

The latest innovations for advanced joinery at SCM Open House

New band saws range: top-level safety and durability

Among the new solutions that were unveiled in preview during the Open House 2026, attendees had the opportunity to discover the **new band saw range**, designed and manufactured by SCM to combine structural solidity, quality materials and maximum safety.

From the compact **s 40n** to the industrial **s 90n**, the new machines stand out for their exceptionally **sturdy heavy cast-iron worktables and wheels**, which ensure maximum stability and vibration dampening.

Exceptional **resaw capacity up to 628 mm**, powerful motors, and **dual blade speeds (optional via inverter)** enable the machines to tackle oversized and demanding cuts with ease, delivering clean results even under heavy load.

The entire range is paired with **industrial-grade three-phase** motors powered by **three-phase or single-phase supply via inverter**, for superior robustness and long-term asset protection. The new solutions are in addition equipped with **state-of-the-art guide**, which ensure superior accuracy and minimal rework.

Excellent ergonomics and a fast, precise setup are enabled by the **ergonomic tilting worktable with crank (0°–45°)** and the **blade tensioner quick-release** (available on **s 40n / s 50n** models), that drastically reduce downtime.

To ensure maximum operator safety at every stage of operation, the range is equipped with a **telescopic blade guard** with rack and pinion lifting system and an optional **emergency pushbutton under the worktable**, developed to guarantee added protection.

Finally, uncompromising clean operations are guaranteed by **two extraction ports, standard on all machines** - one under the worktable and one on the lower flywheel - that keep the workspace consistently clean and free from sawdust.

nova si 4: the cutting-edge choice for modern joinery

The **nova si 4** is the new circular saw designed by SCM that combines **high performance and maximum versatility** basing on the operator's requirements.

The machine features a new, highly reliable sliding carriage, guaranteed for 10 years, with a locking system in any position, developed to enhance performance and customization.

Its closed reticular geometry provides top rigidity and minimal flexing. The sliding system on hardened steel guides using an exclusive method of mechanical fixing, ensures a smooth operating movement.

The saw blade unit, made of a solid and sturdy structure, enabling an accurate cut and the lifting mechanism is carried out by a strong cast-iron structure with sliding on ground round slideways. The closed loop structure allows the total absence of vibration and guarantees the perfect alignment of the blades, even in case of tilted and difficult cuts.

The hand-wheels on the machine front, for the saw blade unit moving, are easy to use; every minimum hand-wheel movement corresponds to an exact blade adjustment: the **dedicated gear box (SCM solution), fully protected from the dust**, ensures a smooth and direct transmission, making the everyday work more comfortable. On request, for the best ergonomic and efficiency, **the movement system can be electric or electronically programmed by the "Ready" control**

system, with 4" LCD display, which enables the automatic management of the main settings, for a simple and effective programming.

The squaring frame facilitates the panel loading and its mobile cross beams offer an optimal support also to smaller panels. Moreover, depending on customer's demands, different optional squaring frame devices are available, including the squaring frame with "CompeX" device and the **new squaring frame with telescopic "Quick Lock" fence** made of two reversible stops with lens and fitted with simultaneous locking/unlocking for the quick set-up change in a few seconds.

Lastly, the machine can be equipped, on request, with a wide range of options to further improve its performance and functionality.

startech cn k: the compact machining centre available to artisan carpentry, but not only...

SCM startech cn k is the 3-axis machining centre ideal for all types of milling, decorations, engraving, signboard creation and 3D models prototyping.

Designed to ensure **the highest safety standards**, the machine is equipped with **an integral cabin with internal LED lighting**, which ensures absolute protection for the operator and keeps the surrounding work environment clean. The combination of safety, **ease of set-up and use** makes startech cn k an ideal solution not only for artisan carpentry, but also for training schools and prototyping departments of industrial realities.

The routing unit, powered by **2,4 KW electrospindle with R25 tool-chuck**, which is generally used on higher-segment machines, enables a powerful routing. Moreover, the **NC movement with 3 interpolating axes**, ensures high-precision and optimal performance. With the optional **4th interpolating axis** (lathe processing), the machine offers also total freedom in the production of parts with the most complex and unusual shapes.

SCM startech cn k is easy to program. Thanks to its **"Open" virtual human-machine interface**, it is capable of importing G-code from any type of CAD/CAM software, subject to prior advisable verification with the software supplier regarding the interface's capability to correctly read the provided G-code. From today, the programming of two-dimensional operations is also possible thanks to the **new Maestro Lab 2D software**, developed by SCM and available as a new option.

To further enhance its performance and functionality, startech cn k can be equipped with **additional new optional devices**.

The **mobile push-button panel** allows the operator to manage the main machine functions through a handheld controller – including spindle speed and axis movement – ensuring greater focus on the machining process.

The **vacuum pump**, on the other hand, speeds up and improves vacuum generation, delivering a volume flow rate of 8 m³/h compared to the 2 m³/h of the standard solution, ensuring better workpiece grip and greater precision.

With startech cn k, every project comes to life through safe, accurate and reliable machining.

Press Office: press@scmgroup.com

Communications Scm Group:

Alessandra Leardini – alessandra.leardini@scmgroup.com

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