



Textile printing innovation drives Kornit Digital's presence at FESPA Cologne

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Leading industrial platforms and single-step NeoPigment process offer a unique advantage to fabric printers and garment decorators Hall 8: stand E8

Kornit Digital, long-time corporate sponsor of FESPA Fabric, will put the spotlight on mass customisation at this year's exhibition in Cologne, using one-step, fully environmental printing solutions. The company will emphasise its advanced multi-fabric solutions for digital textile printing with demonstrations of the Allegro 1.8m roll-to-roll printer, alongside its six-colour-plus-white Avalanche Hexa, and other key products from its world-leading portfolio of direct-to-garment systems. Also being showcased will be the Paradigm II digital add-on solution for screen-printers. In addition, Kornit Digital's commitment to innovation across applications will be featured on its FESPA booth. This includes NeoPigment based industrial applications of jeans' printing, dark cationic polyester printing, industrial discharge printing plus advances in colour management and print quality. New levels of printing with superior look and feel will be demonstrated, alongside a 'store like' presentation of high quality samples. Taking pride of place on Kornit Digital's booth will be the Allegro single-step roll-to-roll printing system. It opens new opportunities for textile print businesses looking to enjoy the benefits of a digital system without the need for external pre- and post-press processing, thus enabling end-to-end production in the shortest time. The Kornit Allegro prints at superior quality onto multiple fabric types, with results that are 100% sustainable. It incorporates integrated pre-treatment and curing processes which eliminate the need for separate pre-treatment, steaming and washing, making it a true one-step, environmentally friendly solution that requires minimal resources and offers the shortest time from the print file to the finished fabric. The Kornit Allegro has successfully passed rigorous testing in large scale production at customer sites and is now commercially available, featuring a new generation of print-heads with ink recirculation technology for optimal system performance and cost performance benefits.

Kornit Digital's direct-to-garment systems on show at FESPA include the Avalanche Hexa, which is part of the market leading Kornit Avalanche line of products available in multiple configurations for customers focused on industrial high volume manufacturing. The Avalanche Hexa adds red and green to the standard CMYK palette to expand further the print gamut, essential for colour-matched special and spot colours demanded by brand owners. Kornit's industrial product range also features the Kornit Avalanche 1000, the most productive platform in the market-place today, for very high-speed production environments, and the Kornit Avalanche DC Pro, which is designed to be used with discharge inks in combination with white base for fashion applications.

Also on show at FESPA are the Kornit Storm II, which is configured to be operated at high throughput by a single user, and the Kornit Breeze, demonstrating how smaller businesses can benefit from a compact unit that is simple to maintain and operate, while benefiting from integrated pre-treatment and four colours plus white.

With screen-printers looking increasingly to incorporate the versatility afforded by digital technology within their existing production lines, the Kornit Paradigm II has been developed as an add-on station for carousels and ovals. This system brings photographic quality and multi-colour capabilities to screen-printers, enabling them to cater for short and medium length runs of particular designs while still maintaining their well established analogue workflow. Higher productivity and broader creativity include the ability to merge white layers and effects from the screen process with no complex pre-press and set-up routines. With no minimum run length, the Kornit Paradigm II outputs up to 200 shirts/hour and works with discharge and plastisol solutions making it the ideal investment for users wanting to add photorealistic quality to their screen-printing facilities.

Acknowledged as the global leading platforms for industrial direct-to-garment solutions, all of Kornit Digital's eco-aware production systems are designed around the company's NeoPigment process that gives users all the advantages of working with pigmented inks on virtually every type of fabric. These latest ink chemistries generate results with vibrant and accurate colours, the best hand feel and good durability, and all meet the most rigorous environmental regulations, including OekoTex 100 standard and GOTS requirements.

"As the most prominent examples from our portfolio of world-leading products, the Kornit Allegro, the Avalanche Hexa and Paradigm II form a powerful showcase of how digital printing enables textile production companies to take full advantage of today's market demands and reap the benefits of mass customisation – with the highest quality results," states Guy Zimmerman, Kornit's Vice President of Marketing and Business Development. "In addition, our latest NeoPigment ink sets new standards in terms of feel and colour accuracy, is totally sustainable and requires no external processing. In short – today's businesses cannot afford not to buy a Kornit."

FESPA will also be using the versatility of Kornit Digital's production systems across the show with the Kornit Allegro's output being strongly featured in the application showcase that is a key part of the Printeriors segment of the exhibition. The Kornit Paradigm II's demonstrations in-line with an oval will take place at Adelco's booth which is alongside Kornit's stand, while the Kornit Breeze will be an important element in Charlie Taublieb's area in the Educational Hub. Kornit speakers will also contribute to the Hub's presentation programme. Kornit is also a sponsoring partner of the FESPA Award for the best printed garment.

Additional stand numbers:

Fespa Educational Hub – Hall 8: stand B90

Printeriors – Hall 9: stand Z85

About Kornit Digital

Kornit Digital (Nasdaq: KRNT) develops, manufactures and markets industrial and commercial printing solutions for the garment, apparel and textile industries. Leading the digital textile printing market with its exclusive eco-friendly NeoPigment process, it caters directly to the needs of the entire textile printing value chain, from designers to manufacturers, apparel decorators and fashion brands. With its immense experience in the direct-to-garment market, Kornit Digital is also revolutionising the roll fabric industry with its single step solution that enables printing with a single ink set onto multiple types of fabric and with no additional finishing process. Founded in 2003, Kornit Digital is a global company with offices in the USA, Asia Pacific and Europe and serves customers in more than 100 countries worldwide. For more information, visit Kornit Digital at www.kornit.com.

Captions:



The Kornit Allegro prints at the highest quality onto multiple fabric types, with results that are 100% sustainable



The Kornit Paradigm II is a digital add-on station for carousels and ovals



Kornit's Avalanche Hexa adds red and green to CMYK, essential for colour-matched special and spot colours demanded by brand owners

Press release

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