

Italy's Aleph launches new feature-rich products at ITMA

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LAFORTE 600 Paper. Pic: Aleph

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INSIGHTS

- *Aleph has unveiled feature-rich products at ITMA that drive customer differentiation and profitability while promoting sustainability.*
 - *LAFORTE 100 Paper offers water-based dye-sublimation printing with fluorescent inks for sportswear and apparel.*
 - *Its R&D expertise and commitment to the environment contribute to innovative and adaptable product offerings.*
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Aleph, a leading Italian manufacturer of sublimation and direct-to-fabric inkjet printers for the textile and visual communication industries, has launched new feature-rich products engineered to drive customer differentiation and profitability, at the ongoing ITMA exhibition.

In line with ITMA 2023's tagline, 'Transforming the World of Textiles', Aleph is demonstrating how the company's advanced technologies enable users to enhance their product portfolio and address new and promising market segments, while also contributing to improve their ecological footprint and make a positive impact on a sustainable future.

Through continued R&D investment and efforts, Aleph has established a broad portfolio offering that addresses the ever-changing market demand and actual needs of print service providers. Debuting worldwide at ITMA on Aleph's booth (Hall 7 – Stand D50) is the brand-new LAFORTE 400 Fabric H, a hybrid model that enables the pre-treatment of the fabric in line. The printer is equipped with extra special printheads engineered to complete the pre-treatment of the fabric, just before the actual printing. This enables it to achieve the highest speed of 480 sqm/h and an easy-to-handle three-step processing. The printer utilises Aleph' GOTS certified pigment inks for improved sustainability, the company said in a press release.

Highlighted on Aleph's booth will also be the company's top-of-the-range solution LAFORTE 600 Paper, one of the fastest industrial printers in the sublimation fashion market, achieving an industrial speed of up to 1,000 sqm/h. This printer is equipped with the company's Eco Passport by Oeko-Tex certified sublimation inks and powerful proprietary vacuum transport system that eradicates the use of glues, while also enabling it to print on sublimation paper from 25 gsm. In addition, the latest model at ITMA features 4 mirrored colours + 2 mirrored light colours, resulting in improved quality, enhanced efficiency, and a cost-effective printing process for sustainable fashion and home textile applications on polyester fabric.

Standout technology on the show also includes the LAFORTE 100 Paper, a roll-to-roll water-based dye-sublimation printer with fluorescent inks. The printer achieves a maximum speed of 160 sqm/h in high-quality mode and dual-channelled printheads for each colour, enabling even higher performances. The latest version features Eco Passport by Oeko-Tex Level 3 certified water-based sublimation inks, in CMYK + spot colours and fluorescent dye-sublimation inks. The LAFORTE 100 Paper can handle low-weighted paper, from coated paper of 18gsm and is designed to enable top-quality, efficient, cost-effective, and green production in the sportswear and apparel markets.

"We return to ITMA with a broader, smarter portfolio of cutting-edge technologies, which has been enabled by some of Aleph's key business strengths – our R&D expertise, our close proximity to customers and our commitment to the environment. We keep a strong focus on the market and this allows us to adapt quickly to market changes and customer opportunities to deliver constant system improvements or brand-new innovations," said *Alessandro Manes, CEO at Aleph*. "Visitors to our booth in Milan will have the opportunity to experience first-hand the superior performances of our LAFORTE printing platforms, which can deliver top print quality in a cost-effective way while offering at the same time superior application flexibility."

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