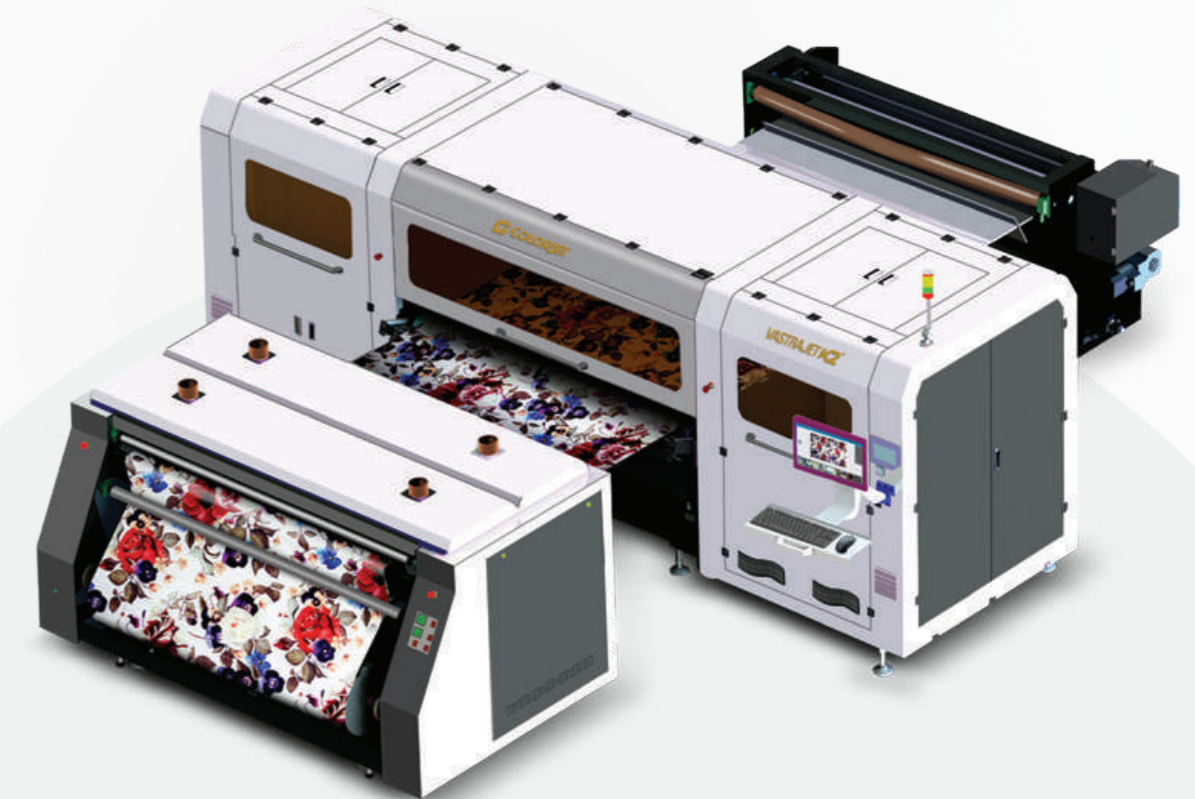


COLORJET DELIVERS IMPECCABLE PRINT RESULTS
& FLAWLESS SERVICE ACROSS THE WORLD

COLORJET
Digitalizing Textile Printing



Sustainable Future of Textile Printing



COLORJET GROUP

INDIA : A-6&7, In Front Of Samsung Display Unit, Sector-81, Noida-201305 (U.P.), INDIA. T +91 7217 885 728
 DUBAI : Block-A, Office No: 115, Hamsah Building, Karama, P.O. Box: 123360, Dubai-UAE. T 00971 43961744
 info@colorjetgroup.com | www.colorjetgroup.com

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.



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.

