

COLORJET COMMANDS 50% MARKET SHARE IN INDIA



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Designing Leadership in Textile Industry with High Quality & High Speed Textile Printing

ColorJet Group - the wide-format digital textile print technology leader, welcomes you to the world of limitless design possibilities.

The company was founded in 1995 and has since been known for its industry-leading performance. It is one of the top global exporters of wide-format printers and provides world-class fabric printing solutions. ColorJet's digital textile machines are revolutionizing the world of textile printing with their robust performance, sustainable manufacturing, lowest downtime, high value, and ROI.

ColorJet Group provides an organized, complete solution to meet the requirements for chemical processing houses, printing mills, export houses, and new investors who want to kick start their digital textile printing project foreseeing the fast fashion trends & abrupt reduction of the supply chain. Our experienced team of professionals is here to recommend and give the

total plan of the digital printing project irrespective of the type of fibre (cotton, polyester, nylon, silk, wool, blends), type of ink (reactive, disperse, pigment, acid), type of applications (fashion apparels including formal wear, ethnic wear, swimwear, sports wear, home textile, technical textile and many others), size of business or any other customization as provided by the customer.

ColorJet has a global presence. Over 4000 machines have been installed across 450 cities, and its benchmarked performance parameters have established it as a highly reputed and chosen brand worldwide, encouraging ColorJet to compete with the best.

Maintaining its leadership position through its globally reputed deep commitment to Technological Innovation, Strong Outreach & Service Infrastructure, and Complete Customer Focus, the high-productivity machines by ColorJet are designed to meet today's challenges and handle tomorrow's textile production requirements.



- 1 1.6 to 3.2 mtr printed width
- 2 26 yrs of experience in wide format printing
- 3 Excellent price-performance ratio
- 4 R&D Department recognised by the Dept. of Science & Technology, Govt. of India

FABJET GRAND

3.2 Mtr Direct To Fabric Printer

A Great Solution for Short-Run and Customized Designs Printing

FABJET GRAND is the ideal direct-to-fabric printing solution for creating large customised patterns for the home furnishings business.

Heavy duty design with rigid structure makes the machine suitable for rigorous shop floor operating conditions.



PRINT SYSTEM

- With 8 Industrial grade jetting assemblies for long service life
- Proprietary AIVC technology for consistent print quality even under varying ambient conditions
- Supports binary or variable drop printing to produce sharp images, vivid colours and greyscale effects
- Automatic wiping system which wipes excess ink and lint from the print head surface
- Capping station and piezoelectric actuators to keep inkjet nozzles adequately hydrated when idle

FABRIC FEED AND TAKE-UP SYSTEM

- Fabric roll is mounted on air inflatable shaft
- Fabric feed is through dancing bar and guide rolls to maintain fabric tension from start to finish
- Heavy duty rubber roll with pneumatically loaded press roll pulls and holds the fabric in place for printing
- Front roll moves with the feeding rubber roll for smooth movement of fabric

INFRARED DRYER

- Compact inbuilt infrared dryer for quick drying of printed ink on fabric
- Uses power efficient radiation for minimal dissipation of heat to surroundings

RIP

- Machine comes preloaded with Colorjet edition of the RIP software with advanced colour management engine and colour processing tools
- Fabric specific ICC profile for smooth gradations, vibrant colours for superior print quality

INK SYSTEM

- Quick response pumps to avoid ink starvation during printing
- Low ink warning for operator attention
- On the fly ink refill
- 2.5 litre ink tanks for long ink refilling cycles
- Advanced degassing and de-bubbling avoids head blockage during high speed printing
- Inline filters for keeping out impurities or larger particles from print head

