

SCM AT DACH + HOLZ **with the most advanced construction wood solutions**

*Cologne, 20-23 February
Hall 7 - Stand 7.323*

SCM, the world leading producer of secondary woodworking machinery, is to participate in the **Dach + Holz** trade fair, held February 20 to 23 in Cologne, Germany, with **numerically controlled machines for processing beams and walls for the wood building industry.**

A unique feature of the SCM machining centres is their extreme flexibility, which facilitates the creation of a wide variety of products, including roofs; walls; garden sheds; X-lam/CLT laminated panels; straight, curved and round beams; insulating or composite panels; and all the various types of structural elements demanded by the market today. **An important new feature is the X-lam/CLT panel processing with nesting capabilities**, which helps optimise material usage and cut production times and costs.

*"Over these years we have always believed and invested considerably in the German market," says **Tommaso Martini, SCM Wood Carpentry Machining Centres BU Manager.** "And we've seen good results, and will see even better results in the future, thanks to the experience we've gained installing a multitude of systems which have become acclaimed technological success stories. The road has not been easy but the mix between professionalism and innovative technological solutions has produced excellent results, which will allow us to consolidate our position also in markets that have until now considered only the German models when choosing where to invest."*

The SCM machines will be displayed at the Dach + Holz Fair also using the innovative multimedia system designed to **revolutionise the way machines are shown in trade fairs.** The Group will show on its large (6x3.4 metres) video-wall virtual versions of some of its technological solutions. Using 3D animation, filmed at 6K high definition, the machines will be reproduced in their real-life dimensions with stunning clarity and detail, offering the visitor **new interaction possibilities.** Using an iPad, for example, visitors could "enter" these machines and follow from up close every single detail of the woodworking process. **A groundbreaking industrial innovation that is a huge technological step forward:** the possibility of machine virtualisation means, on the one hand, being able to drastically reduce energy consumption and the environmental impact of product movement, and, on the other, being able to offer customers a multimedia tool with unlimited potential which in some respects can exceed the actual, real-life, experience.

AREA

It is a gantry-style mobile solution for automated machining of 5 sides of X-lam/CLT wall elements – the type of timber that is expected to have the greatest growth in the future, and for which Scm machines are a perfect fit – and generally for a wide variety of large components, such as laminated structural beams. The system can be customised to machine also such workpieces as

composite elements and coated insulating panels. Area comes with a 30 kW 5-axis spindle head and an automatic tool changer.

Workpieces can be 3,200 to 4,500 mm wide, up to 360 mm thick and up to 50 metres long.

Scm Group is a technological world leader in processing a wide variety of materials: wood, plastic, glass, stone, metal, and industrial components. The Group companies, operating throughout the world, are reliable partners of leading companies in various market sectors, including the furniture, construction, automotive, aerospace, ship-building and plastic processing industries.

SCM Group coordinates, supports and develops a system of industrial excellence in 3 large highly specialized production centres employing more than 3,600 workers and operating in all 5 continents.

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