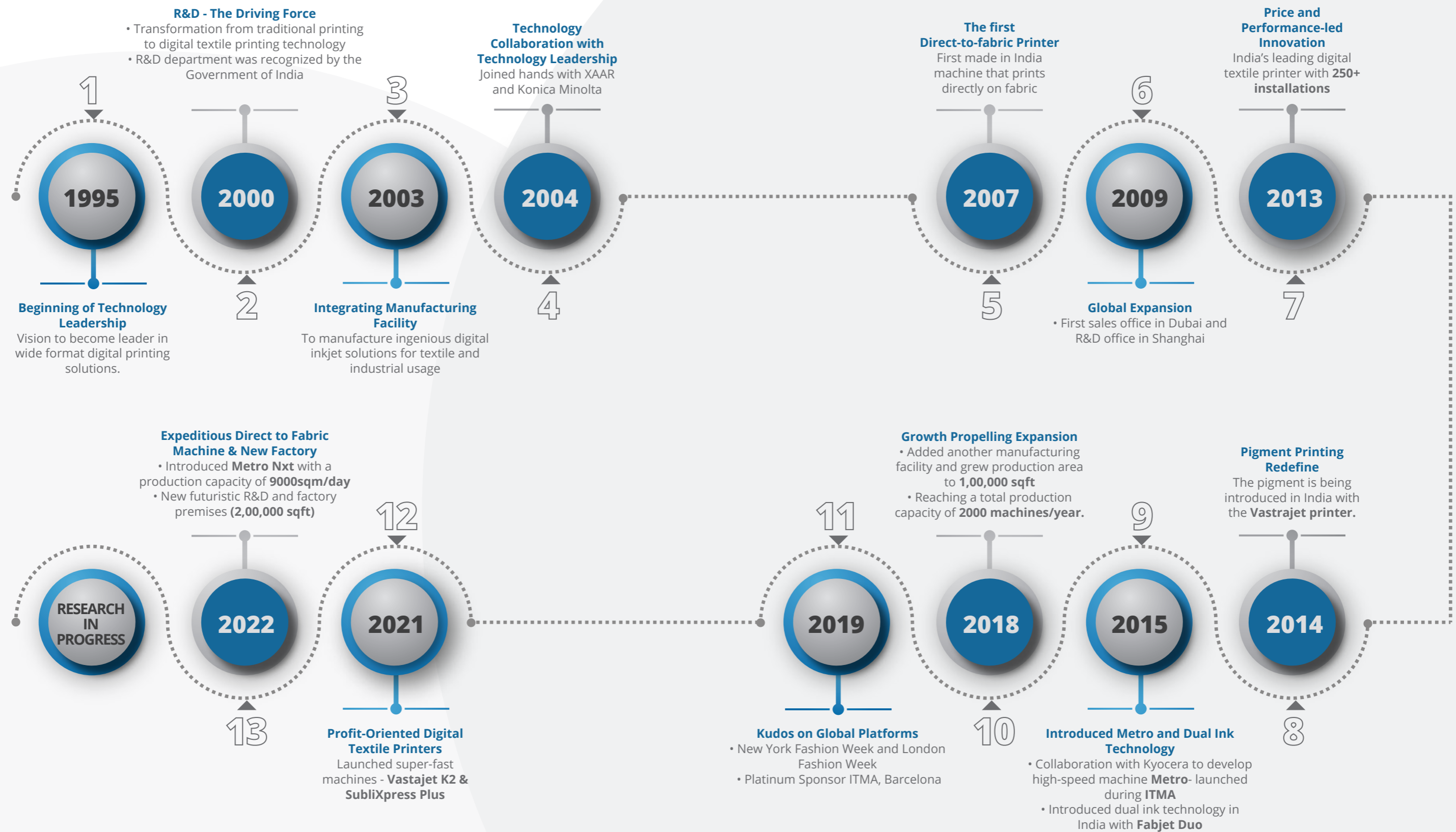
ColorJet has a global presence. Over 5000 machines have been installed across 450 cities, and its benchmarked performance parameters have established it as a highly reputed and chosen brand worldwide, encouraging ColorJet to compete with the best.

