SCM JOINERY MACHINES: IMPORTANT NEW-ENTRIES CHARACTERISED BY AUTOMATION

SCM's joinery machinery department presents many new developments at LIGNA 2019. The main ones concern automation.

To complete the **double tilting** range of **circular saws**, SCM presents the **class si x**. A mid to high range machine, it slots in the range just before the legendary L'invincibile, but boasts a more affordable price. The maximum blade diameter that can be used (without scoring blade) is 550 mm, whilst with the scoring blade the maximum is 450 mm. The new scoring saw unit (optional) is fitted with an expandable scoring saw. The machine ergonomics are further improved with a useful blade holder compartment, under the sliding carriage, integrated in the machine. The machine's features are rounded off with SCM's exclusive self-tensioning system for the belt, which guarantees greater performance and a longer life.

The latest developments for completely automatic machines can be found in the **circular saw technology**: the **class px 350i**, a new circular saw with a mobile carriage and a blade that can be tilted up to 46°. The saw houses blades up to 350 mm (300 mm when using the scoring saw function). Operators can work in utmost safety and in limited spaces, thanks to the unique structure and machining process, which includes a presser to ensure that the panel is clamped perfectly, as well as protecting the operator at the same time. The "Ready" control on the suspended wall unit, guarantees the motor-driven and programmed movement of the blade tilting and of the rear stop, ensuring a fast and precise positioning and reducing the movement of the operator.

Another new development found in the automatic machines is the **startech cn plus**, SCM's most affordable **drilling and routing machine** and the machine with the best quality/price ratio in the entry-level category. The machine is completely automatic and through panel, with a fast execution speed, considerable power in the drilling head electrospindle and it does not require the operator to complete the machining. The machine PC includes the **SCM Maestro software**, which guarantees a higher level of communication between machine and projects. The panel aligner is automatic, guaranteeing a true and comprehensive automation of the drilling and routing machine.

Remaining with the **automatic drilling machines**, we find another new development with the **startech cn v**: a completely automatic machine that stands out for its competitive price married with a good level of productivity. The 11 spindle + grooving cut blade drilling head, operates with a panel clamp and barcode reader, to render the work fast and effective, without interruptions or jams.

Changing technologies let's take a look at **edgebanders**, which in recent years have been the rising stars of SCM's joinery machines. This year SCM presents the new version of the famous **minimax me 40**. Taking up the same amount of space, the base has been completely redesigned to house the corner rounding unit, thus guaranteeing a higher level of finish and the possibility of machining solid wood edges. All the above wrapped up in the most competitive price on the market.

Furthermore the new range of **formula str 32** and **str 62 brushing machines** is another important new entry. The sturdy structure, the unit lifting on 4 columns and the double machining unit that allows users to achieve the desired finish in a single passage, render this brushing machine a must

in the woodworking workshop of any artisan who wants to stay abreast of the latest trends and perform these types of machining operations. The machine is available in the rustication version and in the version with abrasive brushes for sanding, along with inverter, to adjust the speed of the brushes. The ease of use and effectiveness of this machine are guaranteed with the high grip rubber mat, the efficient extraction provided by the large-diameter extractor hoods, the quick adjustment of the presser units and the lifting with front handwheels.