



IKON

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PROJECTA
ELECTRONICS

Powered by
FD1

SPRINTA
New user
interface

Maximum printing
width 723mm

Up to
8 bars

Up to **12 bars**
with **IKON PLUS**

11 litres
stainless steel
ink tanks

770mm
conveyor belt

Up to
80 lm/min



Features & benefits

01

New Color Management & Rip – SMART DROP

Due to its innovative algorithm, it selects automatically the best drop size to be used on any part of the design to always reach the best possible result both in printing quality and uniformity. **SMART DROP** works for all the designs, from the lightest to the darkest ones.

02

Improved Ink System

New generation automation and sensors allow to have almost the same temperature in the whole ink system (from the main tanks to the print heads) avoiding ink shades and/or variations. Improved and more accurate meniscus setting.

03

High Precision Printing Accuracy System

Due to very innovative developments on the printing settings such as voltage regulation (10 times more accurate), tension, firmware, software, encoder, motion system and sensors, the printing accuracy in the new IKON has reached a new dimension.

04

New User interface SPRINTA

Completely reengineered and very friendly navigation. Improved user accessibility and equipped with brand new features.

05

RT² - The Squared Real Time

Allows modifying ON THE FLY any printer setting, from color intensity to printing size, from type of design to alignment, without downtime and production losses.

06

Configurable Dash Board

Highly customizable control panel. User may choose which information to be displayed in order to have the preferred data always visible.

07

PROJECTA Electronics

Brand new generation of print management boards. 100% in-house developed



Technical specifications

General machine configuration

Number of printing bars	Up to 8 / Up to 12 bars with IKON PLUS		
PH technology	SEIKO		FD1
Type of ink	Oil based	RC1536/RC1536L	FD1
	Water based	RC1536A	NA
Max printing width	723mm	723mm	
Conveyor	Belt		
Conveyor size	770mm		
Max conveyor belt speed	up to 80m/min		

Electrical configuration

Power	Multi range 3F + PE: 400-415-440-460-480-500 VAC +/- 10%		
Frequency	50/60 Hz		
Total power installed	kVA 24		
UPS	included		
Pneumatic power	Recommended 6 bar/ Minimum required 4,5 bar		
Compressed air consumption	120 NI/min at 6 bar		
Type of compressed air	Filtration class 3 ISO 8573		

Dimensions

H (height)	1960mm		
W (width)	1750mm		
L (length)	6250mm		

Optionals

G-Synchro

An Advance Camera that detects each one of the pattern of a model to different media based on some shape differences to sync up tile shape or texture given by digital grit application (DryFix) or by traditional analog application (press punches) with your ink-jet decorated design.

VISIONA

Brand new Vision system developed to detect incoming media dimension and position automatically, aligning print design to match exactly tile position on the belt.

Tile Thickness sensor

Tile Temperature Sensor

Double line printing

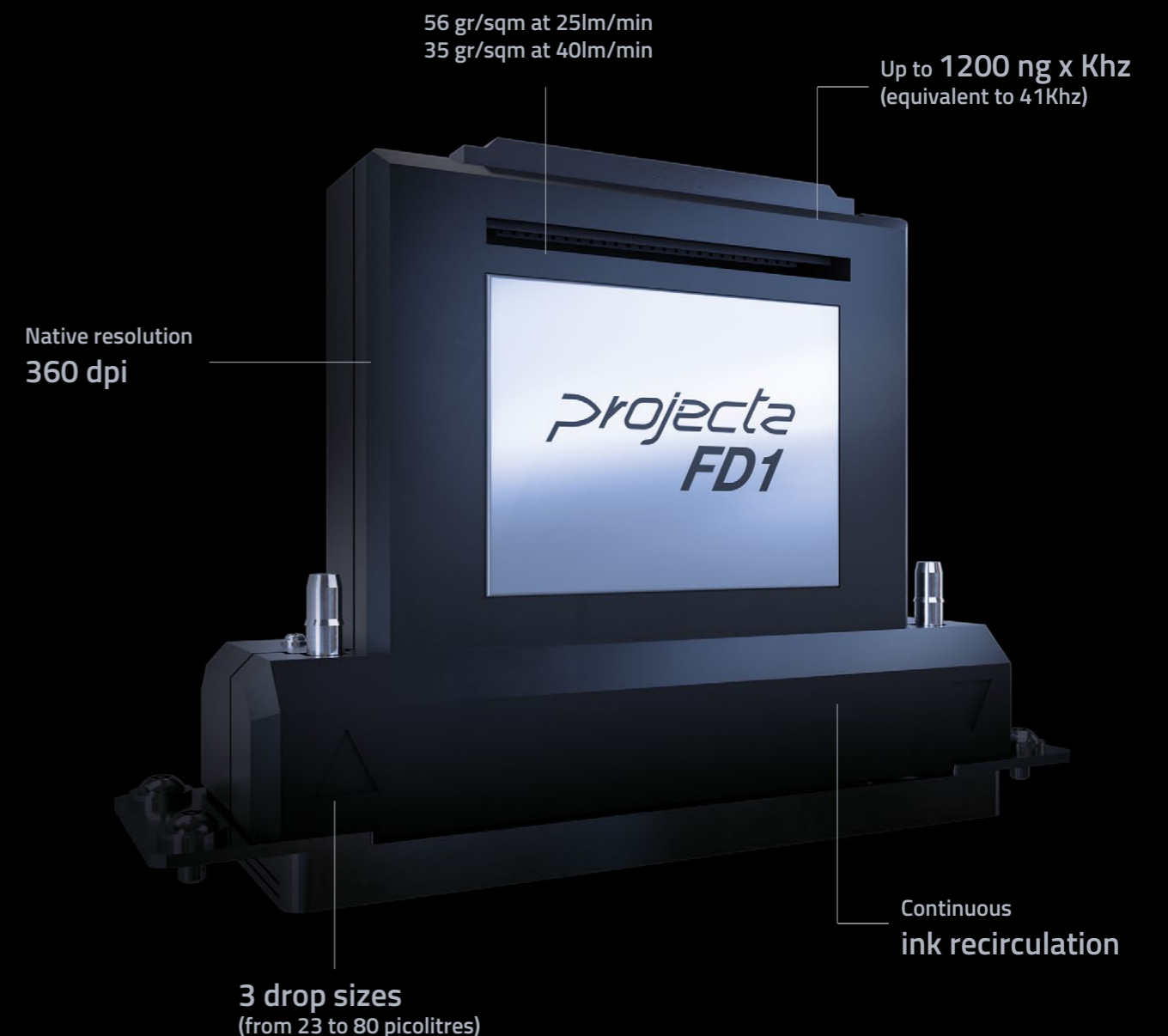
FD1 has been developed with a very specific waveform to reach very **high firing frequency**, improving drop behavior.