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.



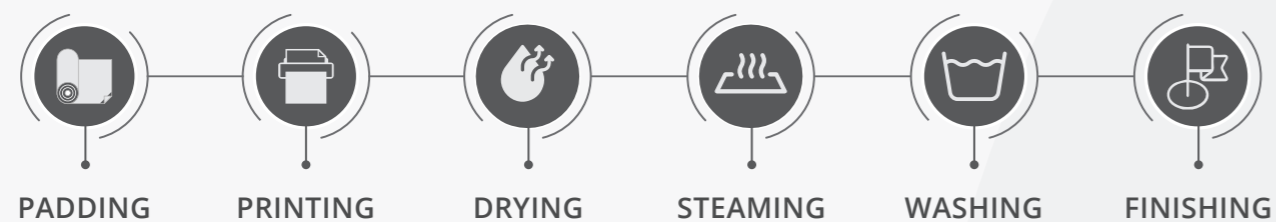
- 1 India's largest manufacturer of large format digital printers
- 2 R&D department recognised by Ministry of Science & Technology, Govt. of India
- 3 20+ yrs of experience in wide format digital textile print technology
- 4 Offering complete solution from pre to post in digital textile printing process

TIMELINE OF SUCCESS

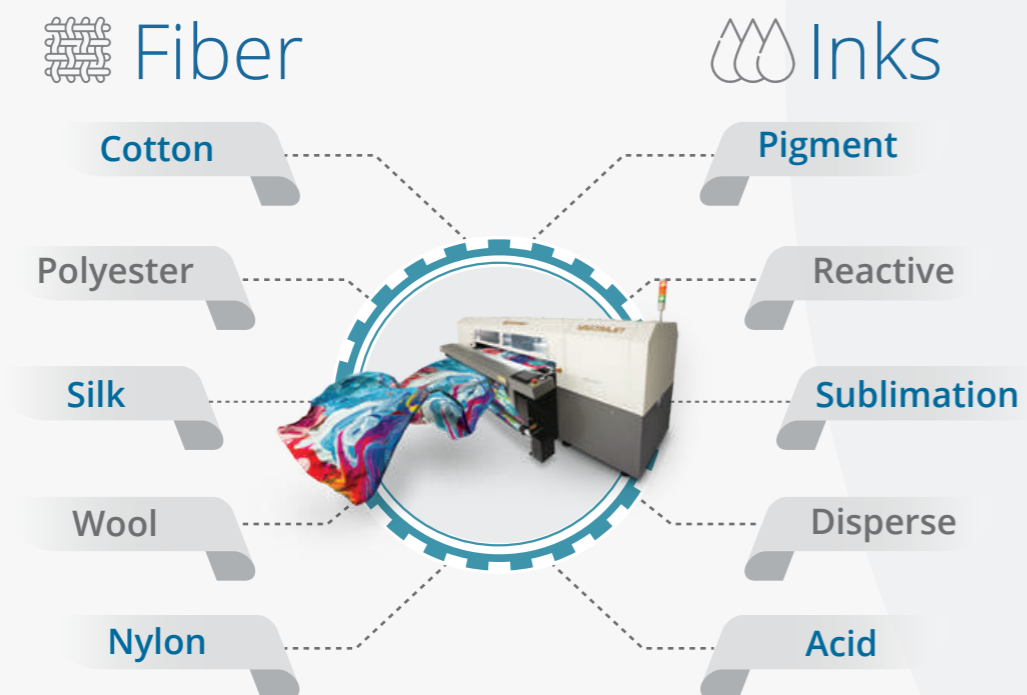


ColorJet Offers Complete Solution from Pre to Post Treatment in Digital Printing Workflow

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.



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 truly sustainable and responsible textile 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.



