



India's largest manufacturer of digital inkjet printers

# THE MAGIC OF FABRIC PRINTING FROM COLORJET

MAXIMUM APPLICATIONS &  
PROFITABILITY FOR  
FABRIC PRINTING BUSINESSES



**DESIGNING  
LEADERSHIP IN  
TEXTILE INDUSTRY**  
WITH HIGH QUALITY  
& HIGH SPEED  
TEXTILE PRINTING



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.



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

# TXF

## 1.6 MTR DIRECT TO FABRIC PRINTER

**TXF** is ideally suited for producing fine prints for the connoisseur. Maximum creativity with minimum space occupied to create unique designs that would be difficult to copy on other printers.



THE UNIQUENESS OF  
**TXF**

## PRINT SYSTEM

- With 2 precision grade jetting assemblies
- Supports binary drop 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 feed tension and supply is optimised by adjustable deflection roller
- Adhesive conveyor belt keeps fabric flat and in place for accurate printing and prevent crease formation in fabric while printing
- Automatic unwinding and winding mechanism enables unattended print operation
- Winding with torque motor for continual unattended printing of fabric rolls

## ADHESIVE BELT CLEANING SYSTEM

- Equipped with water jets and brush roller to wash excess ink and lint
- Super absorbent roller to ensure removal of residual droplets
- Belt dryer ensures that completely dry belt surface is available for fresh fabric feed

## INFRARED DRYER

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

- 1.2 litres ink tanks for long refilling cycles
- On the fly refilling for uninterrupted operation
- Inbuilt filters to protect print heads from impurities or large particles

## SPECIFICATIONS

COLORJET TXF			
CONFIGURATION			TXF
Printing Technology			Drop-on-demand, Piezoelectric Inkjet
No. of Print Heads			2
Print Head	Type	Precision Grade Jetting Assemblies	
	Resolution	Upto 1440 DPI	
	Height	5 mm Adjustable	
	Cleaning Method	Auto Suction	
	Wetting Control	Piezoelectric Actuators	
Ink	Type	Acid / Diperse / Pigment / Reactive	
	No of Colors	4 / 8 Colors	
	Supply	1.4 Ltr Ink Supply System	
Fabric	Type	Cotton, Cellulosic, Polyester, Polyamide, Silk, Wool	
	Max Thickness	Upto 5 mm	
	Max / Printing Width	1600 mm	
	Roll Diameter	450 mm	
Fabric Drying System			Infrared Heaters with Blower Fans
Operating Interface			Touch Screen
Printing Interface			High Speed Ethernet
Rip Software Supported			ErgoSoft (ColorJet Edition)
File Format			JPEG / TIFF/BMP / PDF (RGB / CMYK)
Power Supply			220 V, 25 A Single / Three phase load distribution, 50/60Hz
Operating conditions			Temperature 20 to 28°C, Humidity 60 to 70% RH (non-condensing)
Outer Dimension / Weight			3437 mm x 1834 mm x 1426 mm (LxWxH) / 1600 kg Approx.
<b>Speed (In Sq. Meter / Hrs)</b>	<b>Print DPI</b>	<b>Passes</b>	<b>TXF - 4C</b>
Mode 1	720 x 720	5	24
Mode 2	720 x 720	6	20
Mode 3	720 x 1440	9	14

Eco-friendly digital  
textile printer with  
pigment inks,  
lesser investment,  
increased  
profitability

THE UNIQUENESS OF  
**TXF**



# COLORJET DELIVERS IMPECCABLE PRINT RESULTS & FLAWLESS SERVICE ACROSS THE WORLD

Greece 

Egypt   
 Saudi Arabia   
 Kuwait   
 Bahrain   
 Qatar   
 UAE   
 Oman 

India 

Nepal 

Bangladesh 

Ethiopia 

Uganda   
 Kenya 

Sri Lanka 

Australia 

New Zealand 



**INDIA'S**  
**#1**  
**WIDE FORMAT**  
**DIGITAL INKJET**  
**PRINTER**

IDC Quarterly Large Format Printer  
 Tracker Q4 2017 - Superwide



**INDIA'S LARGEST MANUFACTURER**  
**OF WIDE FORMAT**  
**DIGITAL PRINTERS AWARD**

AT 6<sup>TH</sup> ANNUAL IMAGING  
 SOLUTION AWARDS



**RISING STAR OF ASIA AWARD**

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



AT INDIAN BRAND CONVENTION  
 BAM AWARDS 2017



For more info,  
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