



Reggiani EXTRA

Digital Printer for  
Direct Printing on Fabric and Paper

EXTRA colours.  
EXTRA speed.  
EXTRAordinary.

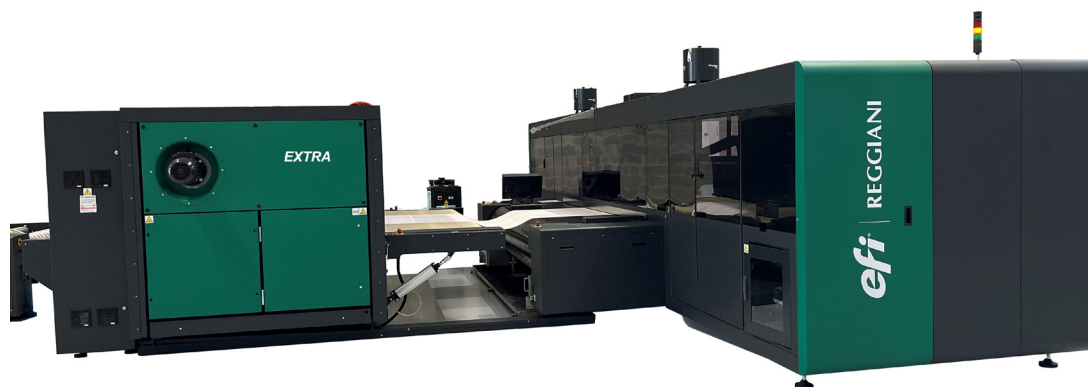
# EXTRA colours. EXTRA speed. EXTRAordinary.

The EFI™ Reggiani EXTRA digital printer is where brilliant colours, printing quality and productivity meet! With up to 12 different colours in a row, you can extend your colour gamut and depth, increase penetration, and enhance printing quality and uniformity without compromising on performance. Plus, thanks to the 48 new recirculation print heads and legacy EFI Reggiani continuous ink recirculation system, EFI Reggiani EXTRA is also a champion for uptime and reliability, maximising printer's availability for production with excellent printing results.

## At a glance

- Unparalleled versatility at high speed
  - Up to 12 colours for superior printing uniformity and colour depth
  - 6+6 colours for higher productivity without compromising on colour intensity
  - Possibility to create your colour configuration with light, fluorescent and special colours, as well as special chemistries to enhance penetration and colour brightness
- 48 new print heads with recirculation till the nozzle plate to be always ready to print
- Proprietary continuous ink recirculation system to reduce maintenance at start up and during production
- Longitudinal belt movement control for superior printing accuracy
- Unparalleled design security thanks to the encrypted connection with Inèdit workflow for EFI Reggiani printers
- Powered by EFI Reggiani genuine inks
- Industry 4.0 friendly

APPLICATIONS	
Apparel and accessories	✓
Home textile	✓
Sportswear and footwear	✓
Outdoor	✓
INKS	
Reactive	✓
Disperse direct	✓
Acid	✓
Disperse sublimation	✓
Pigment	✓
SUBSTRATES	
Cotton	✓
Polyester	✓
Polyamide	✓
Silk	✓
Viscose	✓
Polyester and elastane	✓
Polyamide and elastane	✓
Blends	✓
Wool	✓
Sublimation paper	✓



## Print heads and ink system

- Up to 12 colours
- 48 recirculation print heads with 600 dpi native resolution
- Full variable drop size
- Printing resolution up to 600 x 2400 dpi
- Nozzles always ready to print, reducing maintenance needs and production stoppages
- Missing nozzles reduction to print also difficult designs at faster speed
- Enhanced auto-calibrating continuous ink recirculation system
- Ink management: in-line continuous degassing and filtering
- Print head crash protective system

## Fabric handling

- EFI Reggiani exclusive dynaplast roll compensating step vs continuous movement
- High-precision transportation belt
- Printing centering fabric sensor on the carriage
- Live media check: your design will automatically be placed where the fabric is
- Embedded magnetic system for adhesive application
- Possibility to use thermoplastic, resin and permanent adhesives
- EFI Reggiani original longitudinal belt movement control
- Belt washing with both continuous and stop-and-go capabilities with air blade included

## Printing carriage

- Steel bridge with linear motor and magnetic encoders, reaching 2+ m/s speed
- Easy carriage access for smooth maintenance on all the print heads
- Ink temperature always under control for more accurate drop formation
- Integrated environmental sensor for constant humidity and temperature monitoring
- Ink tanks refill without stopping the printer

## Electronics and software

- EFI Reggiani proprietary electronics and software
- Real-time image processing: no image pre-calculation
- Printing parameters and geometry change on the fly
- High uniformity printing modes
- Job editor: what you see is what you get at each and every moment
- Reporting and diagnostics available from GUI
- Possibility to monitor and export all printing and printer data to an external DB or ERP
- Components with double CE and UL/CSA certification, guaranteeing high-quality standards recognised worldwide
- Suitable for integration in Industry 4.0 projects

EFI REGGIANI EXTRA 1.5M					
RESOLUTION	PASS	STANDARD SPEED M/H	STANDARD SPEED SQM/H	FAST SPEED* M/H	FAST SPEED* SQM/H
600 x 300	1	560	840	670	1005
600 x 600	2	300	450	340	510
600 x 900	3	200	300	230	345
600 x 1200	4	150	225	170	255

EFI REGGIANI EXTRA 3M					
RESOLUTION	PASS	STANDARD SPEED M/H	STANDARD SPEED SQM/H	FAST SPEED* M/H	FAST SPEED* SQM/H
600 x 300	1	420	1260	530	1590
600 x 600	2	220	660	265	795
600 x 900	3	150	450	175	525
600 x 1200	4	110	330	130	390

\* Powered by a selection of EFI Reggiani genuine inks. 6+6 colours configuration: double ink laydown at same speed.

