

SCM TRADITIONAL JOINERY MACHINES: THE TOP-CLASS, MOST COMPLETE RANGE ON THE MARKET

"L'invincibile" product line: a never-ending story

The "L'invincibile" line, at the top of the range of SCM joinery machines, is among the undisputed market leaders world-wide and tells a continuing story of expertise and success. This line of machines looks very different from the early models of the 1950s, but the precision, strength and reliability of these joinery gems are unchanged, as is the passion for joinery of industry workers and customers.

Testimony to these strong roots is the partnership between the SCM brand and Sforzi Teak, a Tuscan company specialised in the construction of teak decks for luxury yachts. Alessandro Sforzi, the founder and owner of the company, only and exclusively wanted machines from the Invincibile line in his carpentry workshop, because, in his own words: "If you have the right machines, you can do certain jobs, otherwise, all the possible different machining options do not even come to your mind, and you will miss out on lots of opportunities."

"L'invincibile" is the product line with which the story of the largest Italian woodworking machinery group began - used and appreciated by countless carpenters and woodworking craftspeople world-wide as the epitome of Italian excellence. Quality, speed and safety are among the main features characterising all the machines engineered by SCM, which since its beginnings in 1952 has never stopped creating new, thrilling designs.

minimax si x. Double blade tilting, an important goal reached by minimax circular saws

The new minimax circular saw represents not only an important result within SCM, but also a unique project of its kind: a squaring machine with +/- 46 °tilting blade with powered-programmed movement which positions itself in a technological level where there aren't other similar solutions on the market.

The double blade tilting technology brings many important advantages compared to other circular saws:

- The tilted cut in both angles (positive and negative) is carried out without having to flip the panel: in this way the exposed face is safeguarded.

- Possibility of tilted cut in both panel angles with shaped and profiled upper face
- Possibility to perform particular machining such as jointing grooves execution on tilted side
- Work with even more safety: the operator can work without the necessity of shapes or non conventional and unsafe solutions, thus avoiding to change his work habits.
- It is no longer the responsibility of the operator to adapt to the machine and there is no longer the necessity to lift and turn heavy pieces to be cut, but it is the machine that adapts to the needs of its user

Each craftsman and/or small carpentry can no longer do without the new minimax: a small innovation that requires no particular investments, but it offers the opportunity of a more efficient and effective machining with the result of a higher comfort, precision and quality

Let's look more closely at the new minimax circular saw of SCM for woodworking machines:

- Saw-blade unit with blade up to Ø400 mm with installed scoring unit, tilting from + 46° to - 46
- Programmed saw-blade unit movement (lifting/tilting), controlled by NC
- Adjustable scoring unit (lifting and movement) from outside the machine
- 150mm scoring blade diameter
- Electronic digital readouts for blade tilting and lifting from control panel
- Overhead blade protection with manual adjustment for machining with tilted saw-blade unit
- Optional "mobile control panel"

Automatic edge bander minimax me 35 Unmatchable finish with the innovative end cutting-rounding unit

Ease-of-use with all inclusive equipment: me 35, offers the "very best" performance in edge banders at this level. The features, coupled to its ease-of-use, makes it the perfect edge bander for small woodworking, furniture and panel processing companies.

Unique in this sector thanks to the combined End Cutting-Rounding unit to edge band, with great flexibility, melamine edges, PVC and ABS up to 3 mm.

- **AN UNMATCHABLE FINISH.** A new combined End cutting-rounding unit with rigid structure for unique quality processing in its market segment. Now the rounding process is available for all workshops. In fact the substitution of the end cutting unit does not increase the machine overall dimensions allowing a substantial reduction in costs compared to the traditional solutions.

- **SIMPLE AND INTUITIVE USE OF THE MACHINE.** The PLC guides the operator through the selection of all the main functions: maintenance, cleaning, diagnostics, etc.
- **"TOP" OF THE RANGE DEVICES.** Exhaust outlets dedicated to: operating units for an optimal finish, glue pot unit for the best cleaning.
- **EXCEPTIONAL ACCESS** to all the operating units with the effective and noiseless protection hood.
- **PRECISION AND EASE-OF-USE:** a single handwheel with a numerical readout raises and lowers the pressure beam allowing the automatic positioning of the operating units according to the panel thickness.

The new "VF Formula" extractors: improved efficiency, best value and easier work

Work is easier in a clean environment and air is the first element to be kept contaminant-free. Thanks to their unique technology, VF systems remove dust and wood shavings from the workshop environment and equipment, without any prolonged downtime, and with easy to schedule maintenance, low operating noise and high energy efficiency.

Thanks to their long filter life, high performance and low cost, VF extraction systems contribute significantly to increased efficiency and safety on the workplace.

An innovative and exclusive system that works exclusively with air jets. In a nutshell, the operating principle is as follows: the "dirty" contaminated air is sucked in, shavings and dust settle on the filter to form a so-called "cake" that is removed at regular intervals by compressed air jets. A bonus plus feature:

The blow generated by the air jet lasts approximately 0.25 seconds and is produced by the existing airflow.

These features are complemented by a compact design that makes it possible to install the VF Formula extractors easily and in any type of work environment, with a very low level of vibration, which significantly reduces noise, enabling a silent operation performance among the best in the industry.

The VF Formula extractors are available in a wide selection of models to choose from and to suit every need: come and find out all about them at Xylexpo 2018.

10 years guarantee, unparalleled reliability and technology.

Extended warranty for all the sliding carriages of the nova line.