

SCM at Xylexpo 2026: technology, software and digital services to build the manufacturing ecosystems of the future

The Italian Group confirms its role as a strategic partner for the woodworking industry with an integrated offering of solutions: from technological innovation to process digitalization.

In the spotlight: the new accord 500 edge, a multifunctional CNC machining centre with integrated edge banding technology, together with the evolution of SCM's digital ecosystem through WinMES and IoT Solution.

SCM confirms its role as a strategic partner for the woodworking industry at Xylexpo 2026, presenting **an evolved vision of the factory of the future** based on the integration of machines, automation, software and digital services.

The event provided an opportunity to meet customers, partners and industry professionals (60% of whom came from Italy) and highlight the **key strategic areas** guiding SCM's development: from the design of increasingly flexible and automated production systems to the digital transformation of companies, up to the creation of services capable of supporting customers throughout the entire lifecycle of their investment.

"We confirmed our participation in Xylexpo because we strongly believe in the value of the Italian manufacturing system, both as a market and as an industrial and technological platform," said **Pietro Gheller**, Scm Group Wood Division Director, speaking to journalists hosted at the stand. *"As pioneers in the sector, we consider this exhibition an integral part of the ecosystem that supports the growth and competitiveness of our industry."*

Innovation, customer value and markets

Xylexpo was also an opportunity to take stock of SCM's performance and strategic development plan for the woodworking industry. Despite an international scenario still marked by geopolitical uncertainties and cautious industrial investments, SCM continued to strengthen its market position in 2025.

The Group closed the year with revenues close to €900 million, while the Wood Division exceeded **€500 million**, increasing its market share. Positive performances were recorded in Italy and in several European countries, including Spain, France, the UK, Scandinavia, Belgium and South-Eastern Europe, also thanks to engineering projects developed together with key players in the industry.

"The first quarter of 2026 confirms a market environment that remains cautious and characterized by different dynamics depending on geographical areas and technology segments, but positive signals are emerging in several strategic markets," explained **Gabriele Patti**, SCM Commercial Director.

Particular attention was given to investments in France, with the opening of the new branch headquarters in Lyon on the occasion of its 50th anniversary, and in North America, with a new strategic governance structure and the strengthening of the sales and service teams.

“Our growth is supported by a clear strategy that has remained consistent over time: today customers are no longer simply looking for a machine, but for complete solutions,” added Pietro Gheller. “This is why SCM continues to invest in the four pillars that drive the Group’s development: engineering and automation, servitization, technological innovation and digital software systems.”

Gheller also highlighted the Group’s recent acquisitions, which further expand and strengthen SCM’s portfolio of products and services for the woodworking industry: **Tecno Logica**, which has further enhanced the Group’s ability to develop integrated systems, advanced robotics and complete production lines even in highly variable environments, and **Tecnest**, specialized in advanced software solutions for production planning, manufacturing management and Supply Chain management.

accord 500 edge: the new frontier of integrated processing

The main highlight of the SCM stand was *accord 500 edge*, the latest innovation in SCM’s accord range.

The new CNC machining centre stands out as **a complete and multifunctional solution that also integrates edge banding technology**, meeting the most advanced production requirements both in solid wood processing and in the furniture industry.

Designed for medium and large-sized companies, *accord 500 edge* ensures high performance and maximum flexibility. These characteristics make it particularly suitable for applications such as contract furniture, bedroom furniture, marine and caravan sectors, as well as just-in-time production, where combining customization, speed and efficiency is essential.

Among its key strengths is the **H80C “Compact” edge banding unit**, equipped with multiple magazines for tools, glue, edges and pressure elements, enabling fast and reliable automatic changes between different processing operations. Independent-motion operating units ensure high productivity even in limited spaces, while extraction systems guarantee cleanliness and efficiency under all operating conditions.

The new *accord 500 edge* is also equipped with the **SCM Maestro** software package, featuring the **Maestro active** interface, and with **Maestro lab CAD/CAM programming software**, making production process management simpler and more efficient. The solution is completed by **Maestro lab edge**, the new evolution of the CAD/CAM system dedicated to panel edge banding processes, which allows users to manage all edges and related application strategies, optimizing programming and machining operations.

Technological innovation remains one of the key pillars of SCM’s strategy. Every year, the Group invests 7% of its revenues in R&D and in 2025 it was confirmed for the third consecutive year among the Italian companies with the highest number of patent applications filed with the European Patent Office.

The only company in the top ten among woodworking technology manufacturers, SCM filed 23 patent applications and currently holds a total of **800 active patents dedicated to the woodworking industry**.

