Ci COLORJET
Digitalizing Textile Printing

Sustainable
Future of
Textile Printing

Digitalizing your Printing Needs

with
**FLUORESCENT
INKS**

**EFFICIENT
ENGINEERING**

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, lowest downtime, high value addition and quick ROI.

ColorJet Group provides an organized, complete solution to meet the requirements of fabric 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), type of inks (reactive, disperse, sublimation, 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.
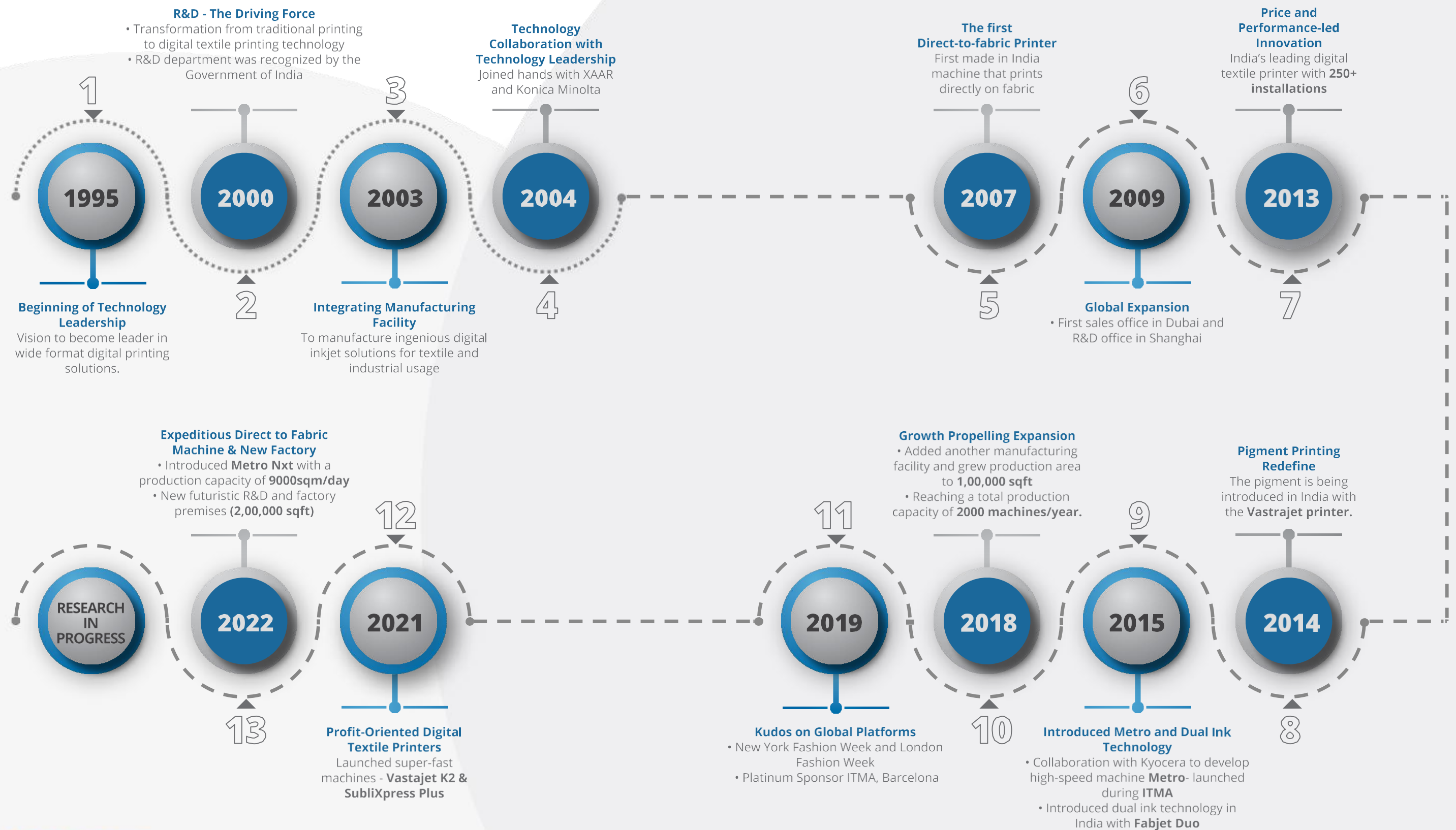
ColorJet has a global presence. Over 4000 machines have been installed across 450 cities, and its benchmarked performance parameters have established it as a highly reputed and chosen brand worldwide, encouraging ColorJet to compete with the best.