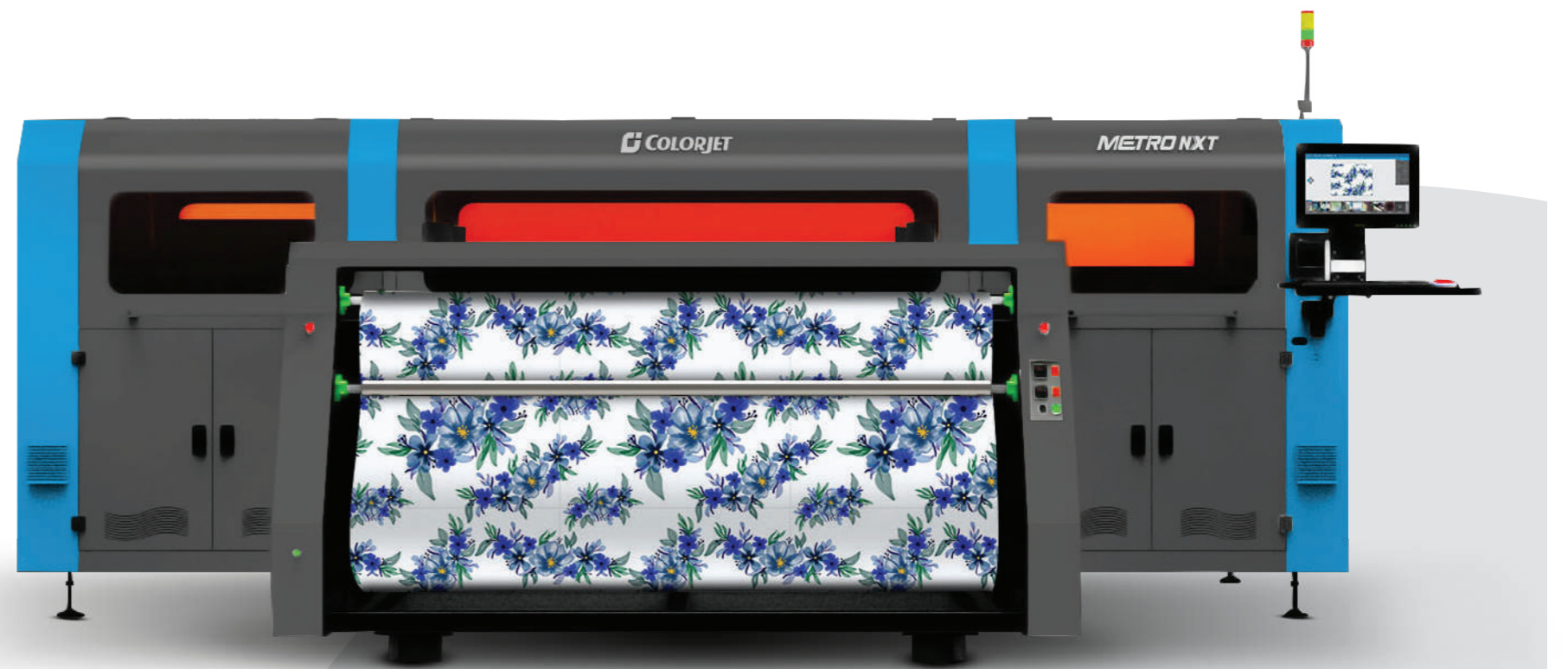
METRO NXT

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

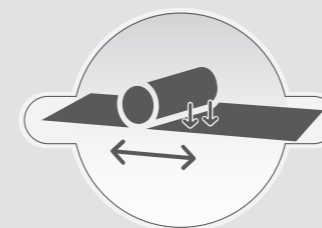


ON DEMAND CAPPING & WIPING SYSTEM USING HMI SCREEN:
To keep inks from drying in the print head & remove debris



