



efi REGGIANI COLORS

Digital Printer
for Direct Printing on Fabric

The spectacular
COLORS
your creativity desires

Master of COLORS and technology

EFI™ Reggiani COLORS: the new, unparalleled textile printer from EFI Reggiani, that will bring your creativity to the world in an explosion of colour!

With up to 12 different colours in a row and 24 printing heads, you can extend your colour gamut and depth, increase penetration and enhance printing quality and uniformity. Plus, the higher reliability and reduced maintenance of EFI Reggiani COLORS will ensure superior productivity with excellent printing results.

At a glance:

- **Up to 12 colours in a row**
 - Extended colour gamut
 - Superior colour depth
 - Enhanced printing quality and uniformity
 - Possibility to create your own colour configuration with light, fluo and special colours
- **6 + 6 colours configuration**
 - Superior productivity: can achieve same colour depth at higher speed
 - Higher reliability thanks to head redundancy
- **11 colours + chemistry**
 - Increased penetration
 - Superior fastness
- **Enhanced continuous ink recirculation system**
- **New printing software allowing real-time image processing**
- **Proprietary electronics**

APPLICATIONS	
Fashion	✓
Home textile	✓
Outdoor	✓
INKS	
Disperse direct	✓
Reactive	✓
Acid	✓
Disperse sublimation	✓
Textile pigment	✓

SUBSTRATES	
Cotton	✓
Polyester	✓
Polyamide	✓
Silk	✓
Viscose	✓
Polyester and elastane	✓
Polyamide and elastane	✓
Blends	✓
Wool	✓



Features

- 24 printing heads with full variable drop size
- Ink management: in-line continuous degassing and filtering
- Printing head crash protective system
- High-precision transportation belt
- Automatic substrate width detection, allowing image auto centering and margins set
- Dynaplast roll compensating step vs continuous movement
- Adhesion methods: thermoplastic, permanent, resin
- Embedded magnetic system for adhesive application
- Ink supply system with 12 lt tanks
- Belt washing: continuous, switchable and with air blade
- Integrated environmental sensor
- Ink system open to certified suppliers
- Possibility to monitor and export all printing and printer data to an external DB or ERP
- Software open to main RIP vendors

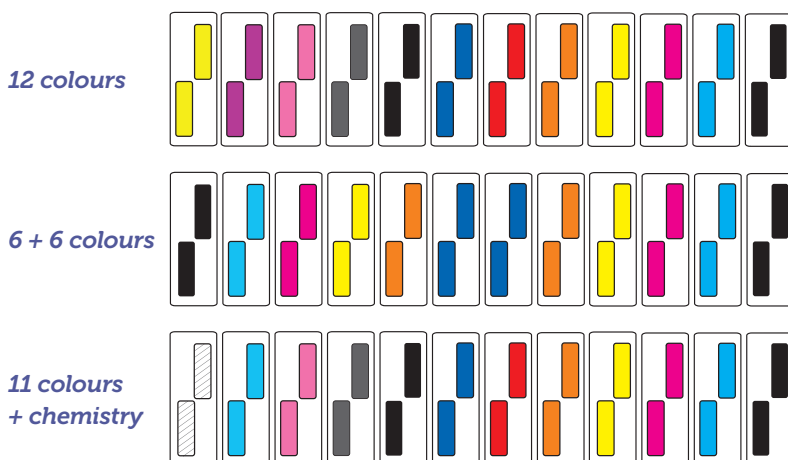
Advantages

- Quick set up time and superior reliability
- Reduced purging and maintenance needs
- Best handling and adhesion for the widest range of substrates
- Quick and tool-free head alignment
- More environmental conditions tolerant
- Easy access to main machine modules
- Suitable for 24/7 operation
- One operator can manage multiple machines
- Multiple customisations available

Improvements

- Higher uniformity printing modes
- Ink usage and speed prediction
- Head electronics in a fully enclosed protection cap
- Simplified print carriage layout
- Innovative and adaptive GUI with advanced queuing features
- Ink tanks integrated inside the printer

Several colour combinations available (24 heads, 12 each row):



Specifications

- Printing width 180-240-340 cm
- Production speed up to 565 sqm/h
- Printing heads 24
- Drop size from 4 to 72 pl
- DPI up to 2400
- Fabric weight from 30 to 450 gr/sqm
- **Fabric feed (Entry):**
 - Small roll unwinder up to ø 400 mm
- **Fabric take-up (Exit):**
 - Fold
 - Small roll winder up to ø 400 mm
 - Fold and small roll winder up to ø 400 mm
- **Dryer:**
 - One industrial chamber

Optional

- **Fabric feed (Entry):**
 - Big roll unwinder (A frame) up to ø 1,600 mm
 - Fold
 - Segmented roller
- **Fabric take-up (Exit):**
 - Big roll winder (A frame) up to ø 1,600 mm
- **Dryer:**
 - Additional industrial chamber

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

EFI Reggiani COLORS 12 colours configuration*			
RESOLUTION	PASS	LM/H	SQM/H
600 x 300	1	375	565
600 x 600	2	195	295
600 x 900	3	125	190
600 x 1200	4	95	145

* 6+6 configuration: double ink laydown at same speed

Download the EFI Go! app and manage EFI Reggiani COLORS in real time



EFI fuels success.

We develop breakthrough technologies for the manufacturing of signage, packaging, textiles, ceramic tiles, and personalised documents, with a wide range of printers, inks, digital front ends, and a comprehensive business and production workflow suite that transforms and streamlines the entire production process, increasing your competitiveness and boosting productivity.

Visit www.efi.com or call +39 035 3844511 for more information.



Nothing herein should be construed as a warranty in addition to the express warranty statement provided with EFI products and services.

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