

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.



1

India's largest manufacturer of large format digital printers

2

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

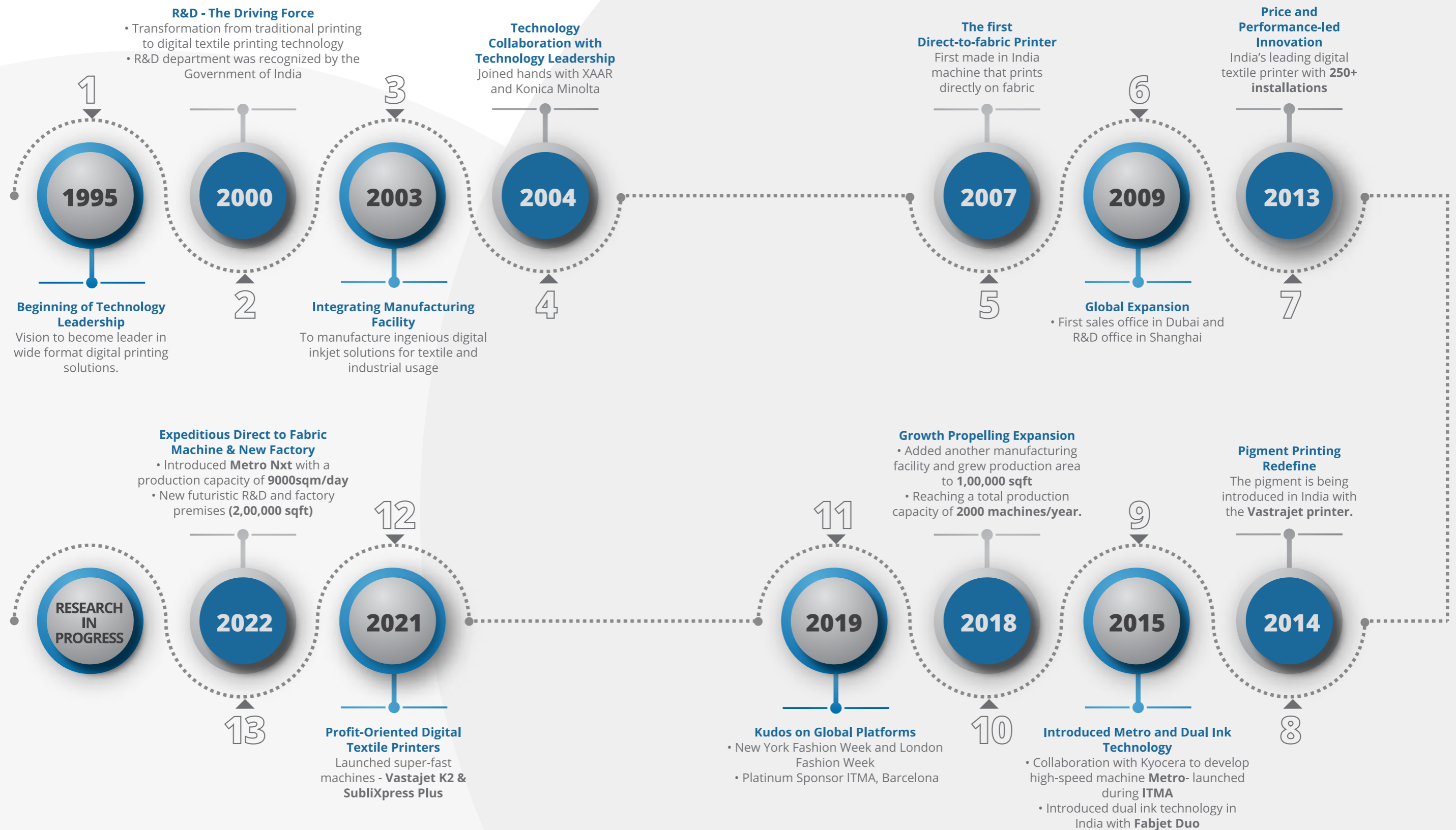
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20+ yrs of experience in wide format digital textile print technology

