

BOLT

Run faster than *your*
speed limit

Rewrite the rules of Textile Single Pass

- **Unparalleled speed**

the only digital printer to reach a 90 m/min operational speed

- **No time lost for maintenance**

at start up and during production

- **Massive ink laydown**

in the same time unit compared to existing technology

- **Proprietary IP**

combining digital and rotary technologies for hybrid solutions

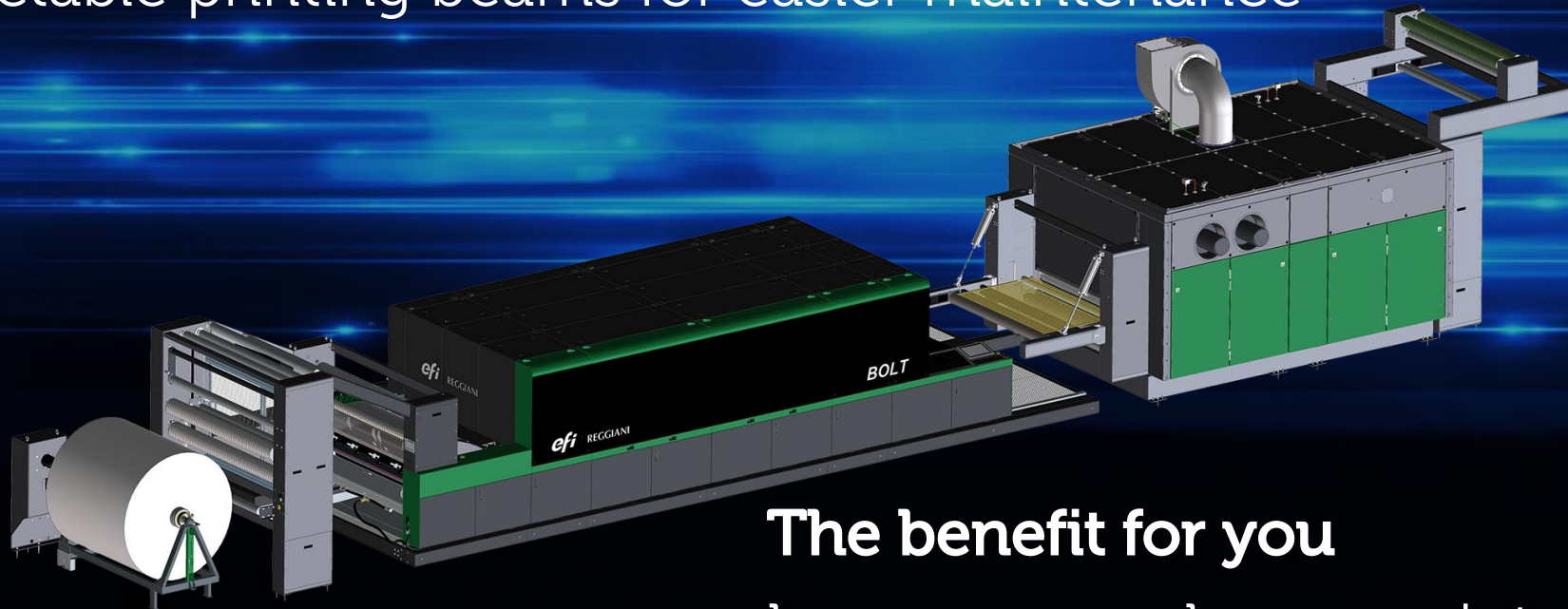
- **Competitive ROI**

thanks to high productivity and unmatched reliability

The printer

Compact footprint

- 10 x 6 x 4 m (8 colours configuration, including analog station)
- ~30% less vs most compact single pass among main competitors
- Extractable printing beams for easier maintenance



