



Cretaprint

Digital Inkjet Printing System

for Ceramics / Building Materials / Diverse Panels Industry



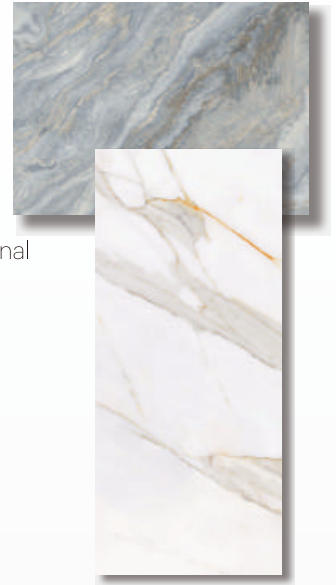
PLOTTER Scanning Digital Inkjet Printer

Making Industry Smarter!

The High-Precision, Multi-Functional & Eco-Friendly Digital Inkjet Printing Solutions for Ceramics, Building Materials and Diverse Panels Industry.

- **Sample Production & Low-Volume Production:** Efficiently transitioning from design to sample production, meeting the needs for customized and low-volume production.
- **Multi-Color HD Printing:** Configurable with up to 12 inks for wide color gamut coverage, ensuring precise pattern reproduction.
- **Multi-level Grayscale Control:** Supports multi-level grayscale for smooth color transitions and precise pattern printing.
- **Optimal Cleaning System for Ceramic Inks:** Engineered for ceramic ink properties to enhance operational efficiency and extend equipment operational life.
- **Large-Format Printing:** Supports oversized ceramic tiles up to 1800 mm × 1800 mm × 60 mm.
- **Remote Operation & Monitoring:** Enables remote assistance and diagnostics for efficient equipment management and maintenance.
- Equipped with **anti-vibration chassis design** bases for stable high-speed printing.
- Compatible With Various Inks: Supports **water-based inks**, **oil-based inks**, and **UV inks**.

*Custom configurations are required for different ink types.



TECHNICAL DATA

MACHINE SPECIFICATIONS						
Printhead	Dimatix SG1024		Seiko 1536			
Printhead width	64 mm		108 mm			
Native resolution	400 dpi		360 dpi			
Max. drop size	66 / 200 pL		92 / 220 pL			
Greyscale levels	4		8			
No. of inks	Up to 12					
Inkjet technology	Piezoelectric drop-on-demand					
Printing method	Scanning					
Max. part thickness	2.36 in (60 mm)					
Max. part length	70.87 in (1800 mm)					
Max. part width	70.87 in (1800 mm)					
Customizable aspects	Printing resolution					
Dimension (L*W*H)	14.27*14.76*6.56 ft (4350*4500*2000 mm)					
Anti-vibration chassis	Yes					
Remote Internet access	Yes					
Image files format	TIFF (N channels)					
Rendering time	Variable					
Inks Compatibility	Water-based inks / Oil-based inks / UV inks					
Optimal belt cleaning system	Yes					
Inks Recirculation	Yes					
PRODUCTION						
Printing Width	Dimatix SG1024			Seiko 1536		
	Passes	Resolution	Printing Speed (m ² /h)	Passes	Resolution	Printing Speed (m ² /h)
1800mm	1-Pass	360*400	113	1-Pass	360*360	155
	2-Pass	360*800	71			
	1-Pass	400*400	90	2-Pass	360*720	100
	2-Pass	400*800	57			

DPI is a global technology enterprise, specializes in the R&D, manufacturing, sales, and service of high-speed industrial digital inkjet printers. DPI delivers innovative digital printing solutions to diverse industries such as ceramics, building materials, textiles, and packaging. For more information, please visit www.dpi-t.com

