

Sustainable Future of Textile Printing



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.



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India's largest manufacturer of large format digital printers

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

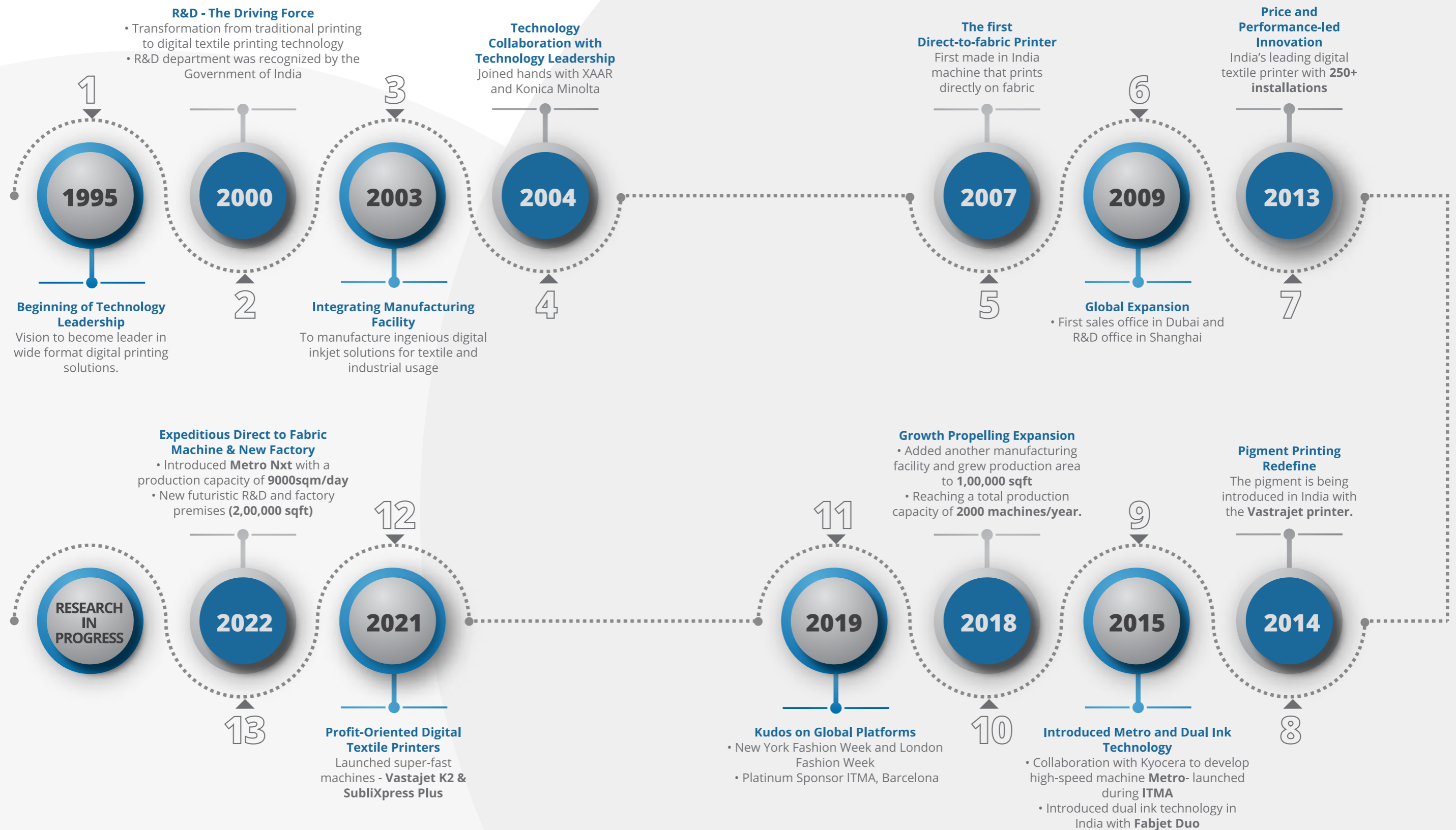
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20+ yrs of experience in wide format digital textile print technology

