

25-27 JANUARY, 2018
SCM RIMINI, ITALY

technologycenter

ALL THE MOST ADVANCED TECHNOLOGIES FOR CUSTOM AND INTEGRATED PRODUCTION

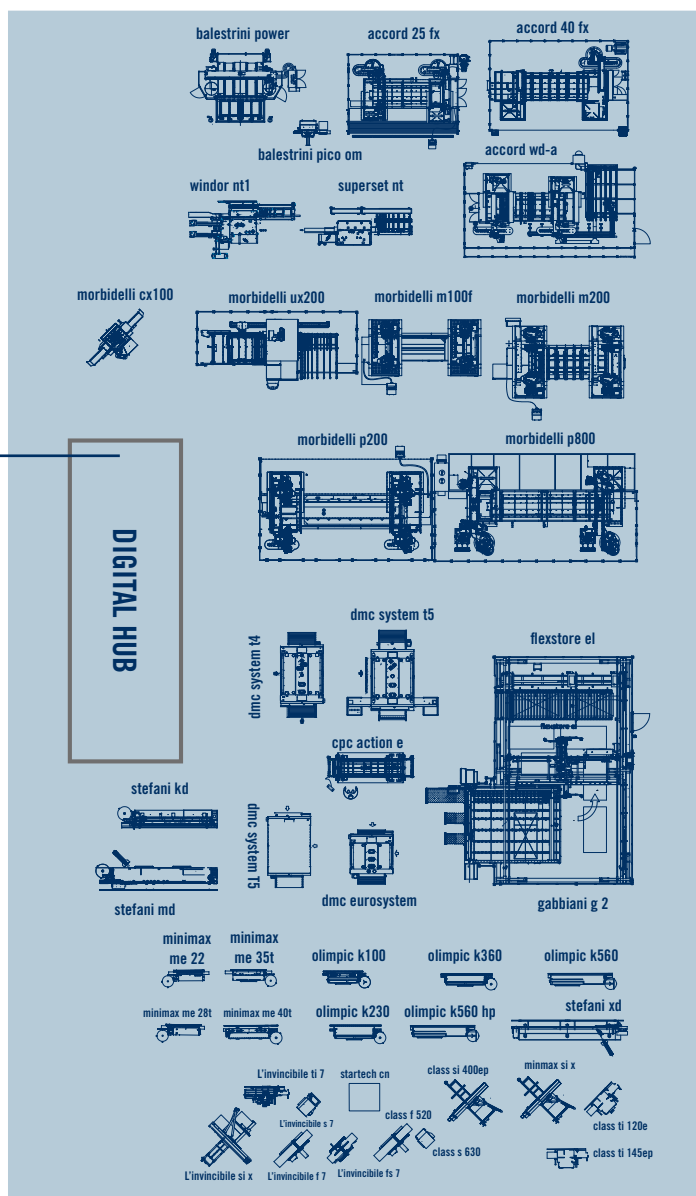
At the *Scm Technology Center* new solutions will be in operation for industrial production processes ranging from furniture to yacht fittings and joinery to construction components, as well as our ultra-reliable woodworking machines.

For all processes and production requirements, Scm represents a practical application of “**Industry 4.0**” and “**mass customization**” concepts that seek to *satisfy the customer's individual requirements and maintain the benefits of industrial production.*



DIGITAL HUB

A space dedicated to the new digital tools: the latest-generation multi-function and multi-touch **new operator panel** the innovative **remote support and servicing system** with augmented reality glasses the powerful **Maestro Suite**, a complete software system for all machining types and methods the **Integrated Cells simulation** system using 3D Virtual Reality and other digital solutions that improve man - machine interaction.



▶ TECHNOLOGIES ON SHOW



WORK CENTRES AND DRILLING

“Five ways to make a Cabinet” features the most advanced Morbidelli technology in a live trial indicating different ways of making a box.

Following the Group’s success at Ligna 2017, during the event, you will be able to see how “All-in-one technology” has been developed with the new **morbidelli p200** work centre that features an innovative edge banding unit that can apply bands to panels up to 80 mm thick and exclusive HE-POD suction cups that allow the whole work table to be used thanks to its alternating piece-lifting system.

There is also a much-awaited innovation in the boring and milling sphere: the **morbidelli m100/m200** range is enhanced by a new work centre with a double drilling head that allows several panels to be drilled simultaneously and therefore reduces work cycle times significantly.



SOLID WOOD AND SPINDLE MOULDING WORK CENTRES

Advanced SCM technology for processing high class solid wood. Numerous applications for producing solid wood windows, doors, stairs, chairs, design items and furniture.

These include the **accord 25 fx** work centre for linear and arched windows with an **automatic MATIC work table** operated by **CNC Scm Maestro software**.

The versatile, operator-free **accord wd** work cell that produces up to 16 window components.

