Sustainable
Future of
Textile Printing

Digitalizing your Printing Needs

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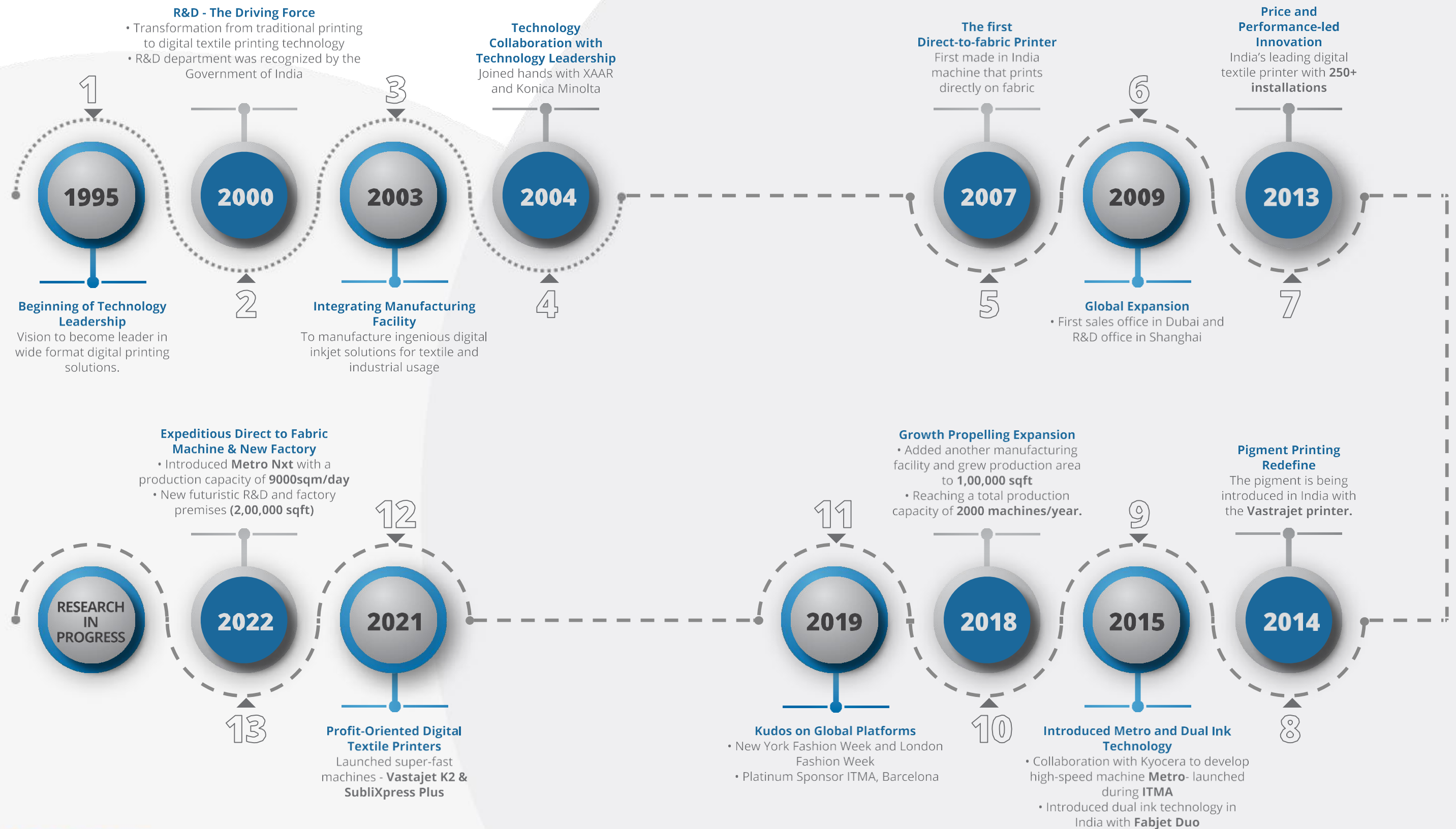
ColorJet has a global presence. Over 4000 machines have been installed across 450 cities, and its benchmarked performance parameters have established it as a highly reputed and chosen brand worldwide, encouraging ColorJet to compete with the best.

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.

CJ 4 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

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

1995

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

2

2000

3

2003

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

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

2004

4

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

2007

5

6

2009

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

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

2013

7

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

12

2022

2021

13

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

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

2018

10

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**

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

2014

8

![ColorJet logo] **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

METRO NXT

1.8 Mtr Direct To Fabric Printer

With a Massive Production Capacity of 9000 sqm/day

Our latest high-performance machine, the **METRO NXT**, has a great production capability of up to 9,000 sqm/day, considerably reducing the pressure associated with long industrial production runs in a short time.