From connected machines to the smart factory: IoT Solution and WinMES

At Xylexpo, SCM also presented the evolution of its digital ecosystem, designed to transform data generated by machines into strategic operational decisions. The goal is to overcome the fragmented management of production processes that is still common in many companies and support manufacturers in their transition towards **smarter, connected and more sustainable factory models**.

At the centre of this vision is **IoT Solution**, SCM's digital platform that today connects **more than 5,400 machines** worldwide and enables real-time monitoring of key parameters such as availability, utilization levels and production flows. By integrating sensors, network connectivity and intelligent algorithms, the platform transforms operational data into actionable insights throughout the entire asset lifecycle.

Measurable impact on industrial performance. The adoption of IoT Solution enables companies to achieve higher levels of operational excellence, with tangible benefits in terms of efficiency and cost optimization: SCM's IoT Solution can increase efficiency by **up to 20%** and reduce operating costs by **up to 30%** by enabling a smarter, more proactive approach where data becomes a strategic asset.

The evolution of assistance: proactive remote support. Through the **Control Room**, which manages the continuous real-time flow of data generated by machines installed at customer sites, SCM moves beyond the traditional reactive assistance model and identifies potential issues before they occur.

By leveraging **Cloud and Edge Computing, Artificial Intelligence and Machine Learning**, SCM continuously analyses large volumes of data to detect minor anomalies and early warning signals related to component wear. This enables SCM technical experts to proactively contact customers and validate corrective actions remotely before production interruptions occur.

Data-driven monitoring and predictive maintenance. Thanks to the integrated **Machine Monitoring** functions and the **Maintenance Planner** tool, daily workshop management becomes predictive and collaborative.

Continuous monitoring of asset health allows maintenance activities to be planned according to the actual wear level of components and the production cycles performed.

Scientifically planned maintenance not only prevents costly machine downtime and reduces repair expenses, but also extends the useful life of the equipment, keeping it constantly in optimal operating conditions to ensure maximum machining accuracy.

The ultimate and decisive step towards a fully connected factory is represented by WinMES, the Manufacturing Execution System presented by SCM at the exhibition, developed in collaboration with Tecnest.

WinMES is the **"digital brain of the factory"**: a MES/MOM platform natively integrated with SCM machines, while also capable of connecting third-party technologies, creating a fully interconnected, automated and data-driven production environment.

The solution integrates the entire manufacturing ecosystem, connecting machines, ERP systems, CAD/CAM software, cutting optimization systems and business applications. Thanks to its **APS (Advanced Planning and Scheduling)** component, WinMES enables companies to organize and simulate production scenarios, improving machine utilization, delivery reliability and overall efficiency.

On the AI front, WinMES also integrates **Viki**, the intelligent assistant developed by Tecnest to make MES interaction increasingly conversational, accessible, fast and intuitive.

WinMES is not just a software solution, but the core of a broader industrial digitalization vision supported by **highly specialized process consultants** who accompany companies throughout their digital transformation journey.

With WinMES, **SCM connects the worlds of manufacturing and software**, creating a smart factory model where processes and data become the true link between different technologies.

A complete offering for every production requirement

At Xylexpo, SCM presented a comprehensive overview of its solutions for every stage of the production process.

Visitors particularly appreciated the **new exhibition area dedicated to samples** manufactured with SCM's most advanced technologies: panels finished with the latest innovations in edge banding, sanding and surface treatment, as well as applications produced with systems for windows, doors, flooring and timber construction.

Among the showcased projects was **“Re Wood - Material Recirculation through Data and Machines”** presented by **SDU CREATE of the University of Southern Denmark** at Drocity during Milan Design Week. The project explores the reuse of recovered wood to create new architectural elements.

For woodworking professionals, the **“blade off”** system, combined with SCM circular saws, was once again a key highlight. The solution is designed to increase safety levels thanks to an intelligent detection system and an efficient blade exclusion mechanism.

With its participation in Xylexpo 2026, SCM confirmed its commitment to supporting companies in the woodworking industry with an increasingly integrated offering, where technology, digitalization and expertise become concrete tools for building the future of woodworking together.

Scm Group is a global leader in technologies for machining a wide range of materials – wood, aluminium, plastic, glass, stone, metal and advanced 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 nautical to plastic machining.

Scm Group coordinates, supports and develops a system of industrial excellence, with highly specialised and integrated plants in Italy and other sites in Germany, the United States and Brazil with production dedicated to local markets.

Scm Group has a turnover of 900 million euro, more than 4,000 employees and a direct presence on five continents. .

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