



**efi** Cretaprint P4  
Digital Inkjet Printer

Produce tile decoration  
your market demands

# The flexible digital decoration solution you need today

EFI™ Cretaprint P4 printer is the ideal printer for manufacturing slabs in your regular ceramic production line and respond to new market needs for architectural, furniture and new uses of tile pieces.



**1 Modularity**  
You can choose number of printing bars:  
Up to 6 or up to 12  
  
You can choose size of the transport table:  
large or small

**2 User-friendly**  
Fully touch screen and an intuitive interface for the  
use in plant with specific functions  
for ceramic manufacturing.

**3 Printing width 1440 mm**  
To decorate slabs in your  
regular manufacturing

**4 Optimal functionality**  
Thanks to the accessible printing bars for operation, optimized ink system, outstanding  
vacuum that sucks up around the print area and the automatic clean system.

**5 Maximum efficiency**  
Powerful electronics 100% designed and manufactured by EFI allowing finest  
performance of printheads and speed in file processing.

# Powerful reasons to choose EFI Cretaprint P4

## Flexibility

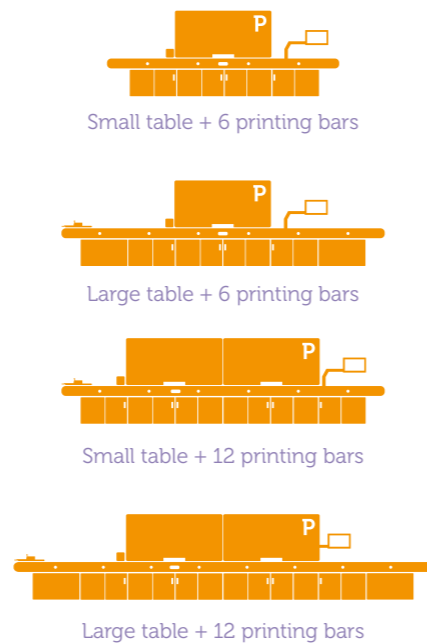
P4 is a modular printer. You can choose from the different settings.

All in one printer: choosing the configuration that best suits you, you just have to invest in what you really need. Also our ceramic printing technology is multi-head, so you can customize the configuration of your printer to the maximum.

EFI Cretaprint P4 has an ideal printing width of 1400 mm to decorate the kind of ceramic pieces your market demand in your regular manufacture: slabs.

In addition, with DTP, you take the most of the printer width in all your manufacturing cycles as you will be able to print big pieces in two lines with two different designs simultaneously.

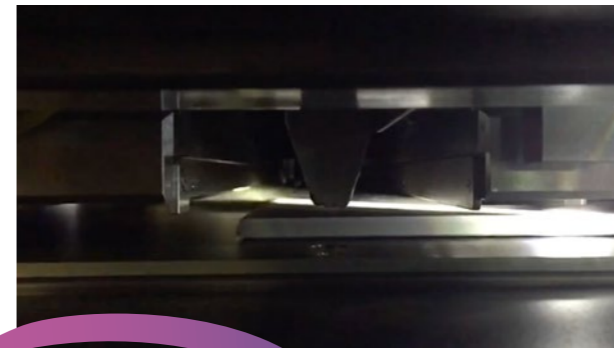
All the options are with a single motion system



## Reliability

All the operational components of EFI Cretaprint printers for ceramics make them a robust and reliable choice. Among them, they stand out:

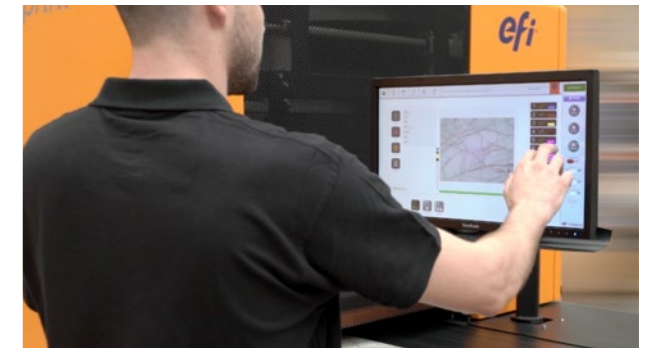
- Vacuum
- Print system
- Automatic cleaning
- Accessible bars



## Quality

Assure best printing quality and tight decoration process in your manufacturing thanks to the electronic and software components of our machines:

- The electronics of our printers is designed and manufactured entirely in EFI to have absolute control of the printhead printing.
- The management of the printer by operators is turned up and integrated with design and color management systems to ease connected and optimized plants.

