



**efi** REGGIANI TERRA Solution

*Digital Printers for Direct Printing on Fabric*

*Water-based Pigment with Binder Inks*

EFI Reggiani TERRA  
for a green, fast  
and competitive process

# Speed up your print process with EFI Reggiani TERRA solution

Whatever your desired printing capacity is, EFI™ Reggiani TERRA solution will scale as per your business needs.

EFI Reggiani TERRA solution eliminates the need for steaming or washing on direct-to-textile applications using a greener, more-efficient polymerisation process that takes place as printed textile goes through the printer's on-board dryer.

As a result, users can achieve superior printing results while using less time, water, and energy.



APPLICATIONS	
Apparel and accessories	✓
Home textile	✓

SUBSTRATES	
Cotton	✓
Viscose	✓
Linen	✓
Blends	✓

## A scalable solution for any business size

EFI Reggiani TERRA printers merge unparalleled reliability coming from long-lasting experience in textile digital printing with cutting-edge innovations for the best results with TERRA pigment.

### ***At a glance***

- Enhanced ink system, tailored on EFI Reggiani TERRA pigment
- Drop size from 4 to 72 pl and resolution up to 2400 dpi
- Tailored maintenance system to enhance printing heads life
- High efficiency dryer specially designed for inline polymerisation
- New printing software allowing real time image processing
- Higher uniformity printing modes
- Increased user friendliness thanks to new multi-language and multi-culture GUI

### ***EFI Reggiani TERRA pigment: inks that feed your need for speed***

EFI Reggiani Terra pigment inks deliver excellent fastness properties and high printability sharpness.

Designed to leverage EFI Reggiani digital printers' market-proven industrial performance capabilities, these eco-friendly, water-based inks provide an extraordinary level of print durability and yield longer printing head life with reduced maintenance costs.

This high-performance digital pigment inks use an innovative binder technology for fast, sustainable, and cost-competitive industrial textile printing on the widest range of fabrics.

Plus, EFI Reggiani TERRA tailored preparations will grant superior print definition, colour intensity, and uncomparable wet and dry fastness.





EFI Reggiani TERRA Silver is the ideal solution to get into the industrial printing segment easily with compact footprint.

#### **Printer configuration**

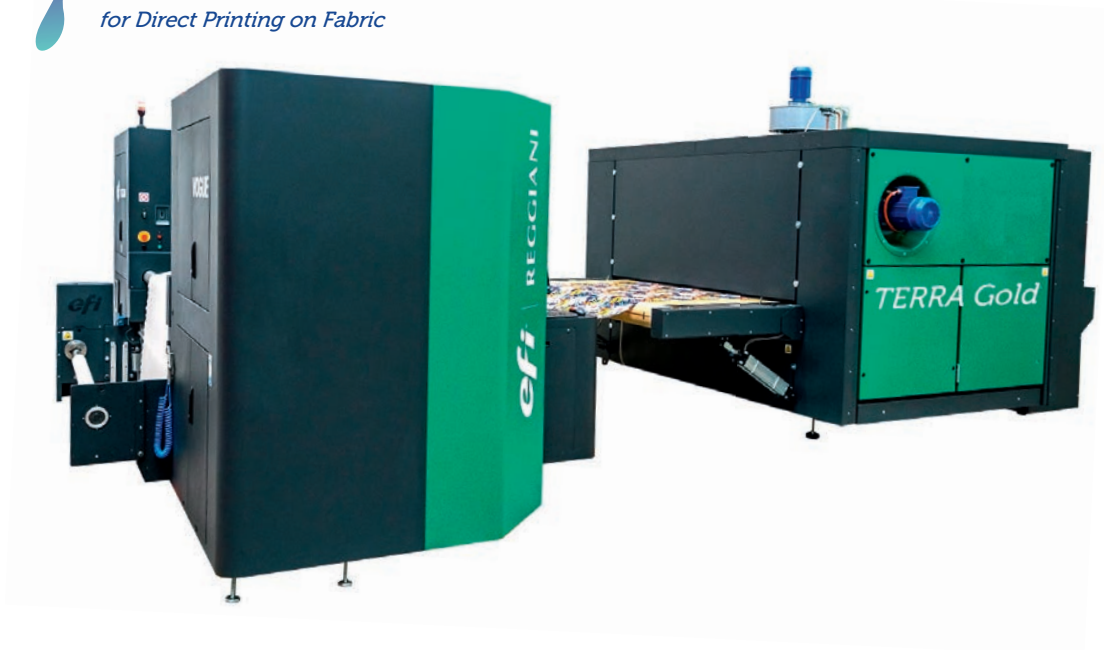
- Printer production speed up to 190 sqm/h
- Printing heads 8
- Available in 180 cm printing width
- **Fabric feed (Entry):**
  - roll unwinder up to ø 400 mm
- **Fabric take-up (Exit):**
  - fold
  - roll winder up to ø 400 mm
  - fold and roll winder up to ø 400 mm

#### **Polymerisation configuration**

- **Inline:**
  - polymerisation speed up to 190 sqm/h
  - one industrial chamber with three passages
- **Offline:**
  - one industrial chamber with one or three passages

EFI Reggiani TERRA Silver: regulatory model ReNOIR 180

**efi** *REGGIANI TERRA Gold*  
 Digital Printer  
 for Direct Printing on Fabric



EFI Reggiani TERRA Gold is the perfect printer for industrial productivity without compromising on flexibility.