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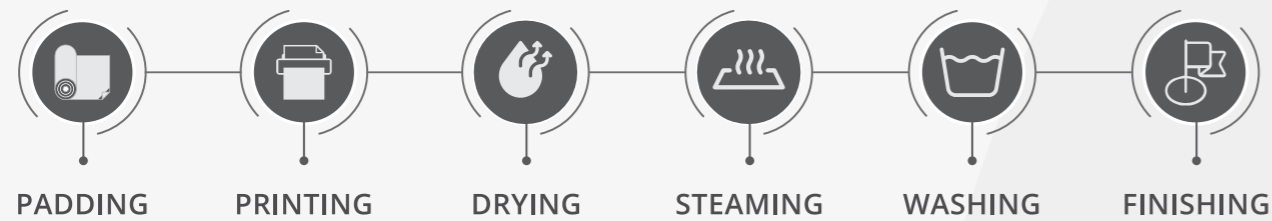
Offering complete solution from pre to post in digital textile printing process

TIMELINE OF SUCCESS

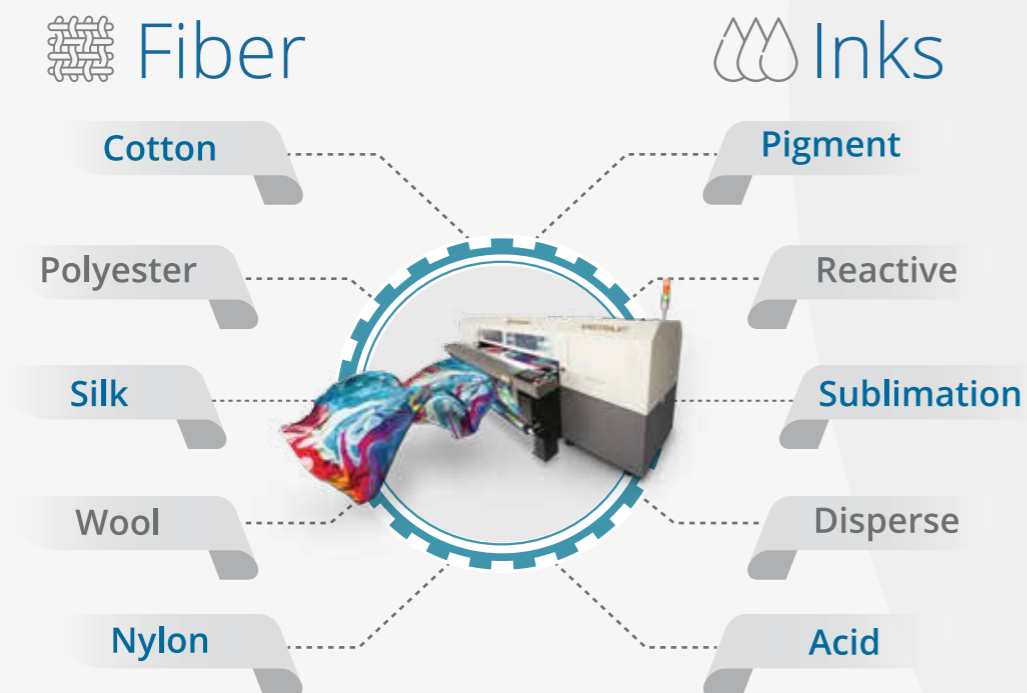


ColorJet Offers Complete Solution from Pre to Post Treatment in Digital Printing Workflow

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.



Multiple Digital Textile Printing - Versatile solutions across all printing needs



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.



VASTRAJET® K2

1.8 Mtr Direct To Fabric Printer

With a Massive Production Capacity of 5000 sqm/day

Our latest digital fabric printer **Vastrajet K2** is a great combination of high speed and high quality.

It is the best printing solution for businesses that want to experiment with different patterns and make the fabrics appealing with checks, stripes and geometric designs.

The machine delivers magnificent prints using the ColorJet Inks. It is available in the configuration of 32 industrial grade Konica Minolta Print Heads with a production speed of 269 sqm/hour and can seamlessly print 5000 Sqm/day.



EQUIPPED WITH EXCELLENT FEATURES



Efficient Ink Supply System

Sufficient ink supply to prevent ink starvation while printing at high-speed

Linear Motor

Allows precise carriage movement

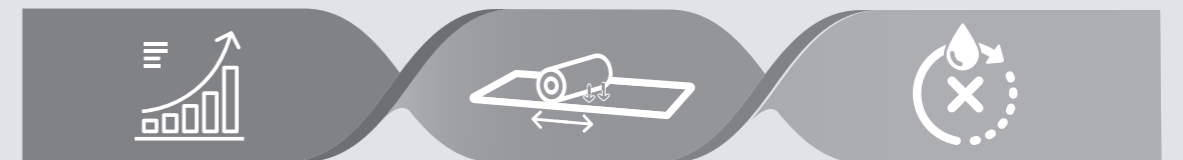
Gold Plated Metal Encoder

More precise ink jetting even at high speeds results in precision printing

5 Stages Water Efficient Fabric Handling Treatment

To ensure perfect and easy cleaning of the belt with improved water jet & zero moisture belt drying mechanism

