

SCM: A UNIQUE PARTNER FOR SURFACE TECHNOLOGIES

SCM has always placed importance on **surface treatment** and was the first to believe in the value of having Superfici technologies for finishing as part of its range and which, thanks to the synergy between sanding, coating and painting processes, generate a unique advantage on the market. Furthermore, SCM offers its clients specific **workshops** for this sector like the **Superfici Technology Center in Villasanta** (Monza), the **Surface Tech Lab in Villa Verucchio** (Rimini) as well as other finishing **show rooms** in foreign branches.

On the strength of its vast and consolidated know-how, the Italian company is presenting its wide range of technologies for sanding, pressing and finishing at Ligna, distinguishing itself as a unique partner in the entire surface treatment process: **all-round products and services as well as exclusive, sought-after finishing solutions**, to meet all the process and end product type requirements.

The innovative **dmc system** operating units which have transformed the concept of the sanding machine into a flexible abrasive modular machine, the **superfici** spray painting systems and robot equipped glue application and the **sergiani 3d form** presses, that allow for uneven surfaces to be laminated, are the technologies being presented to the furniture industry at the **SCM booth (Hall 13, C56)**. These solutions allow for surfaces to be prepared and treated to produce finished products with a **3D finishing effect** like wave, hand-scraped, structured and saw cut patterns, capable of providing unique touch and visual sensations.

At the **Superfici** booth (**Hall 16, C06**) the most exclusive finishing solutions are also being showcased. These include, **anthropomorphic and cartesian robots for painting** panels, fixtures, a vast range of sprayers aimed at the different application requirements and production capacity, the latest generation of roller painters and UV and UV LED driers. Machines all in "4.0" version.

Sanding: top quality finishing with an increasingly simpler, smarter use by the operator

There is a lot of interest in SCM models in the furniture industry and among **manufacturers** seeking systems for intensive use capable of delivering characterful, highly customisable results even at the final stages of machining.

The range of **dmc sanding and calibrating machines** at Ligna showcase all their potential, in line with the strong focus that SCM has always placed on looking after the individual client's specific needs. A customer who requests technological solutions capable of high aesthetic quality, superior and exclusive finishings but also simple to use and highly productive machines.

This is why it is possible to discover all the latest features on the **dmc** machine models on display at the fair with regard to optimisation and ease of use, as well as finishing. Of particular interest is a new version of the **"indicator for panel introduction"** that encourages the optimisation of the wear of the sanding belts, that can be tested on the **dmc sd 70** machine model and it is available across the entire machine range.

Another important innovation is the **interchangeable brushing unit**, that can be found on the **dmc eurosystem** a greatly appreciated model thanks to its compactness and versatility.

This new device allows for the machine to be configured with a single brushing unit and to use different kinds of tools, depending on the specific sanding requirements, with "Formula 1" replacement times.

Also on show is the **dmc sd 90** which is ideal for SMEs and is displaying its even more performing and versatile side at Hanover. Thanks to the new **internal crossways unit**, the significant processing flexibility typical of sanders traditionally aimed at larger companies, is now also extended into this target market with considerable advantages at productivity and competitiveness level.

The latest "made in SCM" features continue with **new software functions for the carving unit**, like the one which visitors to Ligna can get hands on experience of on the **dmc system** sander. These new applications mean a state of the art finishing can be achieved for a modern design and becomes increasingly easier for the operator to use.

Superfici provides complete automatic and robotic solutions for finishing and glue applications

Superfici's lines of painting finishing are perfectly integrated with SCM's "Surface Technologies" process, offering a wide range of solutions complete with automatic or robotic spraying gun, both for paints and glue.

The entire range is composed of **mini**, plug&spray machine suitable for those who, up until now, have opted for a manual spraying technique, is pulling a crowd to the SCM booth (**Hall 13, C56**). At the Superfici booth (**Hall 16, C06**), on the other hand, we can discover **compact hy**, ideal for those with different painting requirements, both large and small batches, maintaining a constant high quality spraying with minimum costs and **magnum**, ideal for companies with high production capacity that do not want to sacrifice quality.

Valtorta bravorobot, the cartesian robot par excellence, is also taking centre stage at the fair: accurate, reliable and delicate like the hand of a craftsman, this solution is designed for painting panels, but equally ideal for spraying glue. **Maestro** anthropomorphic robot stands out for its production of window and door frames, a market which requires greater flexibility. Lastly, there is no lack of **roller painting systems** integrated with state-of-the-art **UV LED dryers**.

All Superfici technologies are integrated into the Industry 4.0 thanks to **MyFinishing** package that allows clients to link up with the machinery directly from their smartphones, check production data, request instant assistance and have a *live* view inside their own spraying booth.

Sergiani 3d form, pressing solutions for laminating shaped panels

SCM continues its expansion drive of the range dedicated to pressing technologies started during the last year with a view to re-launching and further strengthening its presence in the sector. Clients are provided with solutions capable of satisfying all market segments.

Of particular interest is the presentation at **Ligna** of the new **sergiani 3d form** range for laminating curved panels and those with three-dimensional effects. This model can offer a vast range of stand-alone or integrated solutions in automatic lines to meet the varying production needs.

The pressing cycle is electronically adjustable and programmable at each stage to ensure **the best panel finish** according to the material being processed, guaranteeing top quality surfaces and gluing, plus a highly versatile application.

The **sergiani 3d form** is the last piece in the SCM labelled finishing process puzzle. This way the client has an opportunity to have a unique partner capable of providing ad hoc solutions for all the production needs on surface treatment: sanding, glue application and pressing.