4

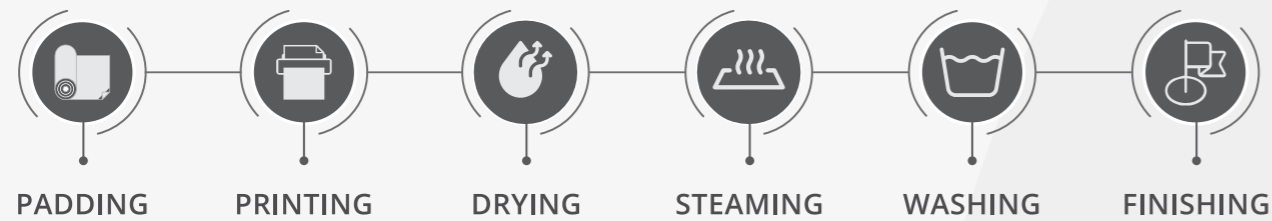
Offering complete solution from pre to post in digital textile printing process

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.



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

Multiple Digital Textile Printing - Versatile solutions across all printing needs



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.



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

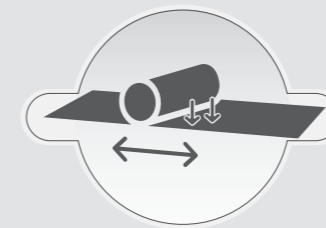


ON DEMAND CAPPING & WIPING SYSTEM USING HMI SCREEN:
To keep inks from drying in the print head & remove debris



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+™

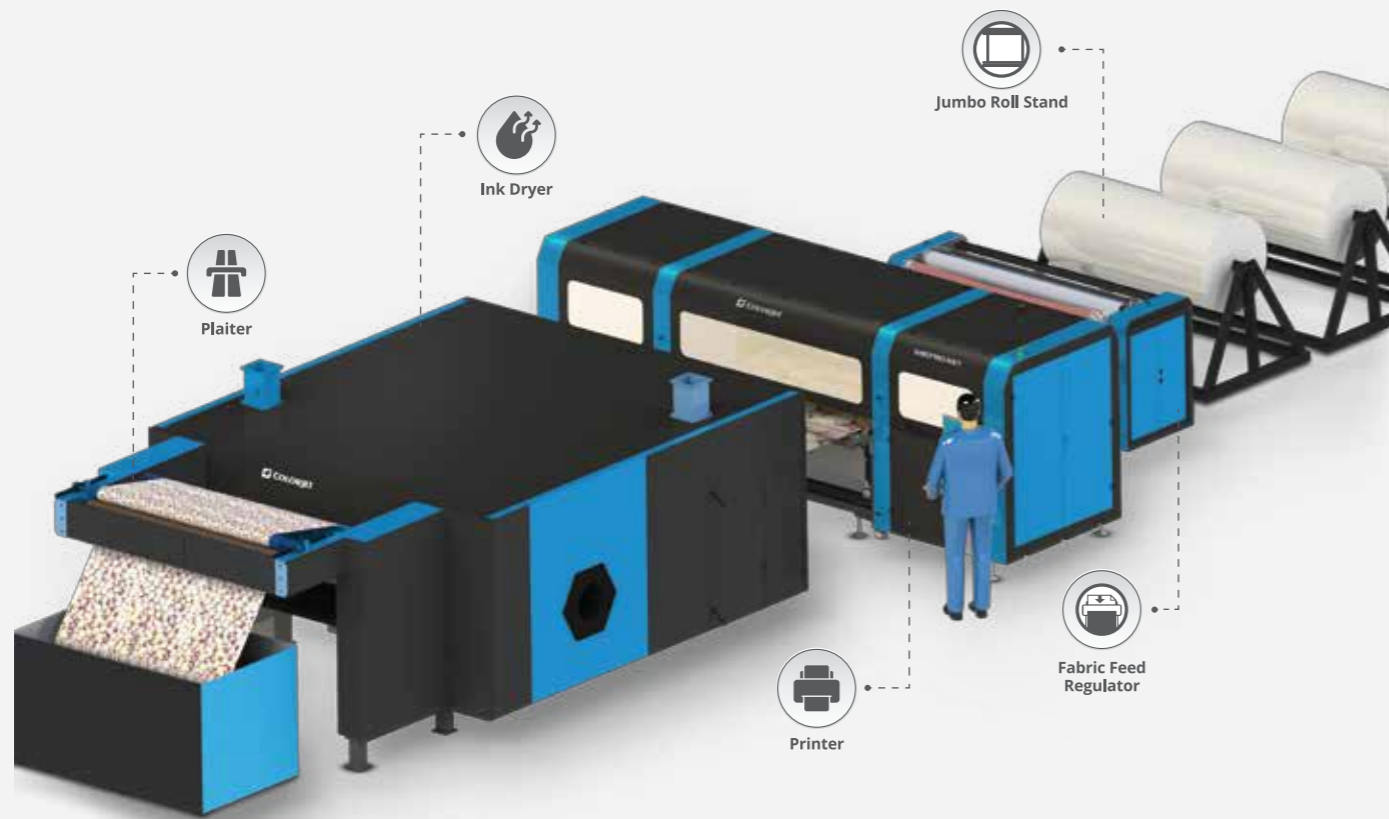
Osci plus™ precise rollers for efficient tension control & smooth fabric feeding, regardless of fabric parameters such as gsm, weave, crimp, elasticity, & skewness.



