

High technology and innovation for wooden houses, with the new Scm's OIKOS X

The new CNC machining centre for the timber construction industry is specifically designed for companies looking for the perfect combination of precision and productivity in the manufacture of structural elements and X-lam/CLT wall panels

Oikos x is the new 6-axis machining centre for timber construction designed to offer the sector an increasingly technological and performing solution. Presented in world premiere at **Legno & Edilizia (Verona, 7-10 February 2019)**, **oikos x** is dedicated to the processing of structural beams, X-lam / CLT wall panels and insulating panels and is the result of a careful research and development activity by SCM, which has always been a manufacturer of **cutting-edge solutions and highly advanced and flexible cnc machining centres**.

The construction of large-scale structures and private, residential and public buildings is growing constantly at a worldwide level and numerous well-known companies in countries where timber construction is particularly advanced, such as Germany, Austria and Finland, have chosen SCM's versatile, precise and fast CNC machining centres to create their projects.

Oikos x stands out for the **perfect symmetry of its new 6-axis operating unit** that allows to process every side of the element easily with each tool and with no rotation or repositioning required. This assures the highest standards of precision and productivity even when the machine is used in limited space.

The **oikos x** also offers other **advantages**, such as its clamping capacity and therefore long-term accuracy, its significantly improved work environment conditions, with its heavy duty dust containment.

Hi-tech and "smart", the new **oikos x** machining centre is in perfect line with the needs of the 4.0 factory: it is further enhanced by **Maestro beam&wall** software whose strong point is its total integration with the most common CAD systems in the sector and its new multi-function, multi-touch **eye-M** operator panel, which facilitates daily operations significantly. **Oikos x** also offers an exclusive video surveillance system which allows the operator to control in real time the entire machining process. Furthermore, it can be integrated with **Maestro smartech** glasses that revolutionize after-sales assistance, allowing the customer, through augmented reality technology, to always have an expert on his side in every corner of the globe.

"**Oikos x** - **explains Tommaso Martini, SCM timber construction machining centres BU Manager** – takes the principles widely tested on traditional SCM machining centres and applies them to the technologies for timber construction. It is the result of a process of change that involves both manufacturing partners: SCM for the timber construction machining centres and our customers, the companies who produce elements for the building industry. It is a process that seeks to constantly improve both the end product and the production process."

With sales figures in excess 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.

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