

Oerlikon Polymer Processing Solutions presents sustainable solutions at SaigonTex

Oerlikon – total solutions for the Vietnamese textile industry

Neumünster, Remscheid, March 18, 2024 - At SaigonTex from April 10 to 13, 2024 in Ho Chi Minh City, Vietnam, the Oerlikon Business Unit Manmade Fibers Solutions will be presenting complete solutions from a single source. At the Saigon Exhibition and Convention Center, the machine manufacturer's experts will be providing information about their sustainable machine and system technologies at the Illies Engineering Vietnam Co., Ltd. representative stand in Hall A, Stand 1J-01.

Trade visitors will be able to get an overview of complete solutions that include everything from polycondensation systems to textured yarn and digital solutions. The supply of all process steps from a single source promises coordinated technology, the design of which ensures the high quality of the yarn produced. Sustainability is another focus of information. Oerlikon Polymer Processing Solutions and partners such as Oerlikon Barmag Huitong Engineering (OBHE) will be presenting concrete concepts for topics such as mechanical and chemical technologies for recycling bottles, as well as textiles, biopolymers and the circular economy. The company has been offering innovative solutions for the textile industry for 20 years with its sustainability label e-save.

EvoSteam – sustainable production of staple fibers

The EvoSteam process from Oerlikon Neumag is the future for more sustainable staple fiber production. It offers impressive savings in energy, water and raw material consumption, as well as a reduction in operating costs (OPEX) and the CO2 footprint - while at the same time providing excellent fiber quality for downstream processes and high production volumes.

DTY yarns – uncompromising quality and maximum flexibility

Clothing, home textiles, automotive - there are countless applications for textured yarns. Oerlikon Barmag offers a wide range of different DTY machine configurations for the efficient and sustainable production of high-quality textured yarns made of various polymers, from polyester and polyamide to polypropylene, PLA and PTT. With sophisticated components, know-how and proven technology, the modular DTY machines - whether manual or automatic - produce textured yarns for excellent further processing in downstream processes at optimum OPEX costs.

Recycling is the future

OBHE's homogenizing technology stands for the mechanical recycling of processed polyester waste such as post-industrial waste (popcorn), bottle flakes and film. The Oerlikon Barmag homogenizer ensures a homogeneous melt, influences the viscosity increase and thus makes it possible to produce defined rPET pre-products for further processing, such as melt, pellets or fiber material for direct spinning. The first plants have already been successfully commissioned worldwide.

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Caption 1:

The revolutionary new Oerlikon Neumag EvoSteam staple fiber process is now bluesign® certified.



Caption 2:

The technology creates a high surface area and, together with the precisely defined residence time, provides more options for influencing the melt.

About Oerlikon Polymer Processing Solutions Division

Oerlikon is a leading provider of comprehensive polymer processing plant solutions and high-precision flow control component equipment. The division provides polycondensation and extrusion lines, manmade fiber filament spinning solutions, texturing machines, BCF and staple fiber lines as well as nonwoven production systems. It also develops and produces advanced and innovative hot runner systems and multi-cavity solutions for the injection molding industry. Its hot runner solutions serve business sectors, including automotive, logistics, environmental, industrial applications, consumer goods, beauty and personal care and medical. Moreover, Oerlikon offers customized gear metering pumps for the textile, automotive, chemical, dyes and lacquers industries. Its engineering competence leads to sustainable and energy-efficient solutions for the entire polymer processing value chain with a circular economy approach.

Oerlikon Polymer Processing Solutions Division serves customers through its technology brands – Oerlikon Barmag, Oerlikon Neumag, Oerlikon Nonwoven and Oerlikon HRSflow – in around 120 countries with production, sales, distribution and service organizations.

The division is part of the publicly listed Oerlikon Group, headquartered in Switzerland, which has more than 12 600 employees and generated sales of CHF 2.7 billion in 2023.

For further information: www.oerlikon.com/polymer-processing



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