Reggiani POWER

Digital Printer for Direct Printing on Fabric and Paper

Release the POWER

Give **POWER** to your productivity

With its outstanding performance, extended uptime and low maintenance needs, the EFI™ Reggiani POWER is the perfect industrial textile digital printer to increase your productivity and printing capability, without compromising on quality or flexibility.

POWER delivers the unparalleled reliability EFI Reggiani has built its worldwide leadership on over many years. Let POWER bring your factory to the next level for faster, smoother, and more efficient production.

At a glance:

Enhanced ink recirculation system

- Superior versatility to manage a wider variety of inks
- Dramatic reduction of maintenance needs and stoppages
- Increased tolerance to environmental conditions

New EFI Reggiani printing software

- Real-time image processing
- Printing parameters and geometry change on the fly
- Easy-to-plan and flexible queue and job list

Proprietary print head electronics

- Print head electronics in a fully enclosed protection cap
- Simplified print carriage layout for quicker set up time and increased reliability
- Easy print head removal
- Quick and tool free print head alignment

Industry 4.0 friendly NEW

- Possible to install plug & play sensors and smart actuators for diagnostics and predictive maintenance

APPLICATIONS	
Fashion	✓
Home textile	✓
Sportswear & Footwear	✓
Outdoor	✓
INKS	
Disperse direct	✓
Reactive	✓
Acid	✓
Disperse sublimation	✓
Textile pigment	✓
SUBSTRATES	
Cotton	✓
Polyester	✓
Polyamide	✓
Silk	✓
Viscose	✓
Polyester and elastane	✓
Polyamide and elastane	✓
Blends	✓
Wool	✓
Sublimation paper	✓

Features

- 32 print heads with full variable drop size
- Ink management: in-line continuous degassing and filtering
- Print head crash protective system
- High-precision transportation belt
- EFI Reggiani exclusive dynaplast roll compensating step vs continuous movement
- Adhesion methods: thermoplastic, permanent, resin
- Embedded magnetic system for adhesive application
- Belt washing with both continuous and stop-and-go capabilities with air blade included
- Integrated environmental sensor
- Integrated water filtration system
- Ink system open to certified suppliers
- High uniformity printing modes
- Easy-to-use print controls
- Alert manager
- Possibility to monitor and export all printing and printer data to an external DB or ERP
- Software open to main RIP vendors

Advantages

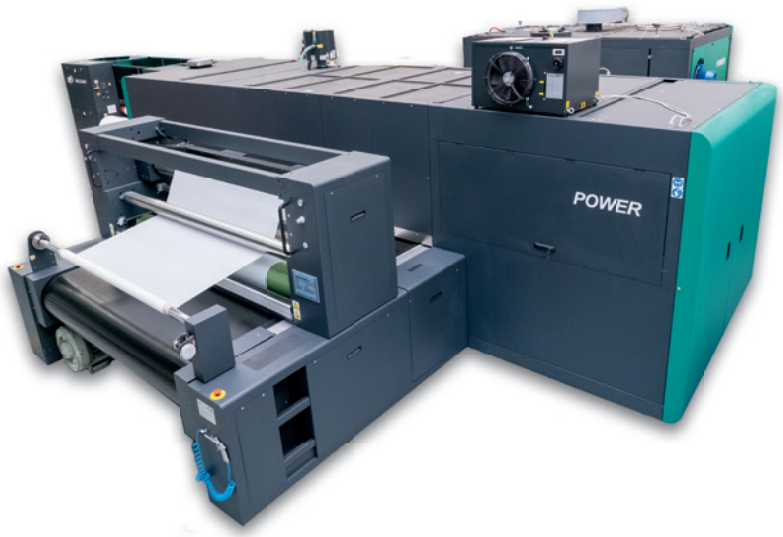
- Outstanding performance and extended uptime thanks to reduced maintenance needs
- Quick set up time and superior reliability
- Best handling and adhesion for any textile substrates
- Suitable for 24/7 operation
- One operator can manage multiple printers in action
- Multiple customisations available

Improvements

- Innovative and adaptive GUI with advanced queuing features
- Job editor: what you see is what you get in each and every moment
- Flexible queue management
- Ink usage and speed prediction
- Components with double CE and UL/CSA certification, guaranteeing high quality standards recognised worldwide NEW
- Ink tanks refill on the fly without stopping the printer NEW

EFI Reggiani POWER*			
RESOLUTION	PASS	LM/H	SQM/H
600 x 300	1	680	1020
600 x 600	2	385	580
600 x 900	3	260	390
600 x 1200	4	195	295

** Paper configuration: double ink laydown at same speed*



Specifications

- Printing width 180-240-340 cm
- Production speed up to 1020 sqm/h (180 width)
- Print heads 32
- Drop size from 4 to 72 pl
- DPI up to 2400

Fabric configuration

- Fabric weight from 30 to 450 gr/sqm
- Fabric feed (Entry):
  - small roll unwinder up to ø 400 mm
  - big roll unwinder (A frame) up to ø 1,600 mm
  - fold
- Fabric take-up (Exit):
  - fold
  - small roll winder up to ø 400 mm
  - fold and small roll winder up to ø 400 mm
  - big roll winder (A frame) up to ø 1,600 mm
- Dryer:
  - two industrial chambers

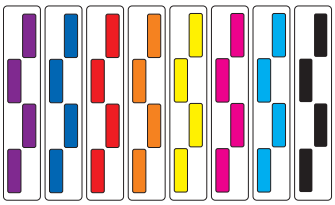
Paper configuration

- Paper feed (Entry):
  - standard roll unwinder up to ø 400 mm
  - jumbo roll unwinder up to ø 900 mm
- Paper take-up (Exit):
  - jumbo roll winder up to ø 900 mm
  - revolving winder turret (2 rolls up to ø 350 mm)
- Dryer:
  - one/two industrial chambers

EFI Reggiani POWER:
regulatory model ReNOIR 180, ReNOIR 240, ReNOIR 340

Fabric carriage configuration

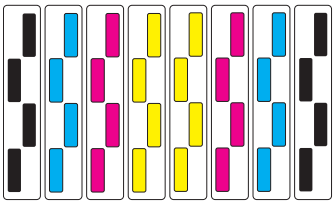
8 COLOURS
32 HEADS
8 EACH ROW



** Further colour configurations available*

Paper carriage configuration

4 COLOURS
32 HEADS
8 EACH ROW



** Further colour configurations available, including Fluo*

Let's be brilliant. Together.

We understand you want breakthrough technologies to lead you through your digital journey. That's why we're passionate about driving your business growth with a scalable portfolio of products, solutions, services, support, and world-class partnerships for the manufacturing of signage, packaging, textiles, ceramic tiles, building materials, commercial print, and personalised documents with a wide range of printers, inks, digital front ends, and workflow software. Our unwavering commitment is to increase your profits, cut costs, improve productivity, and optimise efficiency — job after job, year after year. We're obsessed with your success. And we definitely believe we have the right people, technology and experience to help your business achieve its goals. Visit www.efi.com/reggiani or call +39 035 3844511 for more information.

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