

PIXEL to PRINT

TEXTILE & APPAREL PRINTING NEWS UPDATES

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75 YEARS OF INNOVATIVE SOLUTIONS

EFI Reggiani has become the trusted partner for integrated, scalable solutions for the entire textile process.



EFI Reggiani celebrates 75 Years of Innovative Solutions for the Textile World

This year, EFI™ Reggiani celebrates 75 years of heritage, innovation and glamour in the textile world. As part of its anniversary celebration, the textile technology innovator is revealing the imminent launch of three new, state-of-the-art digital textile printers.

With three quarters of a century of innovation, research and technological excellence, EFI Reggiani has become the trusted partner for integrated, scalable solutions for the entire textile process – from yarn treatment to fabric printing and finishing. The company has always had its customers in the forefront, enabling their business' success and growth.

"Textile has been in our DNA since the beginning. We are always moving to the next level, thinking ahead and developing high-tech, quality and reliable products as well as new textile industry solutions and processes. We are proud of achieving this 75 years of innovation milestone.

We have very close relationships with our customers, and the collaboration we have together allow us to develop groundbreaking new technologies. The three new printers we are launching this year speak of the legacy and expertise for solutions that have made our technologies a benchmark of productivity and quality ever since the creation of the first Reggiani textile printer in 1946."

Adele Genoni, Senior Vice President and General Manager, EFI Reggiani



75 years of history and excellence

Reggiani Tessile – which was one of the largest fabric manufacturing companies in Italy – created the company to meet its needs in machinery development. Then known as Reggiani Macchine, the company grew tremendously over five decades thanks to continuous product innovation and close customer relationships.

Reggiani Macchine started a new chapter in the early 2000s with the introduction of digital printing technology to their product range. Then, in 2015, Reggiani Macchine joined the Electronics For Imaging family. Since then, the company, based in Bergamo, Italy, has accelerated its mission in driving the transformation of analogue to digital imaging in the textile segment.

EFI Reggiani's product portfolio has continued to expand, ranging from rotary and flatbed printing machines to scanning/multi-pass digital printers to the world's fastest digital textile printer – the award-winning EFI Reggiani BOLT single-pass inkjet printer launched in 2018.

The company has also substantially advanced its ink offerings, becoming a recognized leader as one of the only manufacturers of a full range of inks used in industrial textile manufacturing.

“We want to help support our customers in their digital transformation,” she said. “One of our three new printers is going to target the industrial high-speed segment of the multi-pass textile printing sector. The new printer will not only be the fastest multi-pass printer that EFI Reggiani has ever developed, but we are also expecting it to be the fastest of its kind in the market.”

Driving customer success for the future

Today, EFI Reggiani's leadership in innovation is the result of extensive research targeted at improving productivity and quality, optimizing the textile manufacturing process, and reducing energy use, water consumption and overall environmental impact.

While the COVID pandemic made 2020 a difficult year for all involved in textile printing, EFI Reggiani took the opportunity to further strengthen its research and development activities – all to ensure that its customers have the right solutions as the market recovers. Genoni believes productivity is key to any solution that will help customers recover and thrive post-pandemic, and one of the company's new launches will specifically target a noticeable gap in the market.

In the growing industrial, entry-level segment of the market, EFI Reggiani is strengthening its multi-pass offering by introducing two new scanning machines, which will help facilitate customers' needs to manufacture closer to the end consumer. The pair of scanning printers EFI Reggiani is bringing to market in 2021 will enable new customers to take their first steps in industrial textile digital printing.

The new printers will not only be easy to use, but, as with all of the company's solutions, they will also give customers access to the best technology platforms and innovation for digital industrial printing with EFI Reggiani's renowned quality and reliability.

FASTER PROCESSING AND HIGHER-QUALITY PRINT

Now available globally, the EFI Reggiani BOLT upgrade features hardware and software enhancements for improved overall performance, printing quality, uniformity, and increased user friendliness including:

- Nozzle out and uniformity compensation features that improve solid colour appearance and enhance overall printing quality.
- Increased performance and improved processing speed for large, complex files.
- Integration of a new digital camera that both provides for precise and consistent print results and shortens the time for print head replacement and alignment.
- An enhanced user interface – based on EFI Fiery Command WorkStation® 6.0 – that is easier to use.
- Fiery Smart Ink Estimator, a key tool to help determine job profitability based on accurate calculation of ink costs prior to printing.

