

## Great anticipation for Scm Group's attendance to the 25th edition of Xylexpo

*FieraMilano-Rho, 24-28 May  
Hall 2 – stand A01*

**Scm Group**, the leading group in the design, production and distribution of technologically advanced solutions for the furniture industry and wood-working companies, **will be the protagonist of the 25<sup>th</sup> edition of Xylexpo**, which will be held at **Fiera Milano-Rho** in Milan from 24 to 28 May 2016.

The attendance to the fair sanctions once again **the importance and strategic roles of the Italian, and European, market** for the Rimini-based group, **which operates in 120 countries**. *“We want to reaffirm our global leadership position and, at the same time, promote our Italian spirit”*, explained Luigi De Vito, Scm Group Machine Division Manager. *“We have chosen to take part in Xylexpo to give a strong message to the market and to continue supporting the development of the Italian manufacturing technology industry, a globally recognised excellence and the reference point for wood manufacturing. For over 60 years we have supplied the widest and most innovative range of solutions and advanced systems, designed for those working with wood and other materials, such as plastic and composite materials and we want to maintain our guiding role in the sector”*.

Scm Group's leadership position is confirmed **by the excellent results of 2015**. The group closed the year with a **turnover of more than 500 million Euros, up 10% compared to 2014**, with a **28%** growth in the Italian market in the machines sector. The group's **international growth** was also very successful, with the **opening of three new branches**: Scm Group Middle East in Dubai, Scm Group Malaysia in Kuala Lumpur and the new Scm Group North America centre on the West Coast. This has **strengthened the group's global presence** that, with 20 branches and over 350 distributors and agents, boasts the most extensive distribution network of the sector, allowing us to provide **advanced technological solutions, a comprehensive support service with the best specialists in the individual machining operations and an excellent after sales service**.

In 2016, the group will implement an important **investment plan** aimed at consolidating its international presence and to the development of new technological solutions for the industry.

## THE “SMART MANUFACTURING” LOGIC

At Xylepxo, Scm will present the **latest developments of the group** and its brands in a large exhibition space of over 2600 square metres. These will include integrated solutions and modular cell systems, which reflect the intelligent innovation approach, a direct interpretation of the “**Smart Manufacturing**”. In particular we will present integrated production processes for machining panels and solid wood, all “intelligently flexible”, and capable of combining different levels of profitability/productivity, utmost customisation and extremely easy reconfiguration possibilities. The aim is to provide the industry with solutions for productions with shorter time-to-market, to increase competitiveness on the markets and at the same time allow for a greater level of specialisation.

The technologies presented by the Scm Group are therefore designed to optimize and facilitate the creativity of small wood working workshops and large industries, supporting them in the process towards “mass customization”.

## SOFTWARE

The software, a centrally important aspect to the “Smart Manufacturing” logic, will be one of the strong points at Xylepxo. Scm Group will bring to the show all its know-how and a **suite of state of the art, and continuously evolving, programs**, designed to guarantee the complete use of the machines’ functions and achieve a more agile and customised production and industrial process.

## INTEGRATED SYSTEM OF INTELLIGENT CELLS

At the show the group will present its unique **scalable cell systems**. This range of solutions can meet the production demands of an industry that is increasingly looking for greater flexibility, easy integration and profitability.

Many of the technological developments of the group will be found in the **integrated and modular production processes**. This choice reflects the extensive and comprehensive competence of the Scm Group’s specialists in all the application fields of the sector.

### Two integrated cells for machining panels will be on show.

**1. Cell system for high production capacities** (up to 800 pieces per shift) that consists of the following:

- “batch one” panel sizing cell **Gabbiani, Mahros, Morbidelli** to obtain any type of cut in “real time”, thanks to the intelligent management of the automatic three-axis magazine **Flexstore EL**, based on advanced software and increased automation;
- **flexible** squaring edge banding cell to achieve an extremely diversified production within the reach of any company;
- line boring Morbidelli **Powerflex S**, the true reference point for the furniture industry that has now reached new standards: **up to 30 panels per minute**.
- the process is completed with the high-performance boring/routing/edge banding work centre **Morbidelli Planet P800**, designed to simplify the machining process of shaped panels up to 6360x1905 mm.

