



At ITMA 2019, Mimaki will collaborate with Dutch fashion designer Tessa Koops, printing her designs onto a variety of applications, including curtains, cushions, and wallpapers.

Mimaki: First global showing of new hybrid textile printer

Mimaki Engineering, a leading manufacturer of inkjet printers and cutting systems, will showcase its broad portfolio of cutting-edge digital print technologies at ITMA 2019 (20-26 June 2019, Fira de Barcelona, Spain). This will include the first global showing of a brand-new hybrid digital textile printer, uniquely featuring both direct-to-textile and direct-to-transfer print capabilities. Crucially, these features enable textile and garment manufacturers to achieve unparalleled flexibility and enhanced application opportunities for increased business growth.

To facilitate these benefits, the new Mimaki printer also allows multiple sets of inks to be loaded simultaneously, supporting increased fabric range versatility and maximum product variety.

As the future of textile printing and for further production benefits, Mimaki will also give a sneak preview of its new and upcoming TA Job Controller software, specifically designed for textile production environments. For use on Mimaki's successful, EDP-awarded Tiger Pro Series and Rimslow TR Series – and all

Mimaki textile printers –, TA Job Controller enables users to connect one-on-one to the RIP and other devices, for an automated workflow from design to pre-print, print and post print processes.

Featuring pioneering inkjet printing equipment, advanced workflow software and top-performance inks, Mimaki will demonstrate how its long-term commitment to the textile arena and extensive investment in R&D, can help textile print service providers to boost their business. It will also show them how they can cut their production costs and diversify their offering to maintain competitiveness.

A not-to-be-missed highlight on the Mimaki booth is the company's flagship industrial digital textile printer, the Mimaki Tiger-1800B MkII – in dye-sublimation configuration. Combining Mimaki's Japanese expertise in electronics with La Meccanica's know-how in building solid and robust belt

printer bodies with 'made-in-Italy' design, the Tiger-1800B MkII – the latest model of Tiger-1800B Series – enables users to produce extremely high-quality products (up to 1200 x 1200 dpi resolution) at up to 385m²/h print speed, without the need to compromise on production and throughput.

The Tiger-1800B MkII features a number of pioneering Mimaki core technologies, including MAPS (Mimaki Advanced Pass System) and NRS (Nozzle Recovery System). MAPS prevents banding and colour-shifting during the printing process by spreading the edge of each pass to create a gradient. This feature, alongside NRS, enables the printer to replace damaged nozzles without stopping production - enhancing the printer's performance and boosting productivity and print quality for the user.

From its advanced TR series, Mimaki will also show the TR300-1850C coating



The Mimaki Tiger-1800B MkII was honored by the European Digital Press Association with two EDP Awards back in May.

machine and the TR300-1850S steaming machine, and the benefits of a total solution for textile print production. Providing the equipment needed to operate the entire digital textile workflow, Mimaki's all in one solution ensures complete technology compatibility, as well as increased productivity, print quality and reduced production costs.

"As a pioneer in textile printing, this industry has always been in our company's DNA and we are excited to show our extensive textile portfolio at ITMA 2019," comments Danna Drion, Marketing Manager EMEA, Mimaki Europe. "The potential of digital printing in textiles is clearly evident, and we aim to provide the technology to enable our customers to take full advantage of it and grow profitably."

Mimaki will also use ITMA 2019 to showcase its wide range of flagship solutions addressing different textile market segments. These include:

- ❖ **Mimaki TS55-1800:** A dye-sublimation business-enhancing printer, the TS55-1800 addresses the entry and mid-level markets offering continuous operation and an unprecedented price-quality ratio. Equipped with Mimaki's core technologies, the printer achieves high productivity and high-quality print with vibrant



Bringing a Total Solutions Approach to digital production of textiles, Mimaki also offers pre- and post-print treatment machines, such as the TR300-1850C coating machine (left) and TR300-1850S steaming machine (right).

colours and vivid imagery and is suitable for interior fabrics, sports and fashion apparel and soft signage.

- ❖ **Mimaki UCJV300-160:** A roll-to-roll UV LED inkjet integrated printer/cutter, featuring a white ink capability. A versatile printing system, the UCJV300-160 uniquely enables four-layer printing for transformative backlit applications, and five-layer printing, allowing different designs to be viewed on both sides of a substrate simultaneously. Visitors at ITMA 2019 will see the UCJV300-160 printing wallpapers live.

This array of technological breakthroughs represents only one side of Mimaki's commitment to the textile industry. At ITMA 2019, the company will also demonstrate its cooperation

with world-renowned designers who are driving innovation with cutting-edge and inspirational printed textile applications. As part of this approach, Dutch retail fashion designer, Tessa Koops, will use the show to demonstrate the power of Mimaki digital print technology for increased creativity, personalisation and profitability within the fashion industry.

Visitors can also discover Mimaki's broad digital textile portfolio during the company's press conference at ITMA 2019, Thursday June 20th, 14:00 – 15:00, CC1 – Meeting Room 1.4, Fira de Barcelona. ♦

Huntsman Textile Effects to present sustainable products

NOVACRON® Advance reactive ink range enjoys remarkable coloristic performance and shade intensity with superior fixation and fastness results. Easier and more efficient to use, this range requires minimal maintenance and results in greater savings while meeting stringent industry standards.

ERIOFAST® Vista ink range is a unique sustainable digital printing solution for polyester-cotton blends which uses a simple urea-free system to outperform the best alternative solutions in terms of brilliancy, gamut, color depth and fabric handle at reduced energy consumption and emissions.

AVITERA® SE dyes meet the environmental standards of global brands. Its ground-breaking technology reduces water



and energy consumption up to 50% while increasing productivity through shorter production time.

TERASIL® W/WW dyes are a robust and high performance washfast dye range for polyester and its blends. It achieves right-first-time performance and is bluesign® approved and suitable for STAN-DARD 100 by OEKO-TEX® certified textile products.

With **Teflon EcoElite™ non-fluorinated durable water repellency** technology, we are redefining functional finishes, finding new sustainable ways to drive product value and performance. Teflon™ Reimagined!

ERIOFAST® are innovative dyes for deep intensive shades with outstanding wet fastness properties and optimum performance in chlorinated pool water, achieve excellent color blocking properties.

Combining innovative durable water repellent finishes with unparalleled technical expertise, **High IQ® Repel** provides durable eco-friendly and sustainable protection for every performance need. Its performance standards are customized for the broadest range of end-uses: everyday, outdoor and extreme adventures. ♦