Unbeatable for Both Short-Runs & Mass Production Applications

SPECIFICATIONS

FABJET GRAND				
CONFIGURATION			P4824	P8824
Printing Technology			Drop-on-demand, Piezoelectric Inkjet	
No. of Print Heads			8	8
Print Heads	Type	Industrial Grade Jetting Assemblies		
	Resolution	Upto 1440 DPI		
	Height Adjustment	Upto 10 mm		
	Cleaning Method	Pressure Purge and Wiping		
	Wetting Control	Piezoelectric Actuators		
Ink	Type	Reactive / Disperse / Pigment / Acid		
	No of colors	4	8	
	Supply	2.5 Ltr, bulk ink supply system with inline degassing		
Fabric	Type	Cotton, Viscose, Polyester, Polyamide, Silk, Wool		
	Max. Thickness	Upto 5 mm		
	Max / Printing Width	Upto 3200 mm		
	Roll Diameter	400 mm		
Fabric Drying System			Infrared Heaters	
Operating Interface			Touch Screen	
Printing Interface			High Speed USB	
Rip Software Supported			RIP Master or NeoStampa (Colorjet Edition)	
File Format			JPEG / TIFF / BMP / PDF (RGB / CMYK)	
Power Supply			220 V, 32 A Single / Three phase load distribution, 50Hz	
Operating Conditions			Temperature: 18 to 28°C, Humidity: 35 to 80% RH (non-condensing)	
Outer Dimension / Weight			5300 mm x 1450 mm x 1650 mm (LxWxH) / 1800 kg Approx.	
Speed (In Sq. Meter/Hrs)	Print DPI	Passes	P4824	P8824
Mode 1	540 x 720	2	167	98
Mode 2	540 x 1080	3	116	68
Mode 3	540 x 1440	4	87	51
Mode 4	540 x 1080	6	58	34
Mode 5	540 x 1440	8	46	27

THE VIBRANCE OF
FABJET GRAND™



Advanced Printing Technologies

Innovative Digital Textile Printing Technologies introduced by ColorJet for Incomparable Outputs.



The **ColorJet AiS™** lowers the cost of operation and provides the customer flexibility to use ink of its own choice to fulfill multiple purpose.

AiS™ offers specialized ICC profiles in line with new tech specs of new ink technologies

AiS™ provides full support to ensure optimized print performance

AiS™ works to ensure long life of print heads



Digital printers are the business lifeline of print solution providers. This makes the optimal life of the machine's entry and exit across a heavy utilisation and new technology development time-cycle critical. All ColorJet digital printers are designed & engineered through **3D simulation processes** at ColorJet's Innovation Laboratories and built optimally, to deliver phenomenal business value, income and an optimal exit point to customers.



Built from 100% galvanized steel



Highest standard of aluminum and CNC



Built to ensure accuracy of every micron



8 stage preparation process of design, chemical treatment, powder coating and paint



Have functional structures designed & manufactured from aeronautical - grade hard-anodized aluminum



QA processes to ensure error-free performance



Optimal performance from concept to design to prototype to production stages



Xactcolor™ was born in response to problems that emerged from the market. Climate and weather condition-wise, India is a very diverse country. Temperatures from subzero to 50 degrees celsius and humidity from high dew point to absolutely arid. These diverse climatic conditions influence ink and media to behave differently across different temperature and humidity zones.



Synchronised print-head and software solution



Variable Drop Technology

The ColorJet R&D team created **XACTCOLOR** to reconcile all usage conditions through printhead, mechanical capability and software technologies to **deliver consistent colour reproduction and detail under all applications and geographies.**



Anti Seaming Technology (AST™) for superior quality at high speed.



Kiloton™

Kiloton™ Technology emerged from the Special Association of Technology of Konica Minolta with ColorJet to extend the print head life significantly.



High Sense Paper Tension regulator. It detects fluctuation in tension and corrects it almost instantly.



Osci+™

A system of **Osci plus™** precise rollers offer efficient tension control and smooth feeding of the fabric irrespective of its parameter-gsm, weave, crimp, elasticity, skewness, making the machines flexible to be used with any fabric.



Maintains a consistent temperature throughout the print head for improved printing consistency. With the increase in head life, there is a significant reduction in maintenance requirements.

Events

FASHION SHOWS

Designer's Preferred Choice

ColorJet Styling Sustainable Fashion Printing in one of the topmost fashion shows in the world.

New York Fashion Week (NYFW) 2019



Watch Here



India Fashion Week London



India Fashion Week London, a well-known platform for fashion designers, wrapped up one of its most successful seasons in the presence of ColorJet Group.

Watch Here



COLORJET GLOBAL CONNECT

Competing with the best



 Fespa, Berlin 2018

 Fespa, Hamburg 2017

 ITMA, Milan 2019



ITMA Asia, Shanghai 2018



ITMA, Barcelona, Spain 2019