**2. Cell system for medium production capacities** (up to 500 pieces per shift), that consists of the following:

- work centre **Scm Pratic S** expanded with new **functions**, designed specifically for nesting machining operations, such as the new labelling function managed by the Xilog Maestro software, which makes it even easier to control the entire process and the greater level of integration in the automatic processes that render it a veritable cell or integrated solution;
- the **industrial edge bander Stefani Solution XD** is the ideal choice to produce high-design furniture;
- the boring work centre **Morbidelli Cyflex hp**, is **one of the most eagerly awaited products in terms of productivity increase**. This solution, requires less than 10 m<sup>2</sup> of space, and achieves lower cycle times than any other alternative in this market segment;
- the frame press **CPC Action** is a highly automated solution for furniture assembly.

The following integrated systems to **machine solid wood** will be on show:

- the **pressing system for sandwich panels with the press Sergiani Las 335**
- the work centre for machining parts of doors and windows **Scm Accord 25 fx**, fitted with the automatic table Matic, Prisma 5-axes machining unit and Pro-Speed safety system, and the automatic thicknesser and spindle moulder **Scm Superset NTPL**, with the following working capacities: max 260x200 mm and min 25x6 mm.

## **FOCUS ON SPECIFIC TECHNOLOGIES**

### **Edge banding**

**Perfect edging finishes and an extremely diversified production within the means of any company**; these are the key aspects of the edge banding systems that Stefani and Scm will have on show at Xylexpo.

In particular, the focus will be on the wide range of gluing systems, the new **SGP glue tank, Air Fusion technology, and the new integrated pre-melter PU BOX L**, found on the whole range of Stefani and SCM Olympic edge banders.

### **Panel sizing**

Gabbiani's presence at the show will focus on the panel sizing machine **Galaxy 3 110 A**, integrated in the "batch one" panel sizing cell and augmented with the new **electronic carriage** that ensures extremely competitive performance levels.

The panel sizing machine will be fitted with the **single clamp unit "Flexcut/1S"**, the ideal combination to achieve utmost flexibility and increase performance, now also available with the wheeled table for delicate materials.

### **Sanding**

**DMC** will take part in the show with the **range of System flexible sanding belt sanders**. This modular system features unique new devices that allow for prestigious finishes found in hand-made pieces such as the saw cut, woodworm, structured and wave-effect, as well as the most varied brushing and rustication effects. The **range of Scm sanders**, will be represented with the **Sandya 900**, which will be presented with new configurations featuring the introduction of machining units.

## Finishing

**Surfaces**, the brand specialised in finishing surfaces, will present state of the art solutions for painting panels, furniture parts and door and window frames, with a specific focus on flexible applications and using the most advanced painting cycles.

## Machines for small woodworking workshops

Scm will bring to Xylexpo the solutions of the L'invincibile range. This has always been the reference point for small to mid-sized companies and for larger saw mills that produce non-standard items or with prototyping departments, The circular saw "L'invincibile Six" with  $\pm 46^\circ$  blade cut, the pinnacle of the design and technological excellence of the group, will also be on show.

## Machining advanced materials

The new work centre **SCM Accord 50 fx**, presented for the first time on the Italian market, will be demoed on specific applications not only for wood, but also plastic and advanced materials. This 5-axis work centre with fixed table and mobile upright can perform routing and boring on pieces up to 500 mm high, with **large tools**.

## C.M.S.

The Bergamo-based company will bring to the show 4 work centres, which represent the ideal solutions for the most demanding sectors that have to marry versatility, precision, high-volume productions and a complete automation of the process. These work centres are the result of **C.M.S.**'s vast and consolidated experience at the service of the woodworking industry.

With the **CMS Wood Technology** brand:

- **ANTARES**, the 5 interpolated axes work centre provides exceptional movement dynamics to achieve high productivity levels and excellent finish quality. The single block structure guarantees long-term stiffness and precision.
- **MONOFAST**, the exclusive solution for the automated production of complex parts and the winning formula for unique machining operations such as rifle stocks, cheekpieces, glasses and small-sized objects.

With the **CMS Balestrini** brand:

- **CUBE**, the 5-axes work centre with two independent units, in practical terms a machine and a robot at the same time. It features two machining heads that, thanks to the machine's innovative geometry, work, to all intents and purposes, as two independent 5—axes work centres, performing all the machining operations on the piece very quickly.
- **POWER**, the innovative range of gantry type work centres, which is extremely flexible and able to meet the numerous and ever-increasing demands of the woodworking industry. It can be configured with different specific solutions to achieve maximum productivity levels. Its compact dimension improves bench handling during the changes in machining without sacrificing power.

Please find all the Scm Group pictures in the dedicated press area:  
[www.scmgroup.com/press/xylexpo](http://www.scmgroup.com/press/xylexpo)

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