

The image shows a modern lounge or bar area. On the left, a large wall is covered in a grid of decorative, textured tiles. Below this wall is a long, low-profile fireplace with a glass front, showing a fire. In the center and right, there are several contemporary armchairs in white and a bright green chair, arranged around small round tables. In the background, a bar area is visible with stools and a sign that says "OXBO". The floor is made of large, light-colored tiles with a wood-grain pattern.

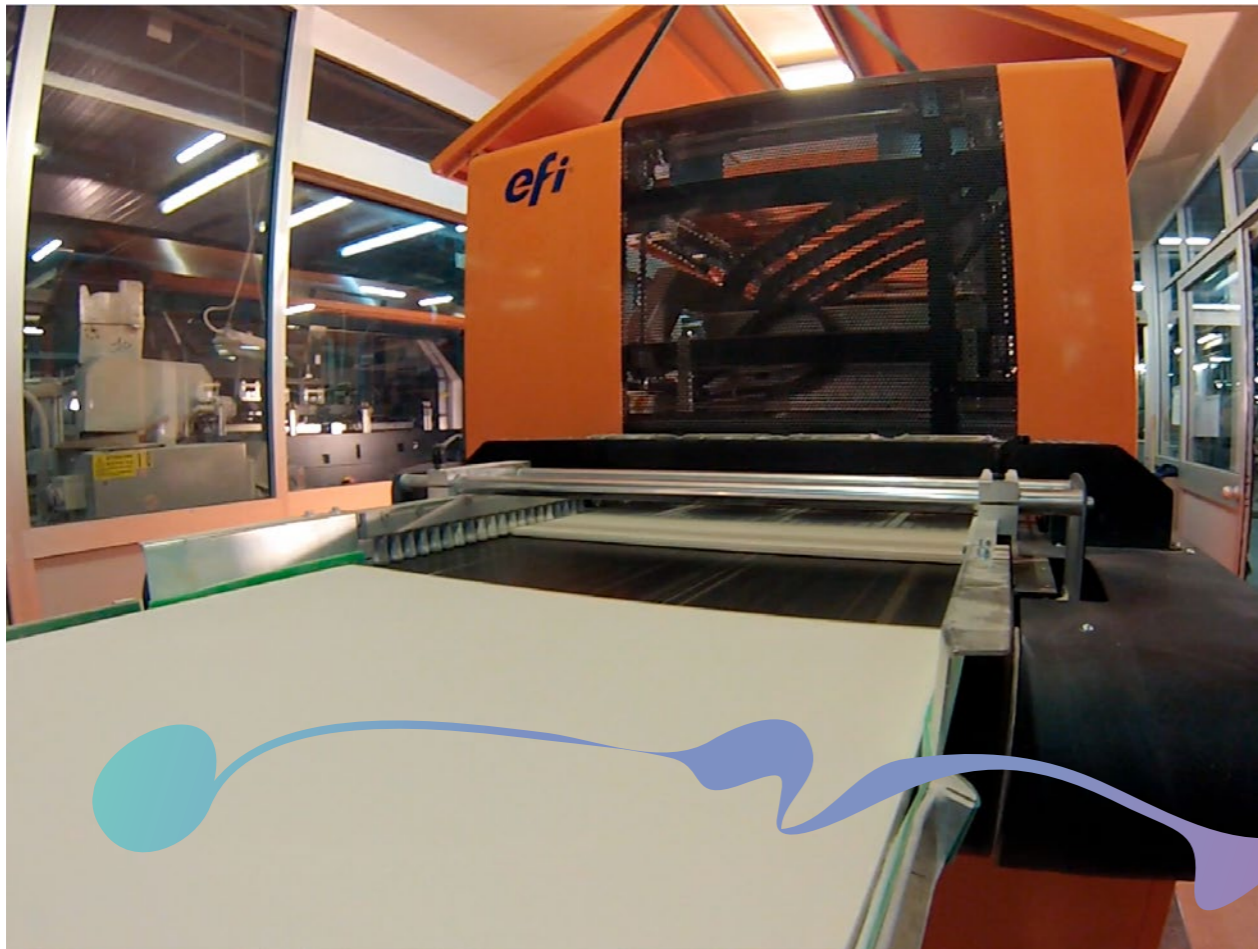
**efi** Cretaprint D4  
Digital Inkjet Printer

Add value  
to your tiles  
with the highest  
quality 12 bars  
inkjet printer

# High quality printing and special finishes in a very compact machine

EFI Cretaprint D4 is the most powerful inkjet digital printer for ceramic since it has 12 printing bars for both printing and special finishes. This ceramic printer offers a great potential in a compact frame optimized for maximum productivity. It is completed with EFI's electronics and software which allows managing complex designs and big files.





Key Features  
of the top  
of range printer

## Mechanics

### Compact frame

Robust machine with metal platform that has a compact frame holding up to 12 printing bars.

### Transport system

Anti-vibration transportation that assures accuracy and stability. It also has a high quality guiding device. The conveyor belt includes a self-cleaning system.

### Printing bars

Accessible sliding bars with a highly efficient vacuum system between bars.



## Operational

### Tile thickness detector

A dual laser at the machine's entrance detects both the position and the thickness of each piece. Thus, printing bars come down and adjust themselves to the tile height.

### Optimized ink system

It allows a faster and easier refilling without spillage thanks to its extractable ink tanks. The ink system tubing design makes it anti-settling and has a manual and automatic reverse flow.

Flexible system allowing very fast ink changes and ink tests without emptying the tank.