Purge+™

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

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



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

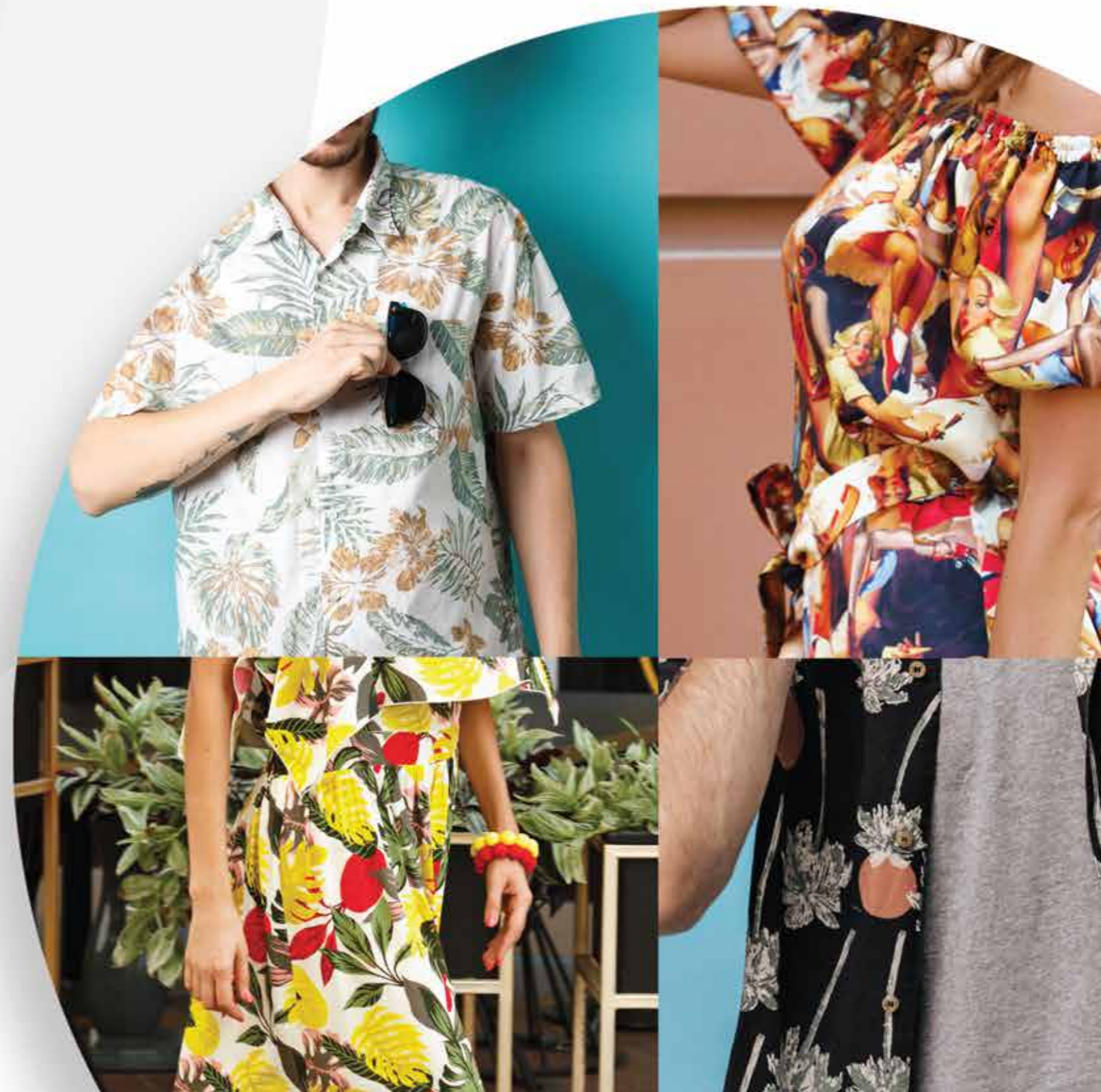
INDEPENDENT DRYER + PLAITER UNIT

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		
