

Aleph

Digital printer hybrid enables in-line pre-treatment

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(Source: Adelph)

New feature-rich products engineered to drive customer differentiation and profitability were launched at the ITMA in Milan/Italy by Aleph. The company, a manufacturer of sublimation and direct-to-fabric inkjet printers for the textile and visual communication industries, has established a broad portfolio which now includes the new Laforte 400 Fabric H, a hybrid model that enables to perform 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 to achieve the highest speed of 480 m²/h and an easy-to-handle 3-step processing. The printer utilizes aleph' GOTS certified pigment inks for improved sustainability.

Also at the stand at the ITMA, Aleph Srl, Lurate Caccivio/Italy, displayed the top-of-the-range solution Laforte 600 Paper, an industrial printer for the sublimation fashion market, which achieves an industrial speed of up to 1,000 m²/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 printing on sublimation paper from 25 g/m². In addition, the latest model features 4 mirrored colors +2 mirrored light colors, resulting in improved quality, enhanced efficiency, and a cost-effective printing process for sustainable fashion and home textile applications on polyester fabric.

Another innovative technology on the show was the Laforte 100 Paper, a roll-to-roll water-based dye-sublimation printer with fluorescent inks. The printer achieves a maximum speed of 160 m²/h in high-quality mode and dual-channeled printheads for each color, enabling even higher performances. The latest version features Eco Passport by Oeko-Tex Level 3 certified water-based sublimation inks, in CMYK + spot colors and fluorescent dye-sublimation inks. The Laforte 100 Paper can handle low-weighted paper, from coated paper of 18 g/m² and is designed to enable top-quality, efficient, cost-effective, and green production in the sportswear and apparel markets.