

The latest from Superfici for an eco-sustainable, trendy finish

The **surface treatment** plays an increasingly crucial role in raising the aesthetic and practical quality of a piece of furniture, a fixture or a wooden floor.... This is why SCM was the first to believe in the importance of expanding its extensive range of products and services for machining wood, even with exclusive solutions and skills in terms of **Superfici** finishing, historical brand for designing, developing and manufacturing complete machines and plants for painting. At Ligna 2023, in Hall 16, Superfici is presenting an extensive range of technological innovations.

COMPACT XL SPRAYER

One sprayer worth giving a special mention to is the new **compact xl** which, starting from the solid bases of **Superfici compact**, offers high levels of production capacity and reflects the company's values, increasingly more focused on saving energy.

Some of the key advantages include environmental care and a considerable reduction in consumption thanks to a more efficient paint recovery system, that helps reduce waste by maximising productivity, and an advanced recycling of air volume that optimises performance and can be saved in formulas that can be called up for different spraying cycles. All this "spiced up" by a completely new design.

Compact xl also allows to achieve a **fast, maximum-level cleaning**, thanks to the dual filtering system and patented on-demand filter, an innovative, fast cleaning system for the paint recovery unit and ventilation conditions that are always excellent in the spraying environment.

The new Superfici solution stands out for an **increasingly simpler, more integrated use** with other SCM group technologies thanks to the new **Maestro active finishing** software control.

UV LED

Also on display at the Superfici stand is a **Uv led polymerisation system** with several UV monochromatic sources of different wavelengths to achieve a controlled multi-chromatic emission in a wider spectrum compared to the pure Uv led radiation.

This allows to achieve chemical-physical performances fully comparable with standard Uv polymerisation, while maintaining the typical advantages offered by led.

Technology for the polymerisation of paints is highly advantageous in terms of eco-sustainability, thanks to the reduced energy consumption of led light compared to bulbs. Furthermore, UV LED lights do not require special disposal because they do not contain any toxic elements like mercury which is essential for the functioning of classic UV lights.

Last but not least, the UV Led lights guarantee exceptional finishing quality especially in the case of thermal-sensitive materials, because only a minimum amount of heat is released during drying; this ensures that the number of scraps falls drastically, and the finish effect is next to none.

Superfici has engineered this technology that proves to be versatile on a wide range of products, suited to standalone machines as well as high-productivity machinery and lines.

EXCIMATT

For extra-matte effects on the finish of the most varied end products and materials, another new entry is the **Superfici excimatt**: excimer technology offering surprisingly soft touch effects and super matt finishing to satisfy the latest design trends.

Another important advantage is the possibility of achieving a greater surface hardness and scratch resistance over time: thanks to the excimer system integrated in an inert chamber, results with extra-matte finish and extremely low gloss level are achieved, without the addition of chemical additives.

SCM SURFACE TECHNOLOGIES

The addition of Superfici to the Group has made SCM a unique benchmark for the market in surface treatment processes. **SCM Surface Technologies** is an all-round, integrated offer of sanding, pressing and painting products and services to satisfy each process requirement for the achievement of exclusive, sophisticated and trending surfaces.