#### **Printer configuration**

- Printer production speed up to 325 sqm/h
- Printing heads 16
- Available in 180 cm printing width
- **Fabric feed (Entry):**
  - roll unwinder up to Ø 400 mm
  - big roll unwinder (A frame) up to Ø 1,600 mm
- **Fabric take-up (Exit):**
  - fold
  - roll winder up to Ø 400 mm
  - fold and roll winder up to Ø 400 mm

#### **Polymerisation configuration**

- **Inline:**
  - polymerisation speed up to 325 sqm/h
  - two industrial chamber with three passages
- **Offline:**
  - one industrial chamber with three passages

EFI Reggiani TERRA Gold: regulatory model ReNOIR 180



# REGGIANI TERRA Platinum

Digital Printer  
for Direct Printing on Fabric



EFI Reggiani TERRA Platinum is the master of technology in EFI Reggiani printer range and it is the solution for outstanding printing quality and uniformity.

## Printer configuration

- Printing width 180-240-340 cm
- Printer production speed up to 565 sqm/h
- Printing heads from 16 to 24
- **Fabric feed (Entry):**
  - small roll unwinder up to  $\varnothing$  400 mm
- **Fabric take-up (Exit):**
  - fold

## Polymerisation configuration

- **Inline:**
  - polymerisation speed up to 330 sqm/h
  - two industrial chamber with three passages
- **Offline:**
  - one industrial chamber with three passages

EFI Reggiani TERRA Platinum: regulatory model ReNOIR 180, ReNOIR 240, ReNOIR 340

## Optional

- **Fabric feed (Entry):**
  - big roll unwinder (A frame) up to  $\varnothing$  1,600 mm
  - fold
  - segmented roller
- **Fabric take-up (Exit):**
  - small roll winder up to  $\varnothing$  400 mm
  - fold and small roll winder up to  $\varnothing$  400 mm
  - big roll winder (A frame) up to  $\varnothing$  1,600 mm

**efi** *REGGIANI TERRA Titan*  
 Digital Printer  
 for Direct Printing on Fabric



EFI Reggiani TERRA Titan is the industrial textile digital printer ensuring extraordinary high performance and productivity, and unparalleled uptime.

#### **Printer configuration**

- Printing width 180-240-340 cm
- Printer production speed up to 1020 sqm/h
- Printing heads 32
- **Fabric feed (Entry):**
  - small roll unwinder up to ø 400 mm
  - big roll unwinder (A frame) up to ø 1,600 mm
- **Fabric take-up (Exit):**
  - fold

#### **Optional**

- **Fabric feed (Entry):**
  - fold
  - segmented roller
- **Fabric take-up (Exit):**
  - 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

#### **Polymerisation configuration**

- **Inline:**
  - polymerisation speed up to 580 sqm/h
  - two industrial chamber with five passages
- **Offline:**
  - two industrial chamber with three passages

EFI Reggiani TERRA Titan: regulatory model ReNOIR 180, ReNOIR 240, ReNOIR 340

**EFI Reggiani TERRA Pigments are available in the following colours:**

 **TERRA Cyan**  
PA110C

 **TERRA Magenta**  
PA120M

 **TERRA Yellow**  
PA130Y

 **TERRA Green**  
PA160G



 **TERRA Black**  
PA100K

 **TERRA Red**  
PA150R

 **TERRA Blue**  
PA140B

 **TERRA Orange**  
PA170O



## Procedure

- Padding with TERRA Preparation
- Printing and curing in line

## EFI Reggiani TERRA preparation

Choose the option that best fits your need:

- **To customise your recipe**
  - EFI Reggiani TERRA PRIMER to improve printing definition
  - EFI Reggiani TERRA PLUS to increase colour intensity
  - EFI Reggiani TERRA FIX to raise fastness results
- **For easy to use application**
  - EFI Reggiani TERRA PREP IN-ONE

## Fastness properties

\*Certified by Centro Tessile Serico Spa Consortile, Como, Italy

Test made on CMYK sample printed on Popeline cotton with 1200 dpi, fixed in line 160°C for 3 minutes

Test	Fastness to Domestic & Commercial Laundering UNI EN ISO 105C06	Dry Fastness to Rubbing UNI EN ISO 105-X12	Wet Fastness to Rubbing UNI EN ISO 105-X12	Fastness to Artificial Light UNI EN ISO 105B02
CMYK	4-5	4	3-4	6-7

Test	Fastness to Acid & Alkaline Perspiration UNI EN ISO 105E04	Fastness to Water UNI EN ISO 105E01	Fastness to Chlorinated water UNI EN ISO 105E03	Fastness to Sea water UNI EN ISO 105E02
CMYK	4-5	4-5	3	4-5

\* Due to the wide variety of fabric composition and structure, EFI Reggiani recommends to test the fabric to verify the performance.  
More Fastness details available.

## 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/reggiani](http://www.efi.com/reggiani) 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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