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.
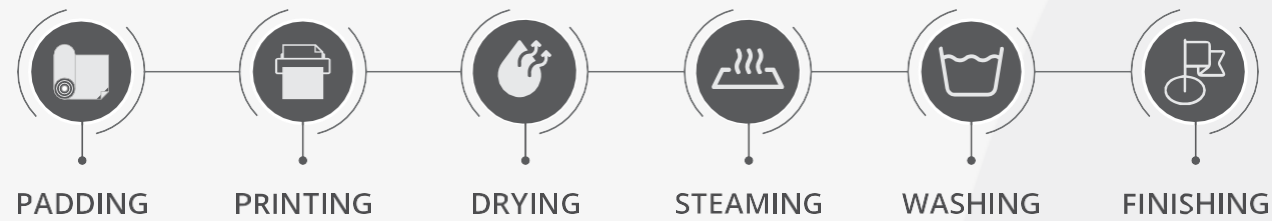
CJ4 PLUS
THE COLORJET ADVANTAGES

1 India's largest manufacturer of large format digital printers

2 R&D department recognised by Ministry of Science & Technology, Govt. of India

3 20+ yrs of experience in wide format digital textile print technology

4 Offering complete solution from pre to post in digital textile printing process

TIMELINE OF SUCCESS

1

1995

Beginning of Technology Leadership
Vision to become leader in wide format digital printing solutions.

2

2000

R&D - The Driving Force
• Transformation from traditional printing to digital textile printing technology
• R&D department was recognized by the Government of India

3

2003

Integrating Manufacturing Facility
To manufacture ingenious digital inkjet solutions for textile and industrial usage

4

2004

Technology Collaboration with Technology Leadership
Joined hands with XAAR and Konica Minolta

5

2007

The first Direct-to-fabric Printer
First made in India machine that prints directly on fabric

6

2009

Global Expansion
• First sales office in Dubai and R&D office in Shanghai

7

2013

Price and Performance-led Innovation
India's leading digital textile printer with **250+ installations**

8

2014

Pigment Printing Redefine
The pigment is being introduced in India with the **Vastrajet printer.**

9

2015

Introduced Metro and Dual Ink Technology
• Collaboration with Kyocera to develop high-speed machine **Metro**- launched during **ITMA**
• Introduced dual ink technology in India with **Fabjet Duo**

10

2018

Growth Propelling Expansion
• Added another manufacturing facility and grew production area to **1,00,000 sqft**
• Reaching a total production capacity of **2000 machines/year.**

11

2019

Kudos on Global Platforms
• New York Fashion Week and London Fashion Week
• Platinum Sponsor ITMA, Barcelona

12

2021

Profit-Oriented Digital Textile Printers
Launched super-fast machines - **Vastajet K2 & SubliXpress Plus**

13

2022

Expeditious Direct to Fabric Machine & New Factory
• Introduced **Metro Nxt** with a production capacity of **9000sqm/day**
• New futuristic R&D and factory premises **(2,00,000 sqft)**

RESEARCH IN PROGRESS

CΓ COLORJET
Digitalizing Textile Printing

ColorJet Offers Complete Solution from Pre to Post Treatment in Digital Printing Workflow

ColorJet offers hassle free textile printing process from Multi Chamber Stenter for Chemical Padding, Digital Printer, Star Ager / Loop Ager for proper Steaming & Curing, Print Washing Range to get the washing done on printed fabric, Hydro Extractor for water removal & Vertical Cylinder Dryers for final drying.

PADDING — PRINTING — DRYING — STEAMING — WASHING — FINISHING

Multiple Digital Textile Printing - Versatile solutions across all printing needs

Fiber
- Cotton
- Polyester
- Silk
- Wool
- Nylon

Inks
- Pigment
- Reactive
- Sublimation
- Disperse
- Acid

Colorjet Textile Printing Solution Is More Conscious Towards The Environment

The ColorJet textile printing process enables the only truly sustainable and responsible dry printing process with minimal water consumption and water pollution

Minimal water consumption

We always try to make intelligent use of natural resources without compromising the quality.

Sustainable Printing

We believe in eco-sustainable manufacturing that ensures low chemical emissions.

COLORJET
Digitalizing Textile Printing

SubliXpress Plus

1.95 Mtr Industrial Sublimation Printer

With a Massive Production Capacity of 9000 sqm/day

with **FLUORESCENT INKS**

Speed, Quality, Reliability and Consistency are the four most powerful pillars of our most advanced 76" Wide industrial dye sublimation printer - **SubliXpress Plus**. Well equipped with Active Seaming Technology and 8 industrial Kyocera print heads, SubliXpress Plus is also available in 4/6/8 color variant. Furthermore, it has a vast production potential of 9,000 sqm/day to intensify your production level.

