

Profiling, squaring and tenoning technology: SCM presents celaschi cpm

SCM brings to Ligna **celaschi cpm**, a single-sided profiling (sticking) machine, compact and electronic, ideal for longitudinal processing of **solid wood and MDF elements** dedicated to the production of kitchen doors and similar items.

This model is designed to offer **maximum efficiency** to companies in the furniture sector, allowing production for small and medium batches. Thanks to a hand-loaded hopper feeder, pieces can be fed into the machine automatically, achieving a productivity of **up to 100 pieces per minute** (length 127 mm and feed speed 20 m/min).

Considerable achievements for this type of technology, to which is added the further advantage of **great flexibility**. The machine composition can include 1 or 2 operating units equipped with fully automatic tool change, thanks to the equipment with liquid-cooled HSK 63F electrospindle, associated with the RAPID 8-position tool store, which allows different profiles to be easily produced. Tool management and recognition can also be added.

It is also a **machine with easy programming and, at the same time, perfect for industrial 4.0 production**: celaschi cpm is in fact guided by the new **Maestro active square** software developed by SCM to optimise and make programming and management of the wide range of celaschi profiling machines even more user-friendly. The software enables direct and immediate communication of the factory with the office, making the transfer of work lists and production reports easier.

For around 70 years, the **Celaschi** name has been synonymous with technological excellence in the field of profiling, squaring and tenoning, a reference point in various sectors: from flooring, with a wide range of profiling lines for different types, to the production of doors, door and window frames and furniture components, in particular boxes, kitchen doors, drawers and desks, as well as innovative solutions for processing special materials, which are rapidly expanding in the construction sector, such as fibre-cement, polyurethane, rock wool or calcium silicate, etc. The strength that also distinguishes Celaschi's technologies is the ability to provide not just high-tech stand-alone machinery, but highly customised special solutions, patented by SCM. This is often the key to success in partnerships with the largest industrial groups that require very high productivity lines.