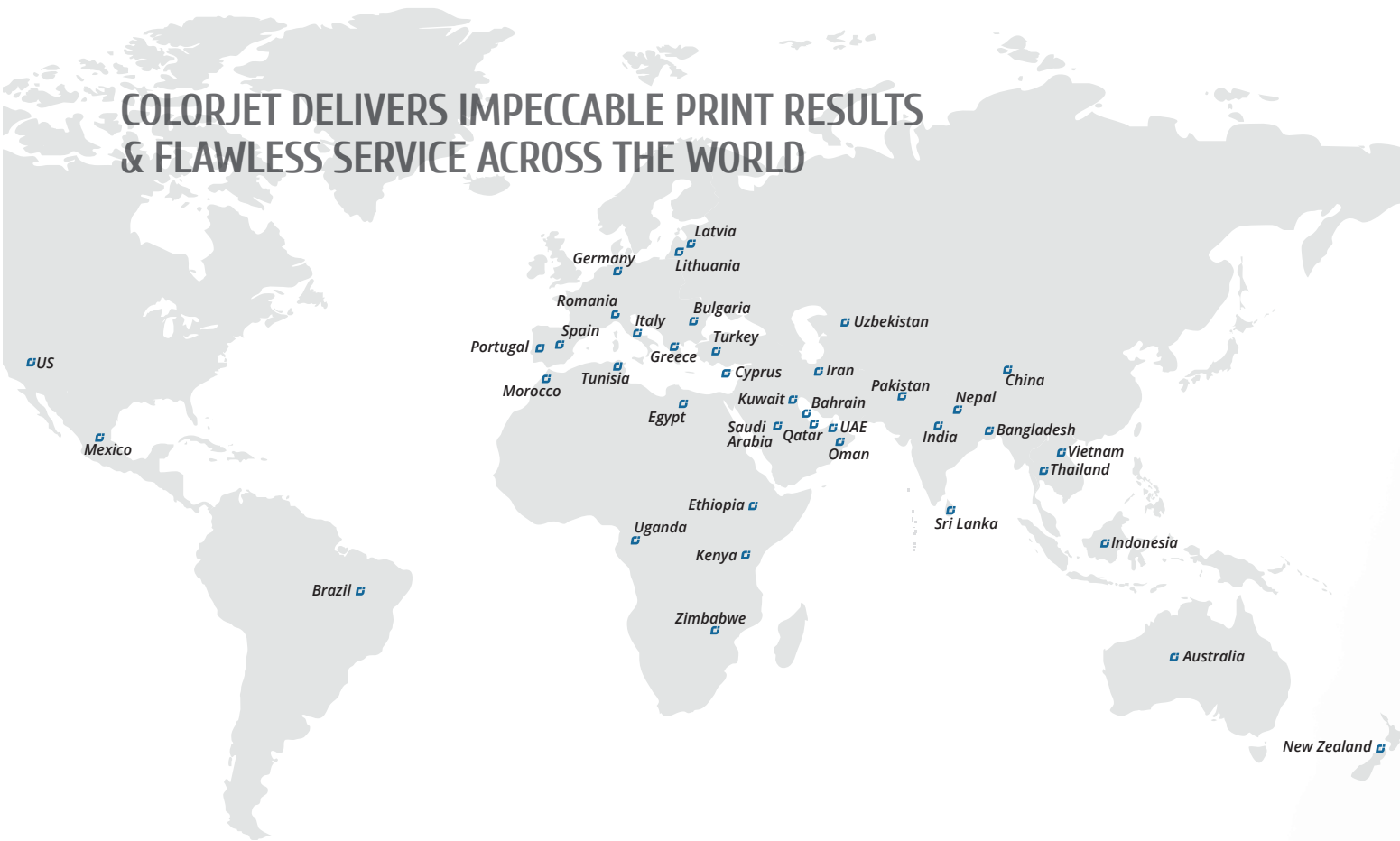
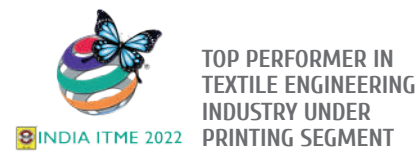


