FABJET PRO
Production Capacity of up to 13,000 sqm/day

Introducing the FabJet Pro, our latest leap in digital textile printing innovation. With a remarkable production capacity of up to 13,000 square meters per day, the FabJet Pro redefines speed, quality, and efficiency in the industry. Designed for ultra-wide format direct-to-fabric printing up to 3.2 meters.

Equipped with 32 Kyocera and 48 Konica Minolta Print Heads with a sticky belt system, the FabJet Pro ensures unparalleled precision and clarity in every print. This state-of-the-art machine is engineered to meet the highest demands of productivity while maintaining exceptional quality, making it the perfect choice for forward-thinking textile manufacturers seeking to elevate their production capabilities.

ADVANCE TECHNOLOGY

Sync Optima Enabled
SyncOptima is a groundbreaking digital textile printing technology that sets the standard for precision and efficiency. This advanced system optimizes carriage and belt movement to ensure flawless synchronization across our printing ecosystem. The result is consistently high-quality prints delivered at impressive speeds, meeting the highest industry standards for performance and reliability.

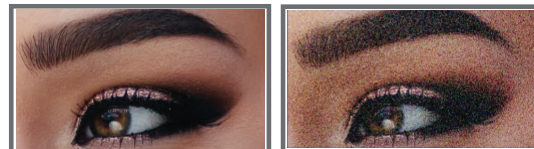### Optimized Fabric Feeding Process
Our upgraded roller system ensures wrinkle-free fabric feeding with consistent tension across the entire width.

Turbocharged Nozzle Pumping
The turbocharged design ensures efficiency, enabling superior performance without sacrificing productivity. Helps to Achieve greater depth and larger drop size while maintaining optimal speed.

Variable Drop Printing
Variable drop printing option helps in achieving more accurate colour tones along with smoother colour gradience.
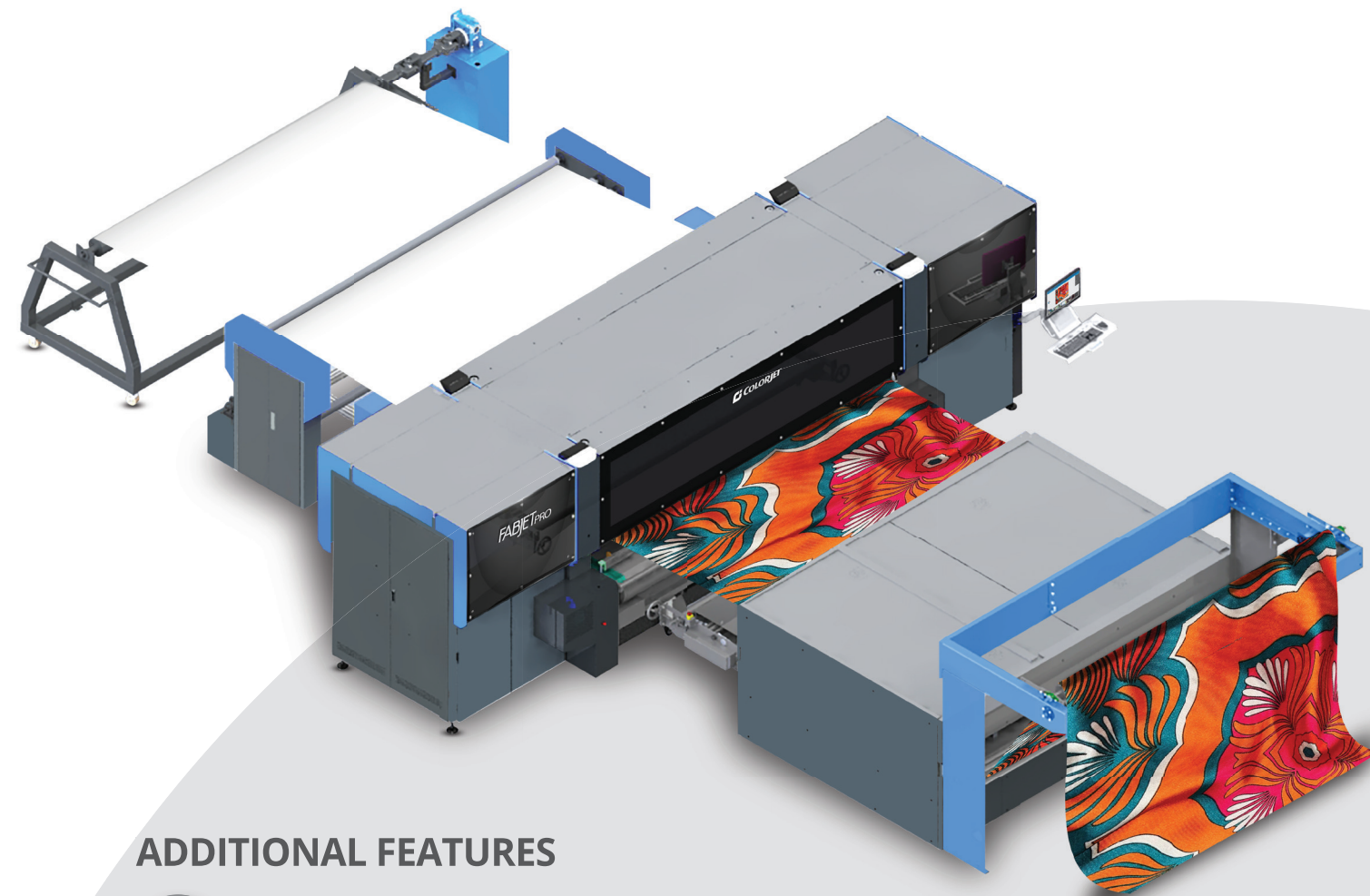
Variable Drops	Normal Drops