FEATURES

INDUSTRIAL LEVEL PRINT HEADS – Upto 8 heads in two rows with variable drop size technology for attaining sharp quality at high speed

LEAF CLAMPS – Polished steel clamps placed at either side to prevent paper edges from curling

INK DEGASSING SYSTEM – To remove bubbles and gas trapped in ink tubes and avoid ink starvation

MULTIPLE BRUSH ROLLERS – To ensure effective wrinkle-free media feeding and take-up
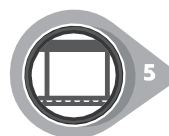
DANCING ROLLER – To provide continuous uniform tension and roll alignment for media from feeding to take up

LINEAR MOTOR – Linear Motor with high precision dual guide rail beam helps improve printing speed and ensure printing accuracy

METAL ENCODER – More precise ink jetting at high speeds, effectively leading to longer service life

HSTR – High Sense Paper Tension Regulator. It detects fluctuation in tension and corrects it almost instantly

TWO STAGE DRYING MECHANISM – To prevent cockling of paper & provide precise ink absorption on the media

AST – Active Seaming Technology for superior quality at high speed

Z ENCODER – For precise head height adjustment when calibrating

COLORJET

Digitalizing Textile Printing

SPECIFICATIONS

		SubliXpress Plus			
Models		X4403	X8403	X4806	X8803
Printing Technology		Drop on demand, Piezo Electric Inkjet			
Type of Print head		300dpi	300dpi	600dpi	300dpi
No. of Print Heads		4	4	8	8
Print Heads	Type	Industrial Grade Jetting Assemblies			
	Resolution	Upto 2400 dpi			
	Height Adjustment	Upto 20 mm			
	Cleaning Method	Pressure Purge and Wiping			
	Wetting Control	Piezoelectric actuations			
	Types	Dye Sublimation Aqueous based Inks			
Inks	No. of Color	4	8	4	8
	Ink Colors	CMYK	C M Y K, Blue, Orange, Fluorescent Yellow, Fluorescent Magenta	CMYK	C M Y K, Blue, Orange, Fluorescent Yellow, Fluorescent Magenta
	Supply	10 litre Refillable tank			
Media	Max. Thickness	Upto 20 mm			
	Max/Printing Width	Upto 1950 mm			
	Feed Roll Daimeter	Upto 900 mm			
Media Drying System		Infrared Heaters			
Printing Interface		USB 3.1			
Rip Software Supported		Onyx(ColorJet Edition)			
File Format		JPEG / TIFF / BMP / PDF (RGB/CMYK)			
Power Requirements(Print Engine)		AC 220 V, 36 A, 50 / 60 Hz			
Dimensions (Printer Only)		4052 x 1295 x 1824 mm (LxWxH)			
Dimensions (With Packing)		2575 x 1150 x 2050 mm (LxWxH)			
Packing Dimension		4400 x 2260 x 2050 mm (LxWxH)			
Weight		N.W 1680 g, G.W. 2380 Kg Feeder N.W. 310kg			
Operating Conditions		Temperature: 24°C ± 4 Humidity: RH of 55% ± 10			

Speed (In Sq. Meter/Hr)	Print DPI	Passes	X4403	X8403	X4806	X8803
Mode 1	488 x 300	1	457	251	-	457
Mode 2	488 x 600	2	303	167	-	303
Mode 3	488 x 900	3	221	122	-	221
Mode 4	480 x 1200	4	165	91	-	165
Mode 5	488 x 600	1	-	-	450	-
Mode 6	488 x 1200	2	-	-	300	-
Mode 7	488x 1800	3	-	-	218	-

Jumbo Roll Feed System is Optional*

Super Quick Machine that can Print up to 9,000 Sqm/day Seamlessly

THE COMPETENCE OF
Subli Xpress PLUS

COLORJET DELIVERS IMPECCABLE PRINT RESULTS & FLAWLESS SERVICE ACROSS THE WORLD

Platinum Sponsor
of ITMA 2023

ITMA 2023

COLORJET
INDIA'S #1 WIDE FORMAT DIGITAL INKJET PRINTER

MSME INDIA BUSINESS AWARDS
BEST ENTERPRISE OF THE YEAR 2022

INDIA ITME 2022
TOP PERFORMER IN TEXTILE ENGINEERING INDUSTRY UNDER PRINTING SEGMENT

tmma
SPECIAL EXPORT AWARD IN THE PROCESSING MACHINERY CATEGORY

RISING STAR OF ASIA AWARD

INDIA'S LARGEST MANUFACTURER OF DIGITAL TEXTILE INKJET PRINTER OF 2021

INDIA SME 100 AWARDS 2022

EXPORT PERFORMANCE AWARD