COLORJET DELIVERS IMPECCABLE PRINT RESULTS  
& FLAWLESS SERVICE ACROSS THE WORLD



# Sustainable Future of Textile Printing



SPECIAL EXPORT AWARD  
IN THE PROCESSING  
MACHINERY CATEGORY



RISING STAR OF  
ASIA AWARD



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



EXPORT  
PERFORMANCE  
AWARD



For more info,  
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## COLORJET GROUP

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Accessories shown along with different printers in this brochure are not part of standard equipment. The final results of ColorJet are purely indicative and non-binding. Alterations and amendments can occur in specifications, materials or accessories without prior notice. Periodic maintenance is important for best quality output. ColorJet shall not be liable for any special or consequential damages that result from the use of, or the inability to use, the materials or the performance of the products. All trademarks, logos, symbols and designs depicted / mentioned in this brochure are trade names, trademarks and copyrights of their respective brand owners.



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# 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.

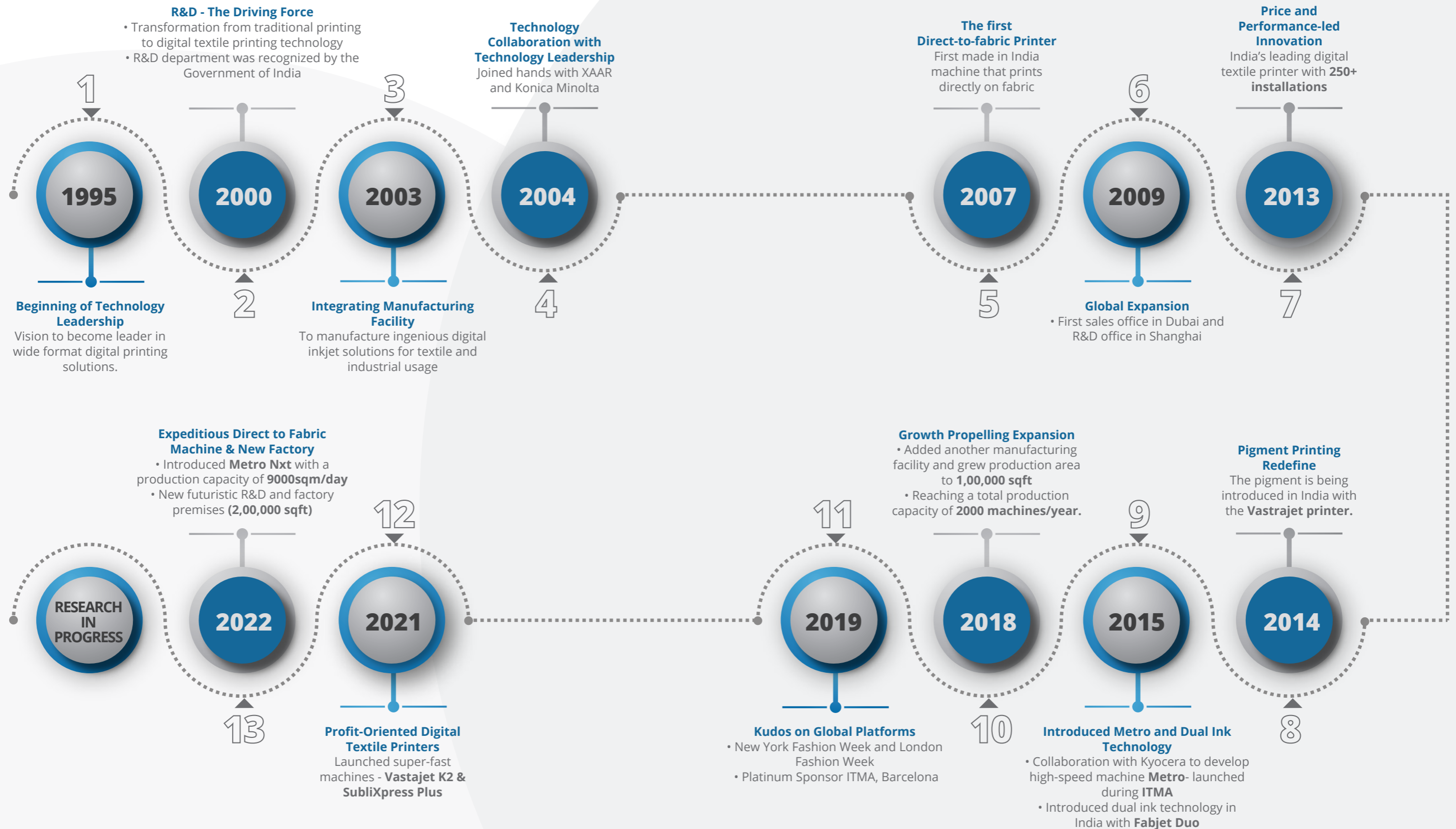
ColorJet has a global presence. Over 4000 machines have been installed across 450 cities, and its benchmarked performance parameters have established it as a highly reputed and chosen brand worldwide, encouraging ColorJet to compete with the best.