The **accord 40 fxm** work centre with a 5-axis PRISMA operator unit that is ideal for both roughing out milling and high speed rotation profiling.

AUTOMATIC ANGLE SECTION AND SPINDLE MOULDING WORK CENTRES

With a production speed of approximately **30 windows per shift**, the consolidated combination of an automatic **superset nt** spindle moulder and the **windor nt1** angle section work centre confirms how **new MOBILE PC electronic controls** and traditional work processes offer quality, precision and high production rates in a simple, reliable way.



EDGE BANDING

Our edge banders indicate SCM’s vision of modern edge banding that offers rapid, error-free production and increasingly higher quality standards. You can enjoy a first-hand experience of the new **21.5”** multi-touch control with a 3D preview of the panel being processed, the new **generation “E”** operator units designed to offer a solid balance between light machining and new rigidity standards, and the new **AirFusion** device that raises the hot-air/zero glue line to +10% productivity and cuts switch on and start up times by 50%.

The brand-new **stefani kd** edge banders should also not be missed as they unite the craft and industry sectors by continuously machining numerous panels regardless of differences. The **olimpic k 360** hp edge bander also offers new opportunities to the craft sector thanks to its IT controlled axes that perform automatic setups when the machining process is changed.

The entire **olimpic** range will be on display as its operational set up has been restyled.



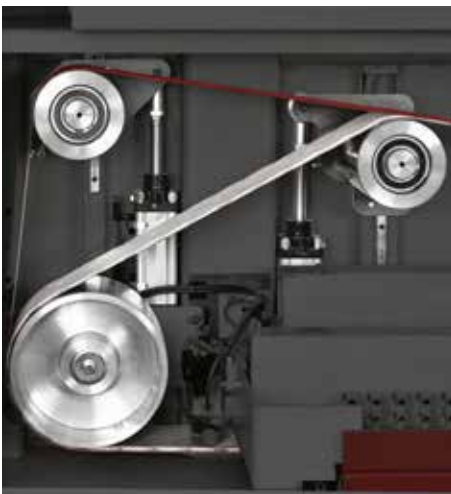


SAWING

Top quality and high production speeds are the main attractions of the **gabbiani g 2 115**, an automatic single blade panel saw controlled by new **Maestro Cut** software that optimises warehouse management and piece handling.

The **gabbiani g 2** should also not be missed, as when included in the **flexstore el magazine** it becomes a byword for **peerless precision** thanks to its blade carriage that slides on prism guides.

The new **HI-TRONIC carriage** that offers **high speeds** and an **increasingly advanced standard of productivity** will also be on display.



SANDING

Out of its many industrial dmc models SCM is exhibiting several different configurations for creating attractive finishes and satisfying a wide range of requirements. These include the compact and versatile **dmc eurosystem** sander, ideal for producing veneered, MDF and hollow core doors; the **dmc system t4** that is specifically designed for the furniture industry and produces excellent finishes even for intensive workloads; the **dmc system t5** sander, a complete solution for creating attractive finishes and personalised products thanks to technological units that are unique in the sector and offer **scribble**, **saw cut** and **textured** effects; and last, but not least, the **dmc system t5** brushing unit that is equipped with a **Finesand orbiting slider unit**, an ideal solution for fine-sanding crossed graining and composite materials.

ASSEMBLY

The latest machine in the SCM's range of assembly solutions is **action e**, an electro-mechanical clamping machine with manual loading and unloading for precise, rapid furniture assembly. This solution is aimed at small craft companies with approximate production volumes of up to 30 pieces of furniture a day.



WOODWORKING MACHINES

For modern carpenters, SCM offers a series of ground-breaking machines like the new **minimax si**, a twin-tilt circular saw with a blade that can be tilted by **+/-46°** and motorised-programmed handling.

Of particular interest are the two latest minimax edge banders:

the **minimax me 28t** is the cheapest edge bander on the market with a rectifier that is considered a standard device for higher range machines; and the **minimax me 40** that can host any finishing unit and therefore offers an extremely high level of production normally reserved for machines used by craftsmen and carpenters. The new **vf 250 aspirator** from the group's new vf aspirator range will also be on stage. This line is designed to be slim and compact, so it can fit easily into any work environment.

Certainly, there will also be a special focus on the evergreen **L'invincibile range**, that is the result of years of experience, technological research and Italian genius.





CARPENTRY WORK CENTRES / SQUARING-TENONING MACHINES

Thanks to its innovative **multimedia system**, Scm will also present virtual versions of the group's machine and technologies, like its :

- **oikos** and **area** Carpentry work centres
- **celaschi** squaring-tenoning machines.

INTEGRATED LINES

Also on show during the SCM Digital Days, the System 1 doors and windows integrated line. All machines are equipped with Maestro Watch supervisor.