	CCure-50	CCure-100	CCure-200
Electricity load (up to)	14KW	48KW	72KW

*Optional

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



Faster, Reliable & a Perfect Fit for Industrial Production

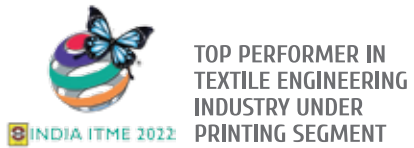
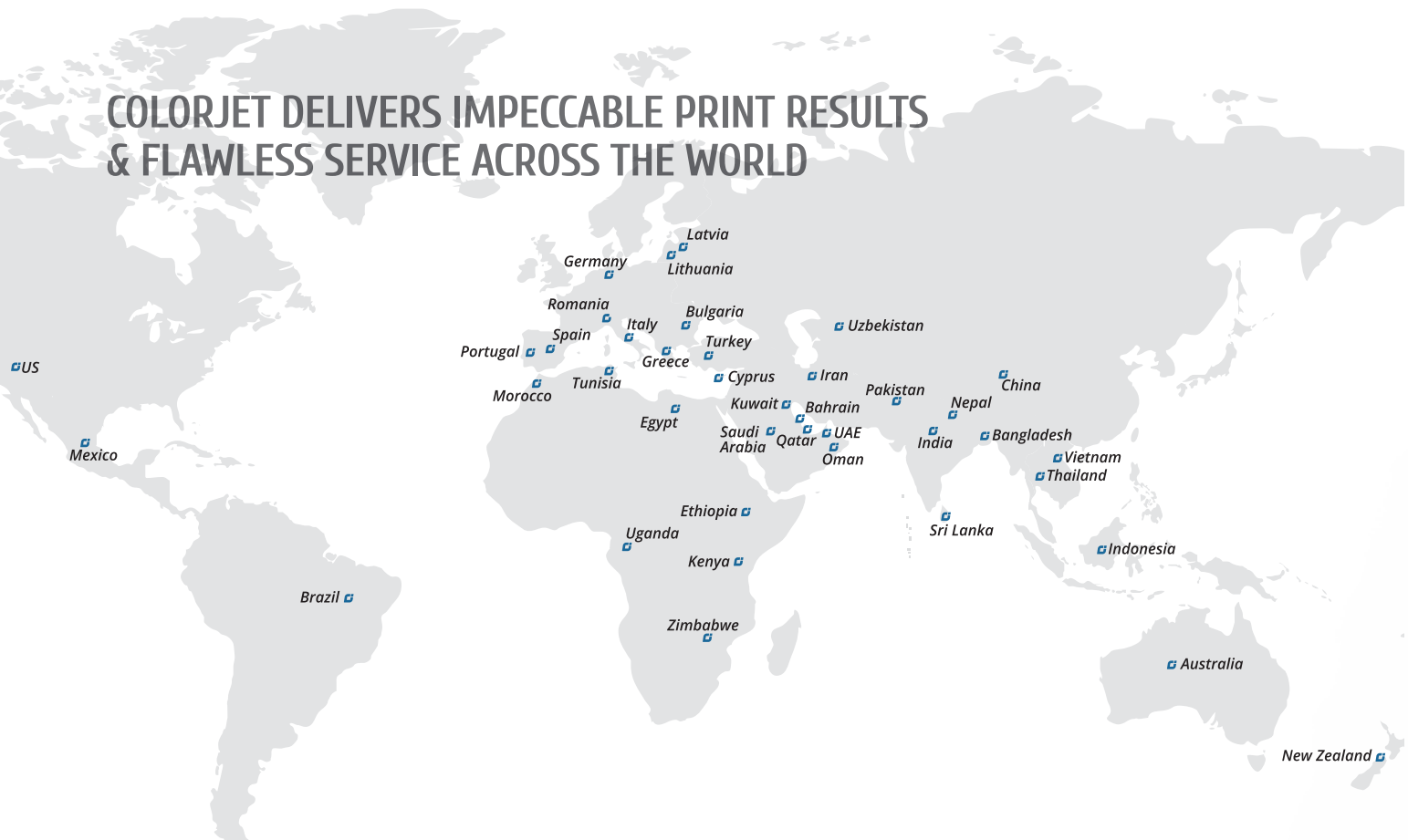
SPECIFICATIONS

