

Press Release

Wetzikon, Switzerland, 6th July 2017

Mouvent announces launch of 8-color digital textile printer with unrivaled print quality and speed

Mouvent – a new company founded by a joint venture between BOBST and Radex focused on digital print using pioneering digital technology – today announced the launch of its first printer. The TX801 is an 8-color digital textile printer producing high print quality on textiles with up to 2'000 DPI optical resolution, and is associated with unmatched printing speed.

"This is a major step forward in textile printing," said Ghislain Segard, Marketing & Sales Manager, Textile Machines at Mouvent. "The TX801 enables crisp, colorful, very high printing quality in a cost-effective way for short to medium print runs on a wide range of textile materials. Not only is this machine a major advance on traditional textile printing but also on existing digital methods, with a noticeable leap forward in quality, industrialization and reliability."

The TX801 prints with up to 8 colors and, even though it is a scanning type machine, up to 50% of the print jobs are completed in a single pass, boosting productivity up to 200 m²/h or 120 m/h without compromising on quality. In order to reach those levels of productivity, the TX801 utilizes an ingenious, very compact proprietary print engine development, integrating Fuji's Samba print head technology. This is associated with speed, precision and scalability, deploying up to 16 g/m² of ink in a single pass. The engines are based on the MouventTM Cluster, which results in high optical resolution and a very high printing quality. The machine can print onto knitted, woven and non-woven textiles. The maximum fabric width that can be processed is 1,800 mm with roll diameters of up to 400 mm.

"The TX801 is a very durable, compact and accessible printer," said Ghislain Segard. "The high longevity and resistance of the print heads is proven, guaranteeing an exceptionally long service life of the MouventTM Cluster. It is one of the smallest digital printers in its category, helping to boost productivity with a minimum footprint for simple implementation, very ergonomic utilization and extremely quick and efficient job changeovers, making it highly cost effective even on very short runs."

"The TX801 also has a very competitive price per square meter compared with basic digital printers, but with unrivaled print quality," said Ghislain Segard. "We believe it will change the face of digital textile printing."

The TX801 is the first printer to be launched by Mouvent, the digital printing competence center of BOBST. The company has a full product pipeline of digital printers which will be unveiled in the months ahead.

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About Mouvent

We are the digital printing competence center of BOBST, dedicated to inventing and delivering the future of digital printing. Our aim is to develop intelligent digital printing technology for various markets such as textile, labels, corrugated board, flexible packaging, folding carton and more.

Founded in November 2013 by Radex as a startup, and converted into Mouvent as a joint venture with Bobst in 2017, Mouvent has approximately 80 employees in Switzerland.

Radex was founded by Piero Pierantozzi, Peter Brandenberger, Marcel Galliker and Walter Urech, each with more than 20 years of experience in digital inkjet printing. The same people were also the founders of Graph-Tech AG, which they sold to Domino Printing Sciences in 2012.

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