Improved Safety Standards
A safety rope sensor and emergency staff switch have been added for enhanced safety during operations, along with four emergency switches. Eye bolts allow for easy machine lifting via hoist.

New ergonomic designs for ease of use and maintenance:
The FabJet Pro boasts a new ergonomic cabinet design, maximizing access to critical components for easy maintenance and cleaning.

ADDITIONAL FEATURES

Efficient Ink Supply System
A complete system enabling the smooth running of the ink and providing high printing stability in high industrial production. Peristaltic pumps help keep the ink supply at a constant level. Negative pressure is detected and adjusted continuously to prevent unwanted ink dropping and spilling of the print head. Efficient Ink degassing system to remove air bubbles in ink tubes to avoid ink starvation assuring the highest print quality.

Controlled Airflow while Printing
Any kind of forced Airflow can result in uneven jetting or cross-firing of water-based inks which can ultimately effect the drop placement.

AIVC® Tech
ColorJet Waveform ensures that the jetting adapts to the viscosity of the inks irrespective of the temperature of the inks.

Efficient Tension Controller System
The machine features OsciPlus™ precise rollers for optimal tension control and seamless fabric feeding, regardless of GSM, weave, crimp, elasticity, or skewness. The tension roller effectively balances uneven tension, ensuring smooth and consistent media movement.

Modular Feeding System
A modular feeding system to incorporate large-size rolls for continuous printing.

Capping and Wiping System
Automatic Capping system prevents inks from drying within the print head when the printer is not in use & On-demand wiping system effectively removes ink, dust & debris from the print head.

Micron Precision Encoder
It helps increase accuracy in aligning carriage and belt movement.

COLORJET
Digitalizing Textile Printing

Redefines Speed, Quality, and Efficiency.

Efficiency Guaranteed.
FABJETPRO

SPECIFICATIONS

Model		PB8326	PB8489	PB8329
FabJet Pro B32				
Printing Technology		Drop-on-demand, Piezoelectric Inkjet		
No. of Print Heads		32 KY	48 KM	32 KM
Print Heads	Type	Industrial Grade Jetting Assemblies		
	Resolution	Upto 2400 DPI	Up to 1440 DPI	Up to 1440 DPI
	Height Adjustment	Up to 30mm		
	Cleaning Method	Pressure Purge and Wiping		
	Wetting Control	Piezoelectric Actuations		
Inks	Types	Reactive	Pigment/Reactive/Disperse	Pigment/Reactive/Disperse
	No. of colors	8		
	Supply	10 Ltr, Bulk Ink Supply System with inline degassing		
Fabric	Types	Cotton, Viscose, Silk, Wool	Cotton, Viscose, Polyester, Polyamide, Silk, Wool	Cotton, Viscose, Polyester, Polyamide, Silk, Wool
	Max. Printing Width	Up to 3200mm		
	Roll Diameter	400mm		
Fabric Drying System		Electric Heaters		
Operating Interface		Touch Screen		
Printing Interface		USB 3.1		
RIP Software Supported		NeoStampa (ColorJet Editions)		
File Format		JPEG, TIFF, BMP/PDF (RGB, CMYK)		
Power Supply		9.5 kW / 3 Φ - 15 A		
Operating Conditions		Temperature: 18 to 28°C, Humidity: 60±5% RH (non-condensing)		
Printer Dimension / Net Weight		2835 x 6572 x 2041mm (LxWxH) / 6500 Kg approx.		
Feeder Dimension / Net Weight		1200 x 3907 x 1398mm (LxWxH) / 950 Kg approx.		

Speed In Sqm/hr)	Print DPI	Passes	PB8326	Print DPI	PB8489	Print DPI	PB8329
Mode 1	508x1200	2	654	360x720	535	360x720	355
Mode 2	508x1800	3	446	360x1080	350	360x1080	235
Mode 3	508x2400	4	318	360x1440	260	360x1440	175

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For more info, scan QR code