It comes with upto 32 Industrial Grade Kyocera Print Heads and delivers sharp quality output using ColorJet recommended inks available in the configuration of 8 Colors options.
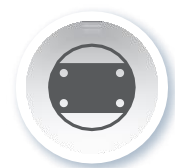
GREAT FEATURES

EFFICIENT INK SUPPLY SYSTEM:
Sufficient ink supply to prevent ink starvation while printing at high-speed

HEAD CRASH PROTECTIVE SYSTEM:
To help protect the head from any obstruction during carriage movement

LINEAR MOTOR:
For precise ink jetting at high speeds & smooth carriage movement

GOLD PLATED METAL ENCODER:
More precise ink jetting even at high speeds results in precision printing

MODULAR FEEDING SYSTEM:
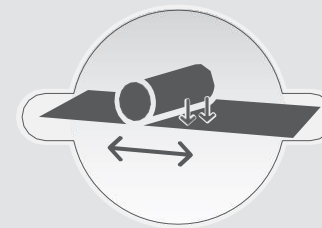To incorporate large size rolls for continuous printing
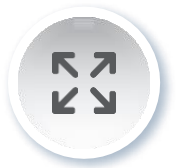
ON DEMAND CAPPING & WIPING SYSTEM USING HMI SCREEN:
To keep inks from drying in the print head & remove debris

5 STAGES WATER EFFICIENT FABRIC HANDLING TREATMENT:
For easy belt wash & Jet cleaning, with no blockage due to lint or dust

ADVANCED PRINTING TECHNOLOGIES

Osci+™

Osci plus ™ precise rollers for efficient tension control & smooth fabric feeding, regardless of fabric parameters such as gsm, weave, crimp, elasticity, & skewness.

Purge+™

An ink-saving device that facilitates the removal of air bubbles by recirculating the ink into the circuit.

COLORJET
Digitalizing Textile Printing

Reach New Levels of
Productivity Every Day with
the Great Performer Metro Nxt

Jumbo Roll Stand

Ink Dryer

Plaiter

Fabric Feed
Regulator

Printer

*Accessories shown along with the printer are not part of standard equipment.
However, these can be available at the customer's demand only.*

INDEPENDENT DRYER + PLAITER UNIT

Advanced independent **Drying System** for large speed production.
Incorporated with efficient roll winding system controlled by gear motor,
which controls the fabric tension.

	DRYER TYPE		
	GGaire 50	GGaire 100	GGaire 200
Electricity load (up to)	14KW	48KW	72KW
*Optional			

*We have multiple dryer options, which are optional
  and are provided as per customer requirement.

COLORJET
Digitalizing Textile Printing

SPECIFICATIONS

VASTRAJET K2		
CONFIGURATION		**C8329**
Printing Technology		Drop-on-demand, Piezoelectric Inkjet
No. of Print Heads		32
Print Heads	Type	Industrial Grade Jetting Assemblies
	Resolution	Upto 1440 dpi
	Height Adjustment	Upto 30 mm
	Cleaning Method	Pressure Purge and Wiping
	Wetting Control	Piezoelectric actuations
Ink	Type	Reactive / Disperse / Acid
	No of colors	8
	Supply	10 ltr bulk ink supply system with inline degassing
Fabric	Type	Cotton, Viscose, Polyester, Polyamide, Silk, Wool
	Max. Thickness	Upto 20 mm
	Fabric Width	1900 mm
	Printing Width	Upto 1850 mm
	Roll Diameter	400 mm
Fabric Drying System		Infrared Heaters
Operating Interface		Touch Screen
Printing Interface		USB 3.1
Rip Software Supported		NeoStampa (ColorJet Edition)
File Format		JPEG / TIFF / BMP / PDF (RGB / CMYK)
Power Supply		220 V, 104 A Single / Three phase load distribution, 50kw
Operating Conditions		Temperature: 24°C ± 4°C Humidity: 65% ± 10% RH
Printer Dimension / Net Weight		4898 x 2250 x 1850 mm (LxWxH) / 3250 Kg Approx.
Dryer Dimension / Net Weight		2590 x 1770 x 1318 mm (LxWxH) / 850 Kg Approx.
Feeder Dimension / Net Weight		2482 x 820 x 1160 mm (LxWxH) / 720 Kg Appox.

Speed (In Sq. Meter/Hrs)	Print DPI	Passes	Speed (In Sq. Meter/Hrs)
Mode 1	540x720	2	269
Mode 2	540x1080	3	194
Mode 3	540x1440	4	148

Faster, Reliable & a Perfect Fit for Industrial Production

THE SWIFTNESS OF
METRO NXT

COLORJET DELIVERS IMPECCABLE PRINT RESULTS & FLAWLESS SERVICE ACROSS THE WORLD

(World map showing ColorJet's presence across countries: US, Mexico, Brazil, Portugal, Spain, Germany, Italy, Romania, Latvia, Lithuania, Bulgaria, Greece, Turkey, Cyprus, Tunisia, Morocco, Egypt, Ethiopia, Uganda, Kenya, Zimbabwe, Saudi Arabia, Qatar, Kuwait, Bahrain, UAE, Oman, Iran, Uzbekistan, Pakistan, Nepal, India, Bangladesh, China, Sri Lanka, Vietnam, Thailand, Indonesia, Australia, New Zealand)

Platinum Sponsor
of ITMA 2023

ITMA 2023

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

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