



**Cretaprint**

**Digital Inkjet Printing System**

for Ceramics / Building Materials / Diverse Panels Industry



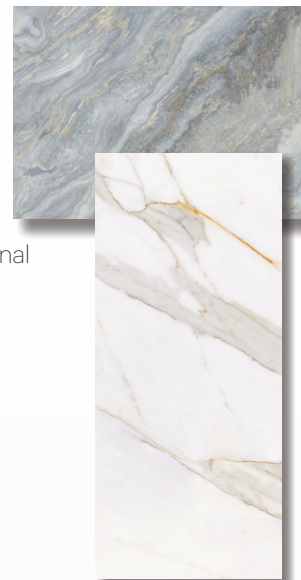
## **PLOTTER** Scanning Digital Inkjet Printer

*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						
	Dimatix SG1024			Seiko 1536		
Printing Width	Passes	Resolution	Printing Speed (m²/h)	Passes	Resolution	Printing Speed (m²/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			