

BCF S8 tricolor

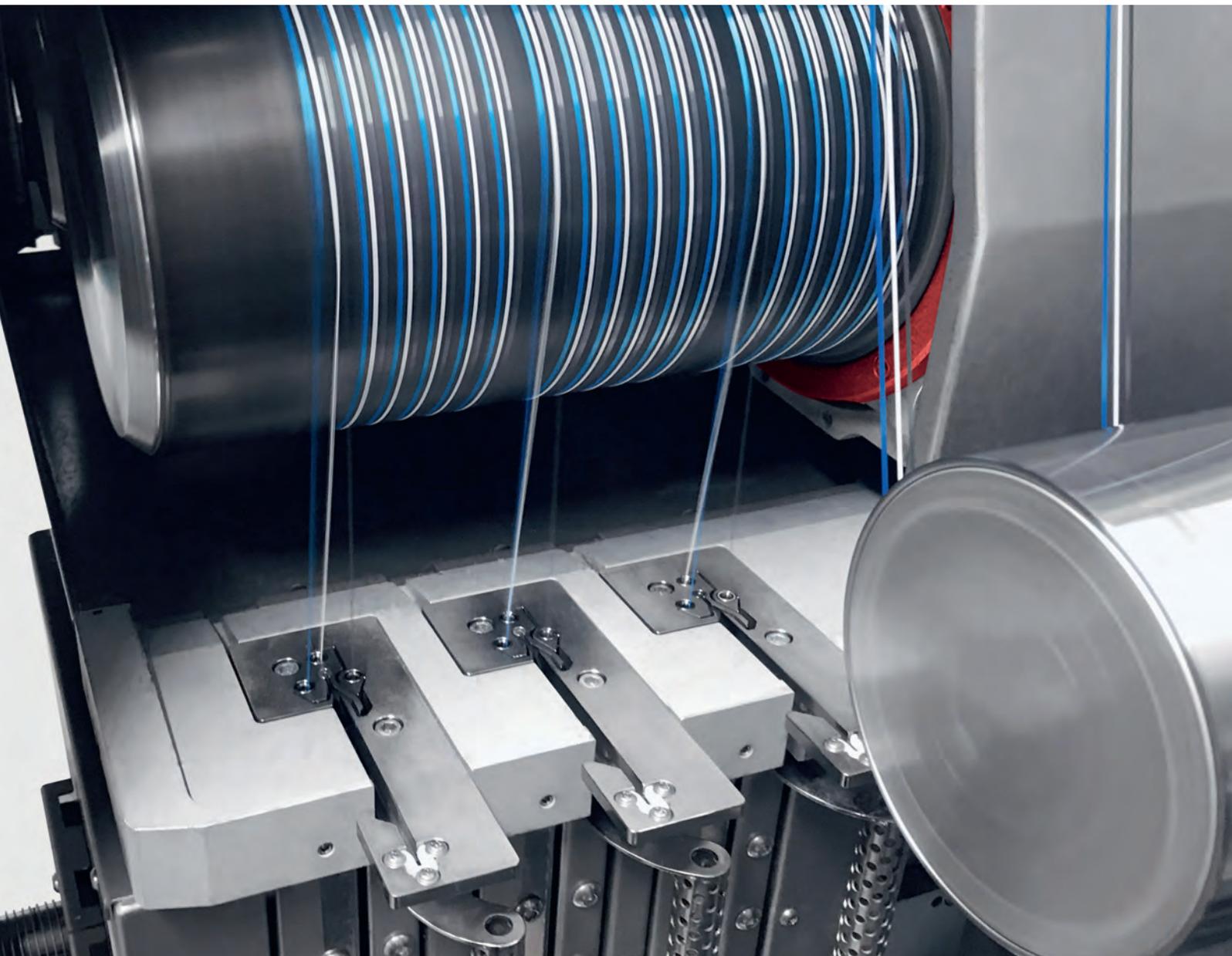
Three colors – full control



Color separation on a new level

Multicolored carpets are becoming increasingly popular. The desire for considerably more flexible color mixing variants is growing. Oerlikon Neumag has shifted its focus to this and has developed a platform with the BCF S8 that now allows you to produce yarn for any degree of color separation – from mélange to strongly separated colors.

The core component in this process is the new, patent-pending CPC-T unit for even more flexible and more even color separation. In the CPC-T process, each color is compacted directly prior to texturing. This prevents unintentional merging of the individual colors in texturing or in the main tangling process.



Your benefits

Expand your product portfolio:

More than 200,000 different color shades from three colors

CPC-T allows the production of more than 200,000 different color shades – all on the basis of just three different colors. This is made possible by the individually controllable air pressures for each color, which can be set in a range of between 0 and 6 bar. To this end, individual colors can be reproducibly accented in the carpet – for virtually unlimited color pattern diversity.

Completely new designed CPC-T:

Simplified accessibility

The CPC-T has not only been given a new design, it is now also located in a different place, directly above the texturing head. For operators, this means considerably better access and simplified thread-up. The process is becoming faster and more stable.

And whenever production has to be changed over from mélange to monicolor yarns, the CPC-T can be very quickly replaced with the monoguide.

Straight yarn path:

More process stability and reliability

The absolutely straight yarn path of the BCF S8 is able to showcase its strengths when producing tricolor yarn. Each filament is taken off the godets in the exact same way, passing through the CPC-T and into the texturing head in a correspondingly uniform manner. This considerably improves the yarn quality.

Cooling drum with V-groove:

Improved carpet appearance

Constant yarn tension is even more important for the appearance of a multicolored carpet than it is in the case for monicolor carpets, as stripes become even more visible. The BCF S8 800 mm cooling drum is equipped as standard with a V-groove for all polymers (PET, PA6 and PP), so that the plugs can always be laid straight. The yarn tension remains constant, loops are prevented and hence stripes are avoided in the carpet – improving the appearance of carpets.

Color separation with CPC-T



Mélange



Color pop



One color accentuated

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