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.



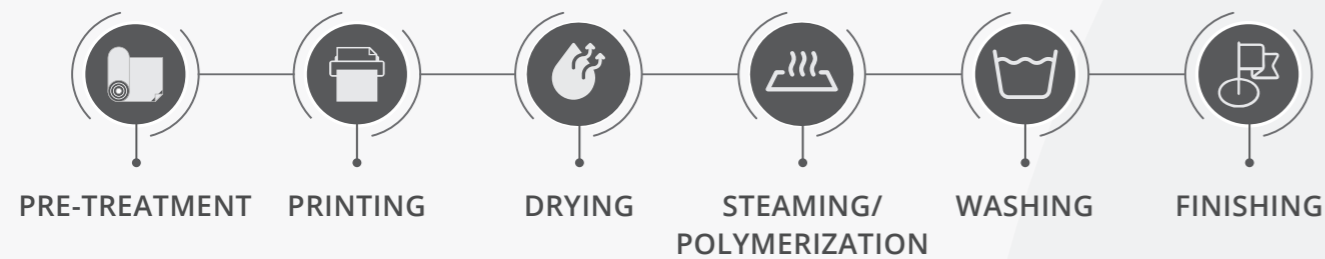
- 1 India's largest manufacturer of large format digital printers
- 2 R&D department recognised by Ministry of Science & Technology, Govt. of India
- 3 20+ yrs of experience in wide format digital textile print technology
- 4 Offering complete solution from pre to post in digital textile printing process

# TIMELINE OF SUCCESS



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

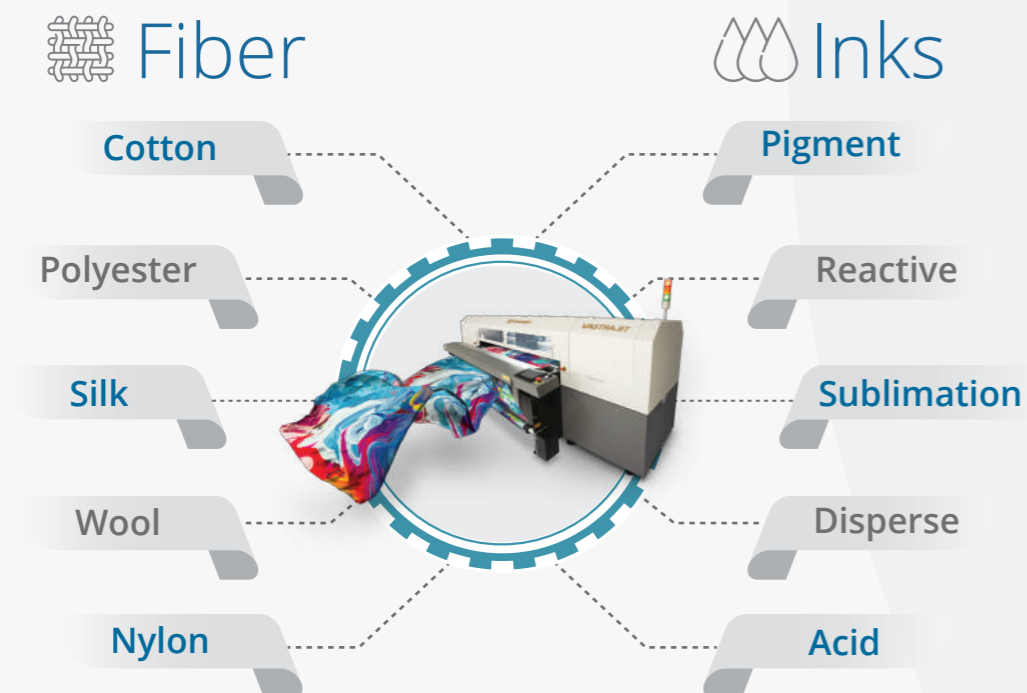
ColorJet offers hassle free textile printing process from Multi Chamber Stenter for Chemical Padding, Digital Printer, Star Ager / Loop Ager for proper Steaming & Curing, Print Washing Range to get the washing done on printed fabric, Hydro Extractor for water removal & Vertical Cylinder Dryers for final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



# FABJET GRAND/DUO

3.2 Mtr Direct To Fabric Printer

## Great Solutions for Wider Width Applications

**FABJET GRAND** is the ideal direct-to-fabric printing solution for creating large customised patterns for the home furnishings business. Heavy duty design with rigid structure makes the machine suitable for rigorous shop floor operating conditions.

