COLORJET

India's largest manufacturer of digital inkjet printers

THE MAGIC OF FABRIC PRINTING

FROM COLORJET

MAXIMUM APPLICATIONS &
PROFITABILITY FOR
FABRIC PRINTING BUSINESSES

EFFICIENT INDIAN ENGINEERING

DESIGNING LEADERSHIP IN TEXTILE INDUSTRY

WITH HIGH QUALITY & HIGH SPEED TEXTILE PRINTING

COLORJET

Welcome to the world of infinite design possibilities with the fastest growing wide-format digital textile print technology leader in the Indian sub-continent.

ColorJet Group is present in 14 countries worldwide. Founded in 2004, the company maintains its operations via two manufacturing facilities and sales offices spread across seven countries, which include India , China, Bangladesh, UAE and Sri Lanka. To date, ColorJet has installed 4,000 of its printing solutions and products across 315 cities around the world. ColorJet products are backed by a strong 280+ member team, of which around 100 are in technical roles across R&D, Customer Support, Application, Machine Design and Sales related functions.

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

Colorjet digital textile printing solutions involve wide exploration in creating multiple fabric sheets with an extensive range of traditional and modern designs.

In collaboration with strategic partners, ColorJet will continue to deliver unmatched functionality and innovative products to the global marketplace.

CJ4 PLUS THE COLORJET ADVANTAGES

1. 1.6 to 3.2 mtr Printed width
2. 22 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 DUO

3.2 MTR DUAL INK DIRECT TO FABRIC PRINTER

FABJET-DUO is conceptualised to address the need for a printer which can work with two different inks. The two-in-one printing machine has a dual ink supply system which allows switching between any two types of inks with the flick of a switch. So now you can use the same machine to print drapes woven with polyester filament yarn or high thread count sheetings woven in cotton yarn.

THE POWER OF TWO
FABJET DUO™

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 drop or variable drop printing to produce sharp images, vivid colours and greyscale effects.
- Automatic wiping system which wipes excess ink and dust from the print head surface
- Capping station and piezoelectric actuations to keep inket 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

- Block of 4 heads connected to one ink system or the other
- On the fly ink refill
- 2.5 litre tanks for long ink refilling cycles
- Advanced degassing and de-bubbling - removes bubbles that may have formed during ink refills; avoids head blockage during high speed printing
- Inbuilt filters for keeping out impurities or larger particles from printhead

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SPECIFICATIONS

FABJET DUO				
CONFIGURATION			**FD - 4412**	**FD - 4424**
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 Actuations	
Ink	Type		Reactive / Disperse / Pigment / Acid	
	No of colors		4	4
	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			ErgoSoft (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**	**FD - 4412**	**FD - 4424**
Mode 1	360 x 1080	3	-	62
Mode 2	360 x 720	4	-	46
Mode 3	720 x 720	4	41	49
Mode 4	720 x 540	6	22	26
Mode 5	720 x 720	8	20	24

COLORJET

The machine that achieves speedy and brilliant results at minimized costs

COLORJET DELIVERS IMPECCABLE PRINT RESULTS & FLAWLESS SERVICE ACROSS THE WORLD

INDIA'S LARGEST MANUFACTURER OF WIDE FORMAT DIGITAL PRINTERS AWARD

AT 6TH ANNUAL IMAGING SOLUTION AWARDS

MOST TRUSTED BRAND OF INDIA AWARD

AT INDIAN BRAND CONVENTION BAM AWARDS 2017

RISING STAR OF ASIA AWARD

AT THE INDO-ASEAN GLOBAL INVESTMENT SUMMIT, BANGKOK, THAILAND

For more info, scan QR code

COLORJET GROUP

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