

MACHINING CENTRES FOR FURNITURE: “MORBIDELLI” RANGE

THE LATEST GENERATION FOR NESTING

“morbidelli x200/x400”

“morbidelli x200/x400” is the latest generation of SCM solutions for nesting, ideal for a flexible “batch 1” production. Pieces, even shaped ones, in a variety of forms and sizes can be cut on a single numerical control machining centre with production levels once considered inconceivable for this kind of machining.

- **Unique flexibility**
All the machining work is done without removing the spoil board panel, thanks to the **X-POD** suction cups and the **JQX (Just Quality eXtreme)** 5-axis electrospindle. This dramatically reduces the machine's set-up times.
- **Previously inconceivable productivity**
Thanks to the new **labeller inside the machine's cabin**, the labelling of individual panels is done automatically, before the panel is machined, even in the case of a stand alone version, and this optimises cycle times.
- **Maximum grip**
It is possible to block even the smallest pieces during machining thanks to the **new X-Vacuum system** which allows for a dynamic vacuum to be activated, concentrating it on the worktable zone where machining is on-going.
- **Maximum versatility**
The machining centre can be configured to suit business' requirements. The “morbidelli x200/x400” can be used in *Smooth*, *Neutral* or *Dynamic* mode to personalise program applications “in an instant”.

“ALL-IN-ONE” MACHINING CENTRES FOR PANEL DRILLING AND ROUTING

“morbidelli m100”

The All-in-One Technology revolution doesn't end here. “Morbidelli m100” continues to surprise and evolve further with the **new compact solution** that makes the 5-axis machine the smallest on the market. All the advantages of the “morbidelli m” range in an ultra-compact solution.

“morbidelli m200”

The “morbidelli m” range confirms itself globally as the benchmark for CNC machining centres. Thanks to its **solid structure**, the **250 mm** piece transit, the **5-axis Prisma KT** and the “morbidelli m200” **Flexmatic plane** can handle not only every kind of panel machining, but also those for solid wood.

MACHINING CENTRES FOR PANEL DRILLING, ROUTING AND EDGEBANDING

“morbidelli p800”

This is SCM's no-compromise solution which combines the traditional operations done on a machining centre with the possibility of **edging even the most difficult shaped pieces**.

The combination between the MATIC work plane and the innovative operator unit means "morbidelli p800" can machine even the most complex pieces, in a few steps. From the 0-360° edge closures, to the tilted edgebanding, via automatic change of the pressure roller. There are no boundaries for this machining centre.

DRILLING SOLUTIONS

"morbidelli ux200"

Flexible drilling at SCM is called "morbidelli ux". Thanks to the **4 separate operator units** (two upper and two lower), any piece can be machined in a few steps. Furthermore, the possibility of processing two overlapping pieces means the production of symmetrical pieces can be doubled.

Blade units, electrospindles, tool change, and the possibility of integrating a production line makes "morbidelli ux200" the machine that best combines **flexibility** and **high productivity**.