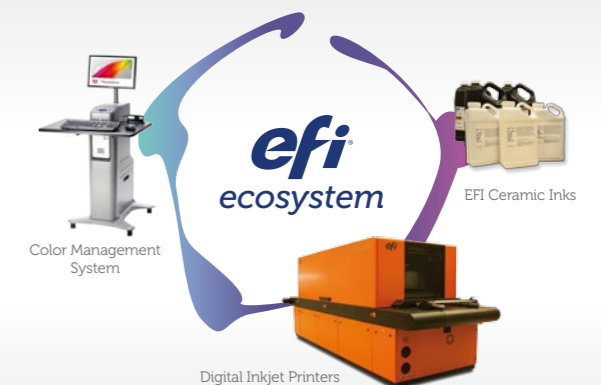


## A unique offer: EFI Ecosystem

EFI is the only company able to offer the ceramic world a complete solution, designed and adjusted for the specific needs of the industry and with an undoubted focus on efficiency and productivity.

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

In other words, we provide the tools for the ceramic manufacturer to manage and control their ceramic decoration process accurately. So, in addition to the state-of-the-art ceramic printers we offer the a complete solution that will:



- Accelerate design development
- Ease convert designs for different ink sets or print conditions
- Produce superior color separations with Fiere ColorWise technology resulting in cost savings of up to 30% with no loss of colour accuracy, gamut or definition.
- Enhance results with specialised ceramic decoration functionalities
- Save extra money combining ColorWise technologies with Smart Ink Saving System: up to 40% cost for each individual design.

# A whole range to choose from

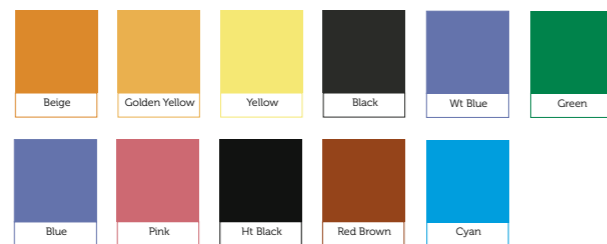
		Printing width			
		Up to 700	Up to 1100	Up to 1440	Up to 1800
Regular Ceramics	Up to 6				
	Up to 8				
	Up to 12				

		Printing width			
		Up to 700	Up to 1100	Up to 1400	Up to 1800
Soluble Salt	Number of printing bars				