METRO NXT							
CONFIGURATION		H8163		H8166		H8326	
Printing Technology		Drop-on-demand, Piezoelectric Inkjet					
No. of Print Heads		16 - 300 DPI		16 - 600 DPI		32 - 600 DPI	
No of Rows		4 Rows		2 Rows		4 Rows	
Print Heads	Type	Industrial Grade Jetting Assemblies					
	Resolution	Upto 2400 DPI					
	Height Adjustment	Upto 30 mm					
	Cleaning Method	Pressure Purge and Wiping					
	Wetting Control	Piezoelectric Actuators					
Ink	Types	Reactive / Disperse / Acid					
	No of colors	8		8		8	
	Supply	10 Ltr, bulk ink supply system with inline degassing					
Fabric	Max. Thickness	Upto 10 mm					
	Max/Printing Width	Upto 1800 mm					
	Feed Roll Diameter	Upto 400 mm					
Fabric Drying System		Infrared Heaters					
Printing Interface		USB 3.1					
Rip Software Supported		NeoStampa (Colorjet Edition)					
File Format		JPEG / TIFF / BMP / PDF (RGB / CMYK)					
Power Requirements(Machine + Feeder)		220 V, 14KW Single / Three phase load distribution, 50Hz					
Operating Conditions		Temperature: 24°C ± 4°C Humidity: 60% ± 10% RH					
Printer Dimension/Net weight		4898 x 2250 x 1850 mm (LxWxH) / 3250 Kg Approx.					
Dryer Dimensions/Net weight		2550 x 2050 x 1255 mm (LxWxH) / 700 Kg. Approx. /48KW					
Feeder Dimensions/Net weight		2482 x 820 x 1160 mm (LxWxH) / 720 Kg Approx.					
Speed (In Sq. Meter/Hrs)	Print DPI	Passes	H8163	H8166	H8326		
Mode 1	600 x 600	1	-	400	900		
Mode 2	600 x 1200	2	-	240	454		
Mode 3	600 x 1800	3	-	150	302		
Mode 4	600 x 600	2	450	-	-		
Mode 5	600 x 900	3	305	-	-		

THE SWIFTNESS OF
METRO NXT



COLORJET DELIVERS IMPECCABLE PRINT RESULTS & FLAWLESS SERVICE ACROSS THE WORLD



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