### Cleaning system

The printer uses an advanced automatic nozzle cleaning system that generates a significantly fewer permanently missing nozzles. As a result print-heads have a much longer life.

## Electronics and software

### EFI Electronics

Image upload and data transmission is faster to get high performance: you can print and rip simultaneously as well as modify settings on the fly for small re-adjustments during production. The electrical system is completed by two UPS (uninterruptible power supply) standard. All data connections are supported by CAT6 cables.

### Software

Fully touch screen. Navigation is friendly and basic functions are permanently on display. All main functions are accessible in 1-2 clicks.

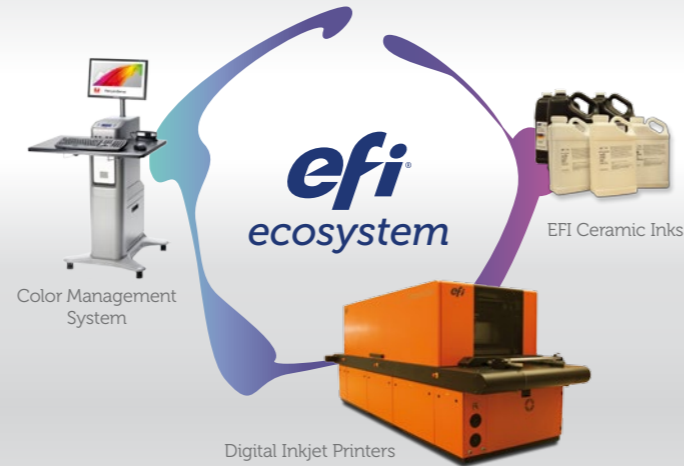
It includes additional features such as linearization, ink consumption calculation and TAS.

### TAS (Tone Adjustment System)

It is an intuitive interface that guides the user through the process of study and application of changes in tone or intensity to apply to a model. It allows adjustments in the system without use of external software or extensive knowledge in colour management.

# EFI Ecosystem

We offer top quality decoration, maximum performance and ink savings through our unique EFI Ecosystem approach that gets the printer, ink and Fiery proServer color management system all working together, as a unique concept solution, providing high value to the ceramic tile manufactures.



# Technical Data

PRINTHEAD MODEL	Seiko RC1536
D4 printing width (mm)	710
Printheads width (mm)	108,3
Number of nozzles	1536
Native resolution (dpi)	360
Drop size range (pl)	13 - 98
Greyscale levels	Up to 8
Firing frequency (kHz) jetting max drop volume	10,2 - 28
gr/m <sup>2</sup> (25m/min)	45

Information according to the print-head manufacturer

SOFTWARE	
Image filetype	TIFF and RPF
Print an image without stopping	Yes
Image loading time	Between 1 sec. and 15 sec.
Image changing time during production	≈ 1 sec.
Number of images per model	100
Parallel ripping and printing	Yes
Rendering time	Variable
Double tile printing	Optional
Fiery Proserver	Yes

## Additional configuration devices



### DTP: 2 formats, 2 designs, 1 printer

Double Tile Printing is a printing solution for the ceramics sector that allows simultaneous printing of two tiles of different formats and with different designs.



### SMS Alerts

This new kit, which can be installed in either new machines (platform 4) or those already installed (C2, P2, C3 and P3), allows users to track any incident or warning that the EFI Cretaprint printer detects in real time reporting to their mobile phones.



### Cretavision

It allows associating each one of the designs of a model to different reliefs of a set of tiles. We can, therefore, perfectly fit-in a certain design with the tile's relief, regardless of the order in which the tiles enter the system.



### Table in/out

With the IN and OUT accessory tables, long tiles are set flat and aligned before printing for an optimal print quality, reducing the risk of defects due to transition from the production line in and out of the printer, thus maximizing printing accuracy. This is recommended for tiles exceeding two times the default entry and exit space on the printer belt.



### Fiery proServer

EFI™ Fiery® proServer for Cretaprint is the first complete color management system for ceramic tile decoration (printing). Used with the Cretaprint digital ceramic printers, the proServer produces the most accurate and consistent color quality for ceramic tile decoration and lowers your ink consumption, regardless of the production conditions.

MACHINE SPECS	
Number of inks	up to 12
Print direction	right / left
Min. tile thickness (mm)	3
Max. tile thickness (mm)	30
Max. tile length (mm)	3000
Print speed (m/min)	up to 60 m / min
Centering printing precision	< 0,3 mm

MACHINE ASSEMBLY	
External power supply	variable (380/400/415/440/480V)
Max power consumption (12 colours)	24 kVA
Electrical phases	3F+GND
Power connection frequency	50/60 Hz
Pneumatic connection	6 bar
Cabin recommended temperature	25-35°C
UPS included	Yes

MACHINE DIMENSIONS	
Width	1700 mm.
High	1923 mm.
Length	4990 mm.

CABIN DIMENSIONS	
Width	3700 mm.
High	2800 mm.
Length	6500 mm.



# EFI fuels success.

Used by tens of millions of professionals around the world, EFI is the only technology company that creates products and services exclusively focused on helping businesses and enterprises be more successful.

Pol. Ind. Supoi-8. C/. Dels Ibers, 54. Apdo. correos nº 93 - 12550 Almazora (Castellón) - Spain  
Tel. + 34 964 340 264 · Fax +34 964 256 211

cretaprintsales@efi.com · [www.efi.com/cretaprint](http://www.efi.com/cretaprint)



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