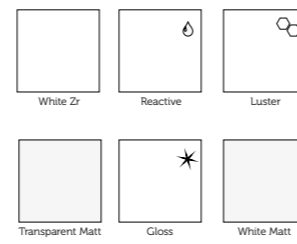
# Inks and color management



### Colour range



### Effects



# Additional configuration devices

**DTP:**  
(Double Tile printing):  
2 formats, 2 designs, 1 printer

**Cretavision**  
Relief recognition device

**Table in/out**  
Integrated in printer transport

**Fiery proServer**  
Color management system for ceramic tile decoration

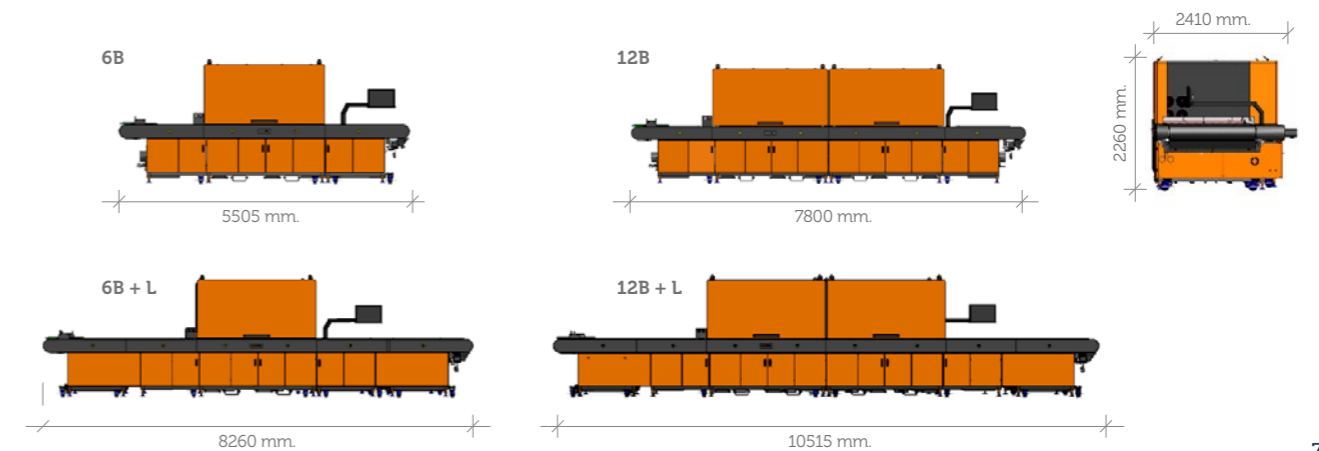
# EFI Cretaprint P4 Technical Data

PRINTHEAD MODEL	TTEC CF1L	TTEC CF1XL	Xaar 1003 GS6	Xaar 1003 GS12	Xaar 1003 GS40	Seiko RC1536
P4 printing width (mm)	1440	1440	1440	1440	1440	1440
Printhead width (mm)	53.5mm	53.5mm	70,05	70,05	70,05	108.3mm
Number of nozzles	636	636	1000	1000	1000	1536
Native resolution (dpi)	300	300	360	360	360	360
Drop size range (pl)	13 - 92	36 - 180	6 - 42	12 - 84	40 - 16	13 - 98
Greyscale levels	Up to 8	Up to 6	Up to 8	Up to 8	Up to 5	Up to 8
Firing frequency (kHz) jetting max drop volume	4.8	4.8	6	6 - 12	6	10.2 - 28
gr/m <sup>2</sup> (25m/min)	15	30	20	40	40	45

Information according to the print-head manufacturer

SOFTWARE	MACHINE ASSEMBLY	MACHINE SPECS
Image filetype	TIFF and RPF	External power supply
Rendering time	Variable	variable (380/400/440/480V)
Image loading time	Between 1 sec. and 15 sec.	Max power consumption(8 colours)
Image changing time during production	≈ 1 sec.	40 kVA
Number of images per model	100	Electrical phases
Parallel riping and printing	Yes	3F+GND
Cretavision: reliefs recognition system	Optional	Power connection frequency
Dobule tile printing	Optional	50/60 Hz
		Pneumatic connection
		6 bar
		Cabin recommended temperature
		25-35°C
		UPS included
		Yes
		Number of inks
		up to 12
		Print direction
		right / left
		Min. tile thickness (mm)
		3
		Max. tile thickness (mm)
		120
		Max. tile length (mm)
		3600
		Print speed (m/min)
		up to 50 m / min
		Centering printing precision
		< 0,3 mm

MACHINE DIMENSIONS	6B	12B	6B + L	12B + L	CABIN DIMENSIONS
Width	2410 mm	2410 mm	2410 mm	2410 mm	Width
High	2260 mm	2260 mm	2260 mm	2260 mm	High
Length	5505 mm	7800 mm	8260mm	10515mm	Length
weight	3800 Kg	6000 Kg	4800 Kg	7000 Kg	6900/9200/9700/12000 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.

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