

The latest "XL" from SCM at the Forums for timber construction in Poland and France

The Forums dedicated to timber construction are once again being held in in-situ and SCM is back to illustrate its vision of the future in the industry, by presenting its most recent state-of-the-art technologies: AREA XL and OIKOS XL

*Forum Holzbau Polska, Warsaw 21-22 June 2021
Forum Bois Construction France, Paris 15-17 July 2021*

The **HolzBau Forum** events are once again being held in-situ, from Warsaw and Paris, with the largest global itinerant event dedicated to the wood construction industry.

At **Holzbau Forum Polska** (21 and 22 June) and the **Forum Bois Construction** (from 15 to 17 July) the numerous key figures in the production chain - planners, designers, builders and technology suppliers will come together. - ready to discuss the future of construction and the many potentials of wood, a "green", eco-sustainable material par excellence. These include SCM, riding high on its **more than ten years of experience** acquired in this sector, which will provide its contribution in terms of know-how and innovation, illustrating its latest technologies for machining elements for timber construction: **AREA XL**, the new 5-axis CNC machining centre specifically designed for the production of large format CLT panels, and **OIKOS X, the 6-axis model, today debuting 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.

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.

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**, capable of executing several operations simultaneously. Another plus is the possibility to perform **transversal throughfeed-drilling operations** even on the maximum panel size, thanks to optional auxiliary units.

Maximum comfort of use, cleaning and safety

AREA XL offers **up to 60 tool stations in total**, including two sawblades for each machining head unit. The operator's work becomes even easier, both during the process, thanks to automatic **workpiece handling and referencing systems**, and during chip removal from the work area, thanks to **innovative cleaning systems**.

AREA XL also allows to work in total safety, thanks to the full enclosure and a protected access system to the work area through laser barriers.

OIKOS X: THE "PLUS" FOR TIMBER CONSTRUCTIONS, TODAY IN A NEW "XL" VERSION

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

Oikos X was designed with a view to **maximise performance** in terms of dimensions, dynamics and power. Fitted with a **13kW standard electro-spindle** (optional 24 kW), the machining centre allows to process beams and panels with a maximum section of 1,250x300 mm and maximum length of 19,000 mm, with an end weight of 4,000 kg.

At the Forum in Warsaw and Paris, it will be possible to take a closer look at the latest new entries, together with the SCM team: the 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 a turnover of over € 600 million and 3,600 employees, **Scm Group** is the global leader in technologies for machining a wide range of materials: wood, plastic, glass, stone, metal, composite 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 yachting to plastic machining.

Scm Group coordinates, supports and develops a system of industrial excellence in 3 large, highly specialised production centres in Italy and it operates on all 5 continents.

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