

New UNITEX plant opens in Trang Bang

atmos.io paves the way to the digital factory

Remscheid, January 27, 2026 – UNITEX is expanding its capacity by a further 36,000 tons per year with a new filament yarn production plant. Once again, the Vietnamese company is relying on solutions from Barmag.

What makes it special is that the plant, which was inaugurated in Trang Bang at the end of January, is completely digitalized using Barmag's atmos.io digitalization platform. This means that the entire material flow is digitally recorded and networked, and each individual package is individualized and documented with its personal characteristics. With the help of artificial intelligence, deviations in production are detected at an early stage so that operators can react immediately. Corrections in the material flow can be made in real time. The laboratory, which is digitally integrated into the process, safeguards interventions in the material flow. As a result, atmos.io increases efficiency on the shop floor and enhances process quality – and thus product quality as well. "With the atmos.io digitalization platform, we create a holistic solution that unifies the entire production process. This not only enables us to achieve consistently high overall equipment effectiveness (OEE), but also supports fast, well-informed decision-making and flexible adaptation to individual customer environments," says UNITEX CEO Jack Dang, explaining his decision to choose atmos.io.

Extensive third-party automation is also seamlessly integrated into atmos.io. "atmos.io is the platform for the smart factory. We don't stop at connecting our scope of supply, as that would not help our customers. Our aim is comprehensive tracking from the melt to the stored package," explains Jörg Groß, Lead of Digital Product Development. The Remscheid-based plant manufacturer and solution provider for manmade fiber production supplied the hardware for all process stages, from chip preparation to extrusion, spinning, and texturing, including utilities.

UNITEX is a subsidiary of Century Corporation and a leading Vietnamese supplier of high-quality specialty yarns and recycled DTY.

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Caption:

Fully digitalized with Barmag's atmos.io: The new UNITEX plant in Trang Bang.

About Barmag

Under the traditional name Barmag, the Swiss Oerlikon Group has been continuing its chemical fiber business as a subsidiary since 2025. This includes the established product brands Oerlikon Barmag, Oerlikon Neumag and Oerlikon Nonwoven. As a future-oriented company, research and development are focused on energy efficiency and sustainable technologies (e-save).

Barmag is one of the leading suppliers of filament spinning plants for chemical fibers, texturing machines, BCF plants, staple fiber plants and solutions for the production of nonwoven fabrics. Together with its range of polycondensation and extrusion systems and their key components, Barmag thus covers the entire manufacturing process – from monomer to textured yarn – and supports it with customer-oriented engineering services. The product portfolio is rounded off by automation and digitalisation solutions. In addition, Barmag offers high-precision gear metering pumps for the textile industry and other sectors, including the automotive, chemical and paint industries.

The main markets for the Barmag product portfolio are in Asia, particularly China, India, Turkey and the USA. Barmag employs around 2,500 people worldwide and is represented in 120 countries with production, sales and service organisations. In the research and development centres in Remscheid, Neumünster (Germany) and Suzhou (China), highly qualified engineers, technologists and technicians develop innovative and technologically leading products for tomorrow's world.

Oerlikon (SIX: OERL) is a global leader in surface technologies. Headquartered in Pfäffikon, Switzerland, the Group has over 12,000 employees at 199 locations in 38 countries and generated sales of CHF 2.4 billion in 2024.

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