

SUPERBA ITMA BARCELONA 2019 PRESS RELEASE (UCMTF)



Nowadays, carpet designers and manufacturers are looking to differentiate themselves by creating innovative and sustainable products, with a lower environmental impact, using versatile processes, enabling the use of different synthetic or natural fiber types.

The advanced functionalities of SUPERBA machines permit them to reach their goals:

Thanks to the latest version of the MCD3 Space-dyeing machine, combined with the new MF400 texturization device, and a heat-setting line, it is now possible to produce carpet yarn out of polyester, polyamide, polypropylene, acrylic, viscose or wool, in one continuous single-step-operation, more energy efficient, web connected, and almost pollution-free.

With the 'one pile – one color' process, or thanks to the new 'bi-color printing' technology, the space-

dyeing process has been renewed and undergoes a new boom. This technology enables to get yarn directly usable in carpet and rugs to realize innovative design. It is now possible to obtain up to 15 different color shades on the same yarn in one single working pass.



To bring more value to the yarn, it is also possible to insert the texturization device MF400 between the dyeing machine and the heat-setting line in a one-pass process. Thanks to its new texturization box, one can get a controlled texture with an adjustable amplitude, especially even and homogeneous.



To fix the dyestuff in the fiber and lock the twist, the heat-setting lines are directly connecting to the upstream processes, thus producing a soft-touch and durable carpet yarn. Whatever the fiber type, SUPERBA is proposing the right solution:

The TVP3 with its saturated steam under pressure process is the right choice when pinpoint effect and durability are the dominant requirements sought for PA, PET, PP or wool and blends.

For acrylic, the saturated steam at atmospheric pressure at 100°C will be used: the LV3 line for raw yarn, or the DL5 line for space-dyed yarn.

At the line outlet, the B401 automatic winder, that can handle up to 96 bobbins, is the perfect solution with the highest rate of automatic doffing success and a proven reliability.

Each of these processes are now linkable to VANDEWIELE TEXCONNECT system in order to optimize raw material use, plan maintenance operations, and thus reduce downtimes, waste, environment impact and increase energy savings.

At ITMA Barcelona, SUPERBA will welcome you on their stand D206 in Hall6. You will discover our latest developments especially in the field of yarn treatment where we will unveil a new innovative global process from the creel to the winding.