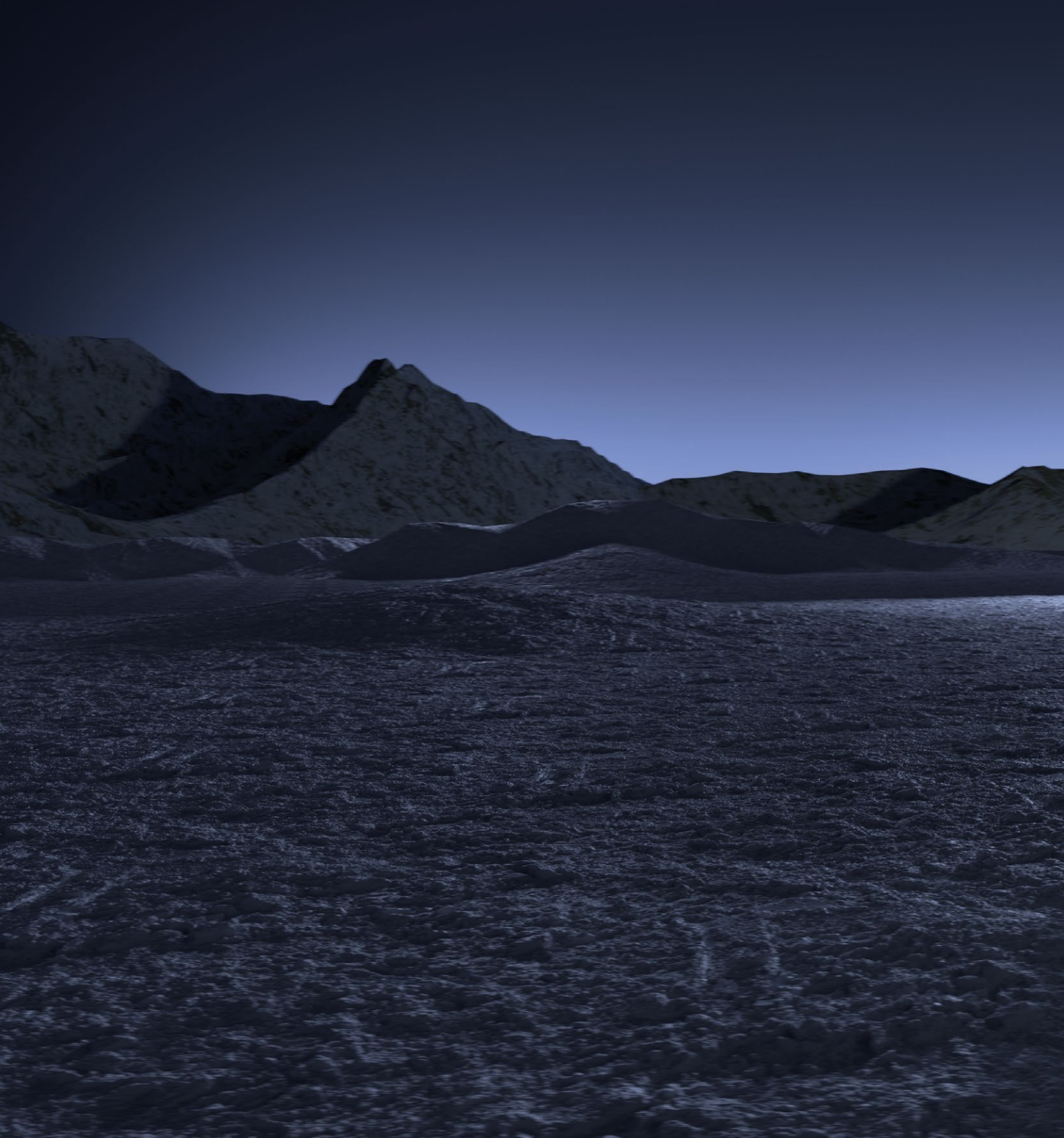
Its **new injector geometry** allows more printing uniformity thanks to a more straight drop jetting.

Less nozzle blockage due to its very high firing frequency.

New stainless steel nozzle plate which provides better printing accuracy and printing quality.

Very robust and durable, which reduces the cleaning frequency of the printheads





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