

MACHINING CENTRES FOR CHAIRS, TABLES AND FURNISHING ACCESSORIES: THE LATEST FROM THE BALESTRINI RANGE

First ever preview at "SCM LIVE SHOW", the new "balestrini pico" numerically controlled tenoning-mortising machines, fully re-designed to further enhance safety, ergonomics and ease of use, in line with the requirements of table, chair and cabinet doors manufacturers.

Also appearing live, the "**balestrini power**" CNC machining centre with the machining of a solid wood furnishing accessory.

BALESTRINI PICO: numerically controlled tenoning-mortising machines

Let us introduce the range in detail:

"**balestrini pico tn**" is the two bench tenoning machine to achieve any kind of tenon with excellent productivity: horizontal, vertical, tilted, rounded and rectangular;

"**balestrini pico md**" is the ideal machine for creating solid wood or MDF frames, structures and cabinet doors with melamine coating to be assembled without using dowels via "Miter door" joint.

"**balestrini pico ff**" is the ideal solution for creating frames and structures with "Miter door" joint and shutter doors with the typical "Face frame" joint;

"**balestrini pico fj**" is the most complete machine on the market for creating "Miter door" joints, "Face frame" and "French Joint" for solid wood or MDF frames, structures and shutter doors with melamine coating;

"**balestrini pico om**" is the small "all-purpose" machine capable of moving from head executions (tenons, trimmings, multiple drillings) to machining along the piece edge (multiple mortising, routing and drilling) for an extremely flexible production of parts for chairs and tables, such as solid wood cross rails and backs.

The exclusive advantages of SCM tenoning-mortising machines are:

- **Power and ergonomics** thanks to the machining units that enable tenons and mortises can be created in a limited number of steps. Head machining and longitudinal machining are achieved at different stations but on the same machine, expanding therefore the applications and freeing up space in the factory. Thanks to the range's unique design, for companies, it is like having **two machines in one**.
- **Safety**: the complete closure of the machine guarantees protection without restricting its ease of use, while also keeping the external environment **clean**.
- the new **Maestro active joint** with its extremely simple, effective design allows for the selection of numerous macros to program the joints to be achieved, as well as trimmings and drilling.

BALESTRINI POWER: maximum versatility in compact sizes

"Balestrini power" is the 5-axis machining centre with a fixed gantry structure weblog SCM. This CNC machining centre, ideal for manufacturing **seats, tables, beds, doors, stairs and musical instruments**, can be configured with different specific solutions to achieve maximum productivity.

High configurability is the strong point of the bar work table fitted with Combi and Jig free locking devices that allows for pieces of any shape to be locked using specific counter shapes.

With the 3 electrospindle CS33 machining **unit** with liquid cooling, one of which one with tool change, all the tools needed for the different operations are always available to guarantee an **unparalleled processing speed**.

The new CE cabin with vertical sliding doors ensures **complete operator safety** and it allows the operator can access the machine rapidly.

Lastly, "balestrini power" is truly unbeatable thanks to the new 5-axis Smart Pro CAD/CAM software which makes it possible to generate geometries, automatically optimise the machinings and simulate in a single environment, reducing programming time dramatically.