“With the industry’s top speed and now the delivery of even higher print quality, the EFI Reggiani BOLT can help spur a revolution in textile printing, migrating more production to digital technology, ensuring the fastest return on investment on high-volume work thanks to superior throughput and unmatched reliability and uptime.

With the BOLT’s new enhancements – and its ability to print extremely high quality on a variety of designs and fabric types at record-breaking speeds up to 90 metres per minute – the economic cross-over point between analogue and digital printing of fabrics is lower than ever before. The time for single-pass technology is now with this best-in-class, sustainable, high-quality and high-throughput digital textile print solution.”

- Adele Genoni, EFI Reggiani

The world’s fastest digital textile printer - EFI Reggiani BOLT

Hardware and software enhancement on the ultra-high-speed inkjet printer eliminates single-pass imaging challenges with smoother solids, improved printing uniformity and more

Electronics For Imaging, Inc. has enhanced the world’s fastest digital textile printer, the EFI™ Reggiani BOLT. The upgrade is a combination of hardware and software enhancements that will minimise artefacts, compensating for missing nozzles that may occur over time and enhancing uniformity to deliver smoother solid colours.

The upgrade also delivers improved quality and smoother gradients, plus it enables faster printhead replacement and drastically increases file processing speed by up to 200% for large, complex files. Dedicated colour profile creation on the newest-version EFI Fiery® BT-1000 digital front end driving the printer delivers better, more-intense tones and improves capabilities for matching existing colour profiles commonly used in digital textile printing. The enhancements are an important step in further enhancing digital printing’s presence in the industry, bringing greener, more-sustainable inkjet technologies to the fore as a replacement for analogue dyeing procedures that make textile manufacturing the world’s second-largest polluting industry.

This 1.8-metre-wide single-pass printer – the first digital textile printer to receive the Printing United Alliance InterTech™ Award for advanced print technology innovations – is well-positioned to have a major transformational impact on the industry. With its current installed base, the EFI Reggiani BOLT is already responsible for printing more than 50 million linear metres of fabric worldwide.



EFI Reggiani BLAZE - The industrial entry-level textile digital printer

The high-quality printer is an easy-to-use, smart solution to help textile companies blaze their successful trail into the world of efficient, sustainable industrial inkjet printing. It is equipped with EFI Reggiani's state-of-the-art technology, offering the highest quality, reliability and flexibility on the widest variety of designs.

EFI Reggiani presented the new Reggiani BLAZE printer in Hall 5, Booth D08 at ITMA Asia. The company's exhibit in Shanghai is one of the most important showcases of new digital textile printing technology at the show, emphasizing leading-edge innovations that make customers successful in the global textile industry.

Cutting-edge technology in a compact footprint

The EFI Reggiani BLAZE printer is designed to give textile companies the opportunity to enter the digital textile printing market with a compact solution.

Thanks to its cutting-edge printhead reliability and low maintenance costs for a competitive TCO (total cost of ownership), the BLAZE printer can produce up to 125 linear meters per hour with a printing resolution up to 600x1200 dots per inch (dpi).

Flexible fabric feed & handling for productivity

The EFI Reggiani BLAZE is equipped with a continuous and switchable belt washing unit to remove water and fabric hairs. An embedded device for adhesive application offers the possibility to use thermoplastic, resin and permanent adhesives.



The new, industrial, entry-level EFI Reggiani BLAZE scanning printer made its debut at the ITMA Asia 2021

Efficient software and electronics technology

The Reggiani BLAZE printer offers a friendly and intuitive user interface with real-time image processing and flexible queue management. The software also runs a WYSIWYG (What You See Is What You Get) job editor, as well as tools to accurately predict printing speed and ink usage.

EFI Reggiani TERRA Silver enhancement

The new-version TERRA Silver printer is part of EFI's complete TERRA line-up of pigment ink printer solutions for a greener, smarter, short process in industrial textile printing. It includes a new recirculating ink system for superior reliability and minimum maintenance at start up and during production, and many more features.

"Despite the impact of the pandemic, EFI Reggiani has continued to invest and develop the next trailblazing technology for the textile market. With the EFI Reggiani BLAZE, we are able to offer an ideal solution for companies that want to enter the industrial textile digital printing space

- Adele Genoni, EFI Reggiani