ADVANCED PRINTING TECHNOLOGIES



Kiloton™

ColorJet introduces new Kiloton™ Technology in **Vastrajet K2**, which significantly extends the print head life

Osci+™

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

Purge+™

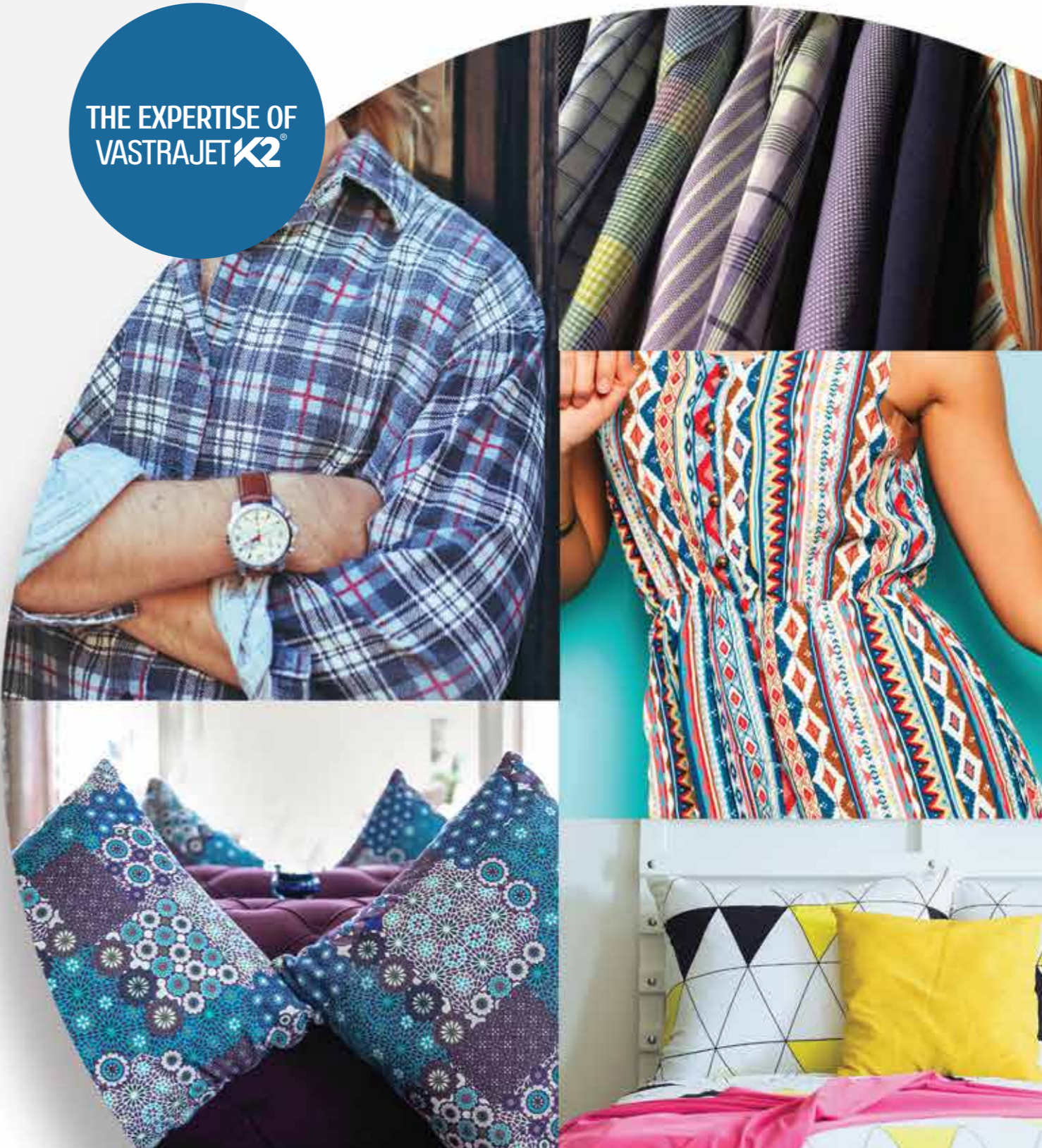
An ink-saving device that facilitates the removal of air bubbles by recirculating the ink into the circuit

A World-class Machine that Meets All the Needs of Textile Printing Businesses.