**FABJET-DUO** is conceptualised to address the need for a printer that can work with two different inks. The two-in-one printing machine has a dual ink supply system which allows switching between any two types of inks with the flick of a switch. So, now you can use the same machine to print drapes woven with polyester filament yarn or high thread count sheetings woven in cotton yarn, for example.



### PRINT SYSTEM

- With 8 & 16 Industrial grade jetting assemblies for long service life
- Proprietary AIVC technology for consistent print quality even under varying ambient conditions
- Supports binary 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 actuations to keep inkjet nozzles adequately hydrated when idle

### FABRIC FEED AND TAKE-UP SYSTEM

- Fabric roll is mounted on air inflatable shaft
- Fabric feed is through dancing bar and guide rolls to maintain fabric tension from start to finish
- Heavy duty rubber roll with pneumatically loaded press roll pulls and holds the fabric in place for printing
- Front roll moves with the feeding rubber roll for smooth movement of fabric

### INFRARED DRYER

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

- Quick response pumps to avoid ink starvation during printing
- Low ink warning for operator attention
- On the fly ink refill
- 2.5 litre ink tanks for long ink refilling cycles
- Advanced degassing and de-bubbling avoids head blockage during high speed printing
- Inline filters for keeping out impurities or larger particles from print head
- Block of 4 heads connected to one ink system or the other (For Fabjet Duo Only)

# Unbeatable for Both Short-Runs & Mass Production Applications

## SPECIFICATIONS

CONFIGURATION			FABJET GRAND			FABJET DUO
			P4824	P8824	P8164	N4824
Printing Technology			Drop-on-demand, Piezoelectric Inkjet			
No. of Print Heads			8	8	16	8
Print Heads	Type	Industrial Grade Jetting Assemblies				
	Resolution	Upto 1440 DPI				
	Height Adjustment	Upto 10 mm				
	Cleaning	Pressure Purge and Wiping				
	Wetting Control	Piezoelectric Actuators				
Ink	Types	Reactive / Disperse / Pigment / Acid				
	No of colors	4	8	8	4	
	Supply	2.5 Ltr, Bulk ink Supply System with inline degassing				
Fabric	Type	Cotton, Viscose, Polyester, Polyamide, Silk, Wool				
	Max. Thickness	Upto 5 mm				
	Fabric Width	3220 mm			2500 mm	
	Printing Width	Upto 3200 mm			Upto 2500 mm	
	Roll Width	400 mm				
Fabric Drying System			Infrared Heaters			
Operating Interface			Touch Screen			
Printing Interface			High Speed USB			
Rip Software Supported			NeoStampa (Colorjet Edition)			
File Format			JPEG / TIFF / BMP / PDF (RGB / CMYK)			
Power Supply			220 V, 7.5 KW Single / Three phase load distribution, 50Hz			
Operating Conditions			Temperature: 24± 4°C, Humidity: 60± 5% RH			
Printer Dimension/Net Weight			5300 mm x 1440mm x 1650 mm (LxWxH) / 1800 kg Approx.			
Speed (In Sq. Meter/Hrs)	Print DPI	Passes	P4824	P8824	P8164	N4824
Mode 1	540 x 720	2	167	98	165	-
Mode 2	540 x 1080	3	116	68	114	-
Mode 3	540 x 1440	4	87	51	85	-
Mode 4	540 x 1080	6	58	34	56	-
Mode 5	540 x 1440	8	46	27	44	-
Mode 1	360 x 1080	3	-	-	-	62
Mode 2	360 x 720	4	-	-	-	46
Mode 3	720 x 720	4	-	-	-	49
Mode 4	720 x 540	6	-	-	-	26
Mode 5	720 x 720	8	-	-	-	24