The benefit for you

Less space and easy maintenance at a time

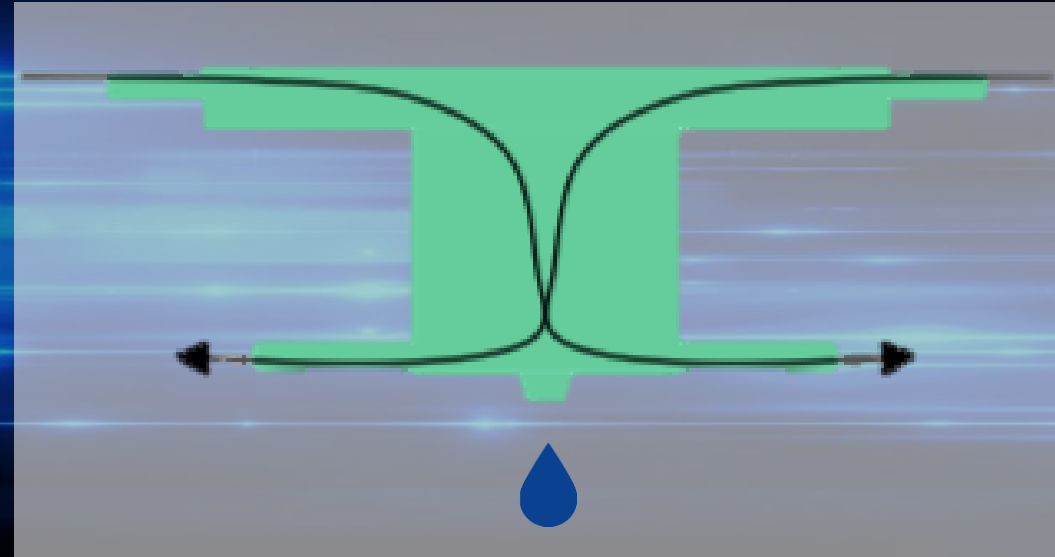
The BOLT print head

Innovative recirculation print head concept

- Developed with Fujifilm Dimatix
- Up to 600 x 4800 dpi
- 600dpi made of 2x300dpi to reduce replacement cost

The benefit for you

Nozzles are always ready to print!



The BOLT print head

Innovative recirculation print head concept

- Variable drop size from 5 to 30 picoliters
- 3x ink laydown in the same time unit compared to existing technology

The benefit for you

Superior coverage and better printing uniformity, bringing accuracy to the next level.

The ink delivery system

High performance and versatile ink delivery system

- Most powerful on the market
- Tailored and perfectly matching print head performance
- Degassing unit
- Auto-calibration
- Temperature controlled to optimize print head and ink characteristics

The benefit for you

Overcome printing quality limits, real time printer start up and minimal maintenance needs

The print engine

High capabilities Digital Print Server

- EFI Fiery leading technology
- Based on EFI proprietary electronics and software
- User friendly GUI: fully localized interface, in terms of languages and units

The benefit for you

Real time printing and high performances throughput based on proprietary knowhow

Printing quality

Extended image quality and color gamut

- EFI expertise in colour management
- Flexible colour configuration
- Wider variety and higher complexity designs compared to existing technology

The benefit for you

Plain colours, geometric patterns, fine lines, deep black, smooth gradients... any limit can be overcome!

Fabric handling

Accurate fabric in- and outfeed systems, based on EFI Reggiani's proprietary knowhow and expertise

- Available with fold and big roll ø 2000mm
- Suitable for A-frame
- Maximum fabric width 1950mm, net print width 1830 mm

The benefit for you

Complete flexibility and performance in fabric management, no matter what fabric you will choose

The transportation system

- Precision Kevlar conveyor belt
- Embedded magnetic device for adhesive application
- Possibility to use thermoplastic, resin and permanent adhesives
- Belt washing with both continuous and stop-and-go capabilities with air blade included

The benefit for you

Reach top speed without compromising on printing accuracy!

The dryer

High-efficiency industrial dryer

- From 2 to 6 sections up to 7 passages
- Symmetric ventilation
- High insulation panels
- Removable filters
- Heating sources available: gas, oil and steam

The benefit for you

EFI Reggiani's experience is an assurance of performance and dramatic reduction of heat waste

Proprietary IP combining digital and rotary technologies

Proprietary IP combining digital and rotary technologies for hybrid solutions and special applications

The benefit for you

You can leverage your preferred benefits of rotary printing combined with digital

Genuine EFI Reggiani BOLT Inks

Eco-friendly water-based inks designed and optimized for BOLT print head and ink delivery system

- Excellent runnability
- Extended colour gamut
- High fastness properties
- Full colour range of inks
- Reactive and pigment available, further ink classes coming soon

The benefit for you

Extraordinary durability and uniformity, longer life to print heads and brilliant colors

Why EFI Reggiani BOLT?

- Fastest digital printer on the market printing on fabric
- Totally based on proprietary knowhow
- Dramatic maintenance reduction: nozzles are always ready to print!
- Superior coverage and better printing uniformity
- Highest competency of color management
- Proprietary IP combining digital and rotary technologies
- Competitive ROI thanks to the high productivity granted by 24/7 boosted **uptime and reliability**

Thank You for Your Attention!

Questions?

Technical Data

SPECIFICATIONS	
Printing method	Single pass inkjet printer
Print beams	From 4 to 12
Ink system	High performance ink delivery system tailored on print head, with inline degassing unit, 75 kg ink per cane
Ink laydown	3x ink laydown compared to existing technology
Print resolution	Up to 600 x 4800 dpi
Drop size	Variable drop size from 5 to 30 picoliters
Fabrics	Maximum fabric width 1950 mm, net print width 1830 mm
Printing speed	Up to 90 m/min
Dimensions (LxWxH)	Approximately 10 m x 6 m x 4 m (8 colors, analog station included)
Fabric feed system	Precision in- and outfeed system Fold and big roll maximum ø 2000 options available. Suitable for A-frame.
Dryer	High-efficiency dryer from 2 to 6 sections up to 7 passages Heating sources available: gas, oil and steam
Analog station	Proprietary IP combining digital and rotary technologies for hybrid solutions Printing heads 640 mm repeat
RIP software	Fiery
GENUINE EFI Reggiani INKS	
Reactive and Pigment	
Further ink classes coming soon	