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, 10.5 KW Single / Three phase load distribution, 50Hz	
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

THE EXPERTISE OF VASTRAJET K2




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.**



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



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



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



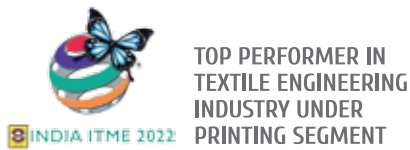
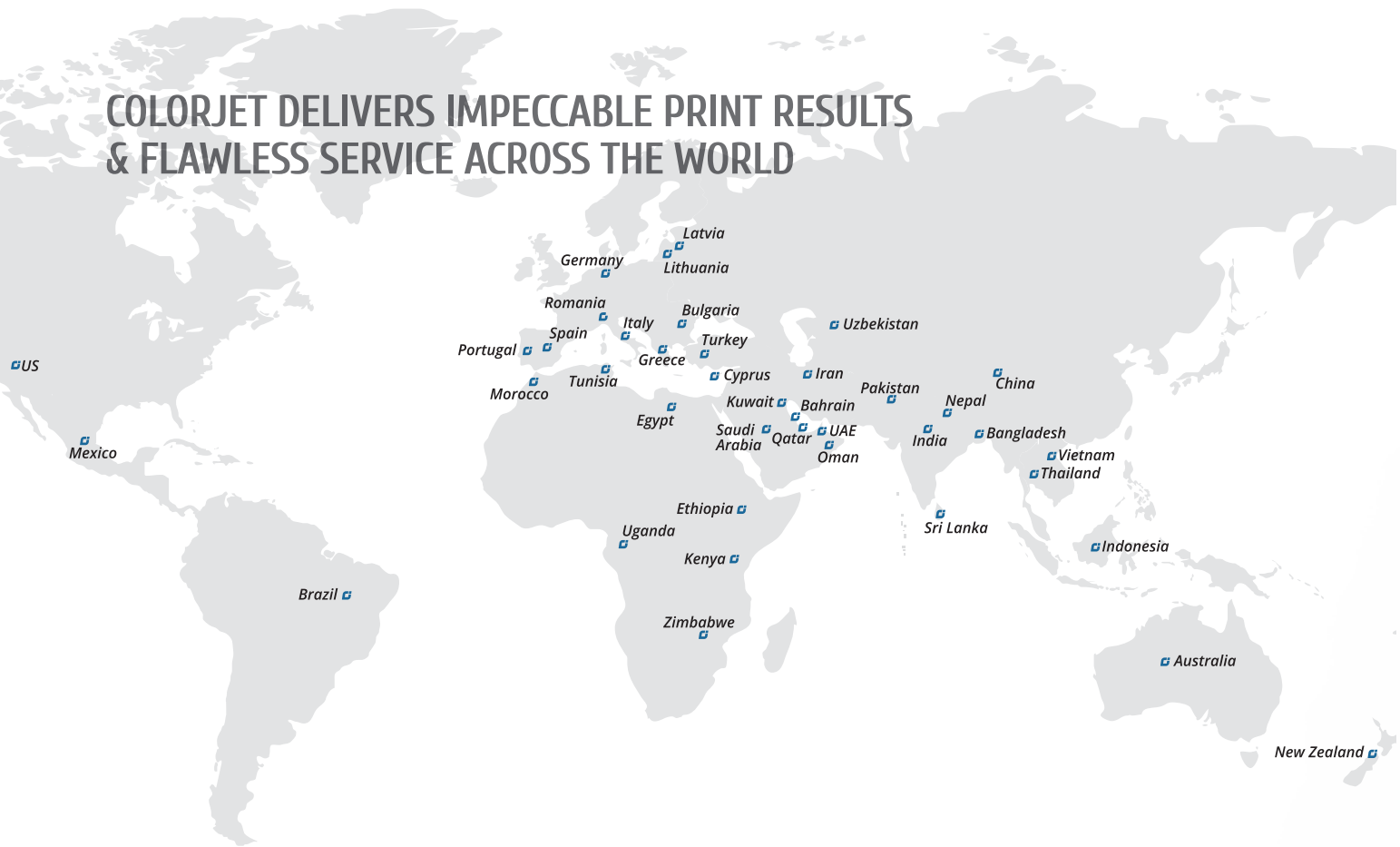
High Sense Paper Tension Regulator. It detects fluctuation in tension and corrects it almost instantly.



Osci 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.



COLORJET DELIVERS IMPECCABLE PRINT RESULTS & FLAWLESS SERVICE ACROSS THE WORLD



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