

# Power takes shape in timber construction: SCM at the International Mass Timber Conference

*SCM will present its cutting edge technological solutions for the timber construction market, including AREA XL and OIKOS X, the new CNC machining centres for the industrial production of large format CLT panels and glulam beams and columns.*

*March 30 – April 1, 2021*

SCM, leader for secondary woodworking technologies, will attend the **International Mass Timber Conference**, to take place from 30 March to 1 April in virtual streaming, in order to meet American professionals and experts of the supply chain for cross-laminated timber and mass timber construction.

Firmly backed by the experience it has matured over ten years in this specific sector, SCM will provide its contribution. An in-depth knowledge of this sector's demands which, together with intense R&D work and solidity of a brand like SCM, has led to state-of-the-art technological solutions.

As noted by **Tommaso Martini**, SCM Business Unit Manager for CNC machining centres for timber construction, *"Nowadays, the use of innovative technological solutions is increasingly more decisive, in line with market demands. This is where SCM's participation slots in, as it aims to present itself as a competent partner for all those professionals in the industry who are looking for a new and different approach to the one they have encountered so far"*.

**An exclusive approach:** thanks to its decades of experience in the development and manufacture of highly-evolved CNC machining centres, SCM is able to provide flexible solutions for the timber construction industry, creating a new standard in the sector.

During the event, the **SCM North America** team will outline the strongest points of each model of the range and, in particular: **AREA XL**, the new 5-axis CNC machining specifically designed to process large format CLT panels; **OIKOS X**, the 6-axis model in a new "XL" version dedicated to the manufacturing of glulam beams and columns with a section up to **1.250x500 mm**, in addition to X-lam/CLT wall panels and insulating panels.

## **AREA XL: AT THE CUTTING EDGE OF TODAY'S TECHNOLOGY TO BUILD ON INTO THE FUTURE**

**AREA XL** is the **new 5-axis CNC machining centre** designed and manufactured by SCM for the industrial production of large format CLT panels. This solution, an evolution of the already popular and appreciated AREA model, was developed to meet the needs of those companies requiring **high productivity, accuracy and reliability**.

The processing of large format CLT panels is characterized by **heavy duty stock removal, process automation** in the handling and referencing phases, as well as **cleaning of the work area**: the new AREA XL has been designed taking into consideration these specific requirements.

### **High productivity**

With this machining centre, size and thickness of CLT panels are no longer a problem. Elements **up to 16,000 mm long x 3,600 mm wide and up to 400 mm thick** can be processed, in particular thanks to an electro-spindle of high power and torque: **63 kW** in continuous operation.

The overall productivity can also be further increased by equipping the machining centre with a **second machining head unit**. In this configuration AREA XL can process the panel with the two head units simultaneously having at disposal **up to 60 tool stations in total**. Another plus is the possibility to perform **transversal throughfeed-drilling operations** even on the maximum panel size, thanks to optional auxiliary units.

### **OIKOS X: THE "PLUS" FOR TIMBER CONSTRUCTION, TODAY IN A NEW "XL" VERSION**

**OIKOS X** is the **new 6-axis cnc machining centre**, specifically designed to process structural beams, X-lam/CLT wall panels and insulating panels. It is the result of careful research and development to provide the industry with an ever more technological, performing solution.

OIKOS X was designed with a view to **maximise performance** in terms of dimensions, dynamics and power. Fitted with an **electro-spindle up to 24 kW**, the machining centre allows to process beams and panels with a maximum section of 1,250x300 mm, a maximum length of 19,000 mm and a weight of 4,000 kg.

Today OIKOS X is presented to the market in a **new "XL" version** dedicated to the manufacturing of glulam beams and columns with a section up to **1.250x500 mm**, thanks to the well-known flexibility of the 6 axis head unit that has always characterized the model OIKOS X.

SCM never stops improving and therefore offering to the timber construction industry innovative, high technological solutions, in line with the demands of an ever expanding market.

---

With sales figures of 700 million Euro and with 4,000 employees, the **SCM Group** is a world leader in technologies for processing a vast range of materials: wood, plastic, glass, stone, metal, composite materials and industrial components. The group's companies are trustworthy partners of established industries around the world operating in a variety of commodity related sectors: from the furniture industry to building, from cars to aerospace, from the nautical industry to processing plastics.

The SCM Group coordinates, supports and develops a system of industrial excellencies, structured into 3 highly specialised large production poles in Italy with a direct presence on all five continents.

**Press Office:** [press@scmgroup.com](mailto:press@scmgroup.com)

Communications Scm Group:

Alessandra Leardini – [alessandra.lear dini@scmgroup.com](mailto:alessandra.lear dini@scmgroup.com)

tel. +39 0541 700230 - mob. +39 344 3483015