

Press Release

Egy Stitch & Tex 2020: Oerlikon Manmade Fibers makes its mark on the African market

Focus on carpet yarns

Remscheid, January 30, 2020 – the Oerlikon Manmade Fibers segment will be presenting itself at the Egy Stitch & Tex 2020 – being held in Cairo between March 5 and 8, 2020 – with a clear focus on the needs of the African market. The Oerlikon Barmag and Oerlikon Neumag experts will also be showcasing the comprehensive product and service portfolio of the world market leader for manmade fiber systems at the stand of Oerlikon’s representative ATAG Export & Import in Hall 1, Stand B2.

The spotlight of the Oerlikon Manmade Fibers segment’s trade fair attendance will be on two core technologies: the new generation of Oerlikon Barmag eAFK Evo texturing machines is to be unveiled within the African market for the very first time. It promises higher speeds and productivity with consistently high product quality, along with lower energy consumption and simpler operation vis-à-vis comparable market solutions. In particular, the numerous value-added features include two that convince with cutting-edge technology: the optimized, innovative EvoHeater and the EvoCooler, a completely newly-developed active cooling unit.

The second technology focus offers new opportunities for the Egyptian market and the Middle Eastern markets in particular: with Oerlikon Neumag’s BCF S8 monocolour and tricolour system, the segment will be unveiling its new carpet yarn production flagship. Superlative spinning speeds, up to 700 individual filaments, finer titers of up to 2.5 dpf – the performance data and technological finesse of the new system have already made a huge impression at numerous trade fairs and roadshows over the past year. The tricolour’s core component is the new, patent-pending Color Pop Compacting unit (CPC-T) for even more flexible and more even color separation. With the CPC-T, individually-controllable air pressures for each color provide pre-tangling, which accentuates the colors and hence makes more than 200,000 different shades possible. Whereas it has been very difficult to manufacture strongly color-separated or color-accentuated BCF yarns from polyamide 6 to date, this will in future be possible thanks to the CPC-T system. As a result of the new design, the CPC-T is now also suitable for processes with low yarn tensions.

Expanded product offering for manufacturing carpet yarns

Know-how covering all relevant technologies deployed in manmade fiber spinning plants enables Oerlikon – as the world's only manufacturer – to expand its range of products and services for making carpet yarns. The POY- and texturing-based system concept is designed for a carpet and home textiles segment that demands particularly soft and bulky polyester yarns with BCF-like properties. Here, the aim is to produce yarns with titers of max. 1300dtex and typically more than 1,000 filaments, with typical products including, for example, 1300dtex f1152, 660dtex f1152 and 990dtex f768. The machine concept comprises the well-known WINGS HD POY winder, along with the eAFK Big-V texturing machine.

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Caption left: The BCF S8 sets new standards with regards to color separation.

Caption right: eAFK Evo – texturing in its coolest way.

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About Oerlikon

Oerlikon (SIX: OERL) develops modern materials, systems and surface technologies and provides specialized services aimed at securing high-performance products and systems with long lifespans for customers. Supported by its technological core competencies and its strong financial footing, the corporation continues its medium-term growth plan by implementing three strategic factors: focusing on attractive growth markets, ensuring structural growth and expanding through targeted M&A activities. Oerlikon is a globally-leading technology and engineering corporation, operating its business in two segments (Surface Solutions and Manmade Fibers) and employing around 10,500 members of staff at 175 sites in 37 countries worldwide. In 2018, Oerlikon generated sales of CHF 2.6 billion and invested around CHF 120 million in research & development.

For further information: www.oerlikon.com

About the Oerlikon Manmade Fibers segment

With its Oerlikon Barmag, Oerlikon Neumag and Oerlikon Nonwoven brands, the Oerlikon Manmade Fibers segment is the world market leader for manmade fiber filament spinning systems, texturing machines, BCF systems, staple fiber systems and solutions for the production of nonwovens and – as a service provider – offers engineering solutions for the entire textile value added chain. As a future oriented company, the research and development at this division of the Oerlikon Group is driven by energy-efficiency and sustainable technologies (e-save). With its range of polycondensation and extrusion systems and their key components, the company caters to the entire manufacturing process – from the monomer all the way through to the textured yarn. The product portfolio is rounded off with automation and Industrie 4.0 solutions. The primary markets for the product portfolio of Oerlikon Barmag are in Asia, especially in China, India and Turkey, and – for those of Oerlikon Neumag and Oerlikon Nonwoven – in the USA, Asia, Turkey and Europe. Worldwide, the segment – with just under 3,000 employees – has a presence in 120 countries of production, sales and distribution and service organizations. At the R&D centers in Remscheid, Neumünster (Germany) and Suzhou (China), highly-qualified engineers, technologists and technicians develop innovative and technologically-leading products for tomorrow's world.

For further information: www.oerlikon.com/manmade-fibers