replaced with a reduced distance between the panels thanks to the new automatic edge change device with 2 and 6 rolls.

Also featuring is the **new range of high-end electronic units (end trimming, rounding and glue scraping)** designed to meet two objectives that are key to the market: easy use even for more complex machining 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.

Surface treatment

Interzum Guangzhou attendees will be able to see first-hand the **exclusive, sophisticated and trending finishing effects** achieved with SCM's complete range of top quality solutions for surface treatment.

This is an application field where SCM stands out as an **all-round partner** thanks to the continuous development of its technologies for sanding-calibrating and pressing as well as the integration in the Group of an excellent brand for finishing like Superfici.

SCM, with its widest range of solutions for **sanding-calibrating** solid wood, painted panels, MDF kitchen cabinet doors and wood flooring, will present “**dmc eurosystem**”: a highly modular automatic sanding-calibrating machine that stands out for its **ability to perform a variety of machining work** on both raw and painted panels. The machine on display is equipped with **Roller unit, Superfinishing unit** and **cleaning brush at the machine outfeed**, this version is dedicated for **veneered panels sanding and preparation of the base for the finishing coat application.** The superfinishing unit is particularly suitable for the superfinishing of solid wood components, MDF panels that have to be laminated, veneered or painted (opaque and polished). While the cleaning brush with rotating blowers' increases belt life and improves finishing quality, especially on painted panels.

At the SCM booth there will be a **3D finishing corner with original samples** of panels and wood flooring **processed with the innovative laser engraving unit** integrated into "dmc system" automatic wide belt sander, for **sought-after finishing effects.**

This multi-purpose innovative unit is particularly suited to creating three-dimensional marking on wood flooring, wood elements, mdf panels to be veneered, fibre cement panels and solid surfaces of any length. Furthermore, thanks to the exclusive "**Self-Refilling**" technology, a distinctive advantage of SCM's laser unit, it is possible to make the most of the features in terms of power without further interruptions to the production flow.

Regarding **finishing**, another solution on display will be “**magnum**”, Superfici's spraying machine with a high production capacity.

It ensures a **high quality product** thanks to the optimal distribution of lacquer even in more critical situations through the patented independent double reciprocators.

Flexibility is another advantage of this solution: indeed the ability to equip with multiple lacquer reclaiming systems and belt cleaning units in the machine allows an instantaneous change of lacquers. Thanks to the presence of additional groups, the cleaning of the reclaiming units can be completed during the production cycle to avoid line stops.

Superfici “magnum” is also **easy to use** thanks to a system integrated with an intuitive 3D graphics PC interface. The parameters, functions, and diagnostics can be remotely monitored via remote control. The software is able to manage automatic color changes up to 10 colors and can set all the parameters necessary for the specific painting operations.

Last but not least, this machine is supplied with dry filtering - a double layer of filtering material totally removable filtering boxes from the two sides – or with water filtering – water veil, water pump and drop separation device - according to the customer’s needs.

With a turnover of € 900 million and over 4,000 employees, **Scm Group** is the global leader in technologies for machining a wide range of materials: wood, plastic, glass, stone, metal, composite materials and industrial components. 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 and it operates on all 5 continents.

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