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+™

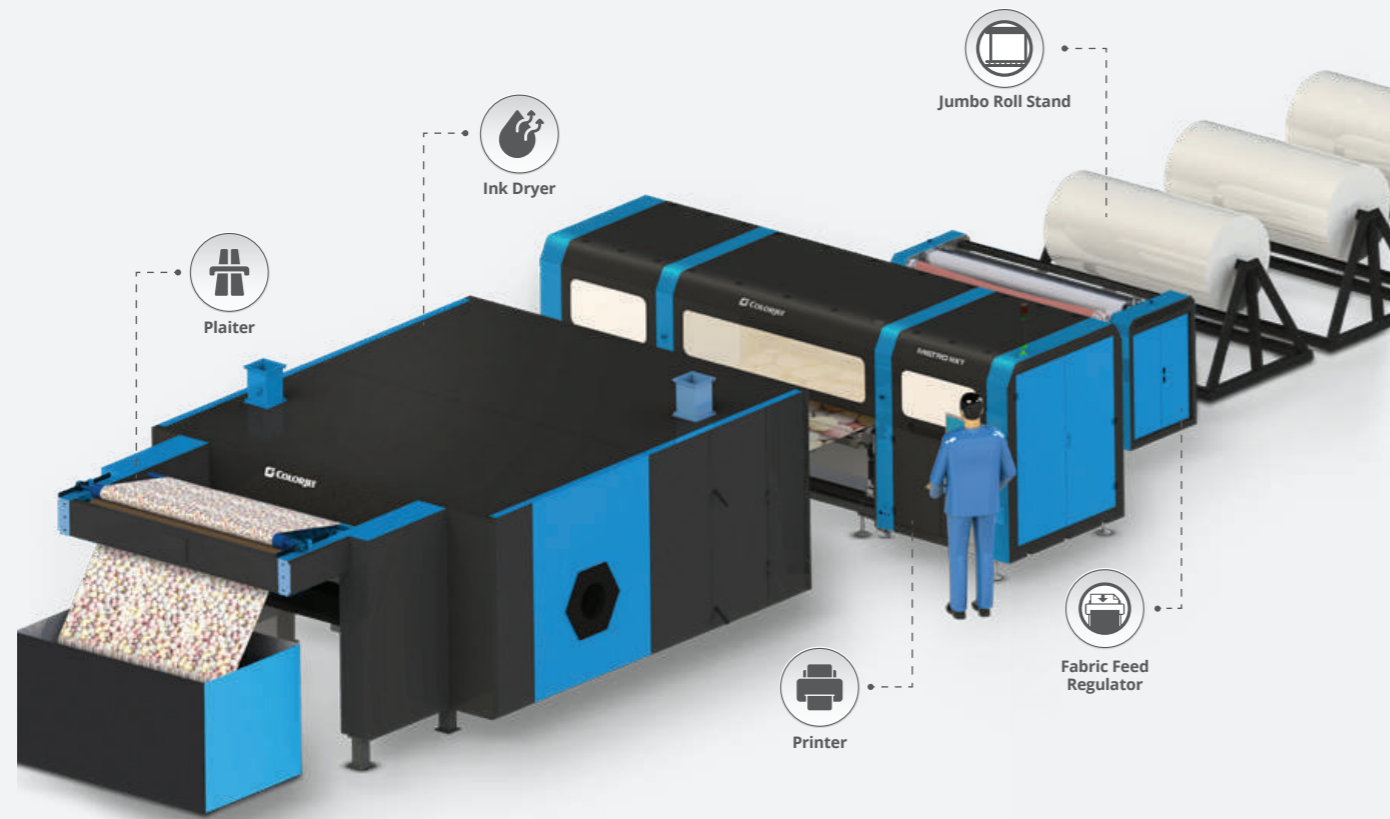
Osci plus™ oscillating pressure rollers for efficient tension control & smooth fabric feeding, regardless of fabric parameters such as gsm, weave, crimp, elasticity, & skewness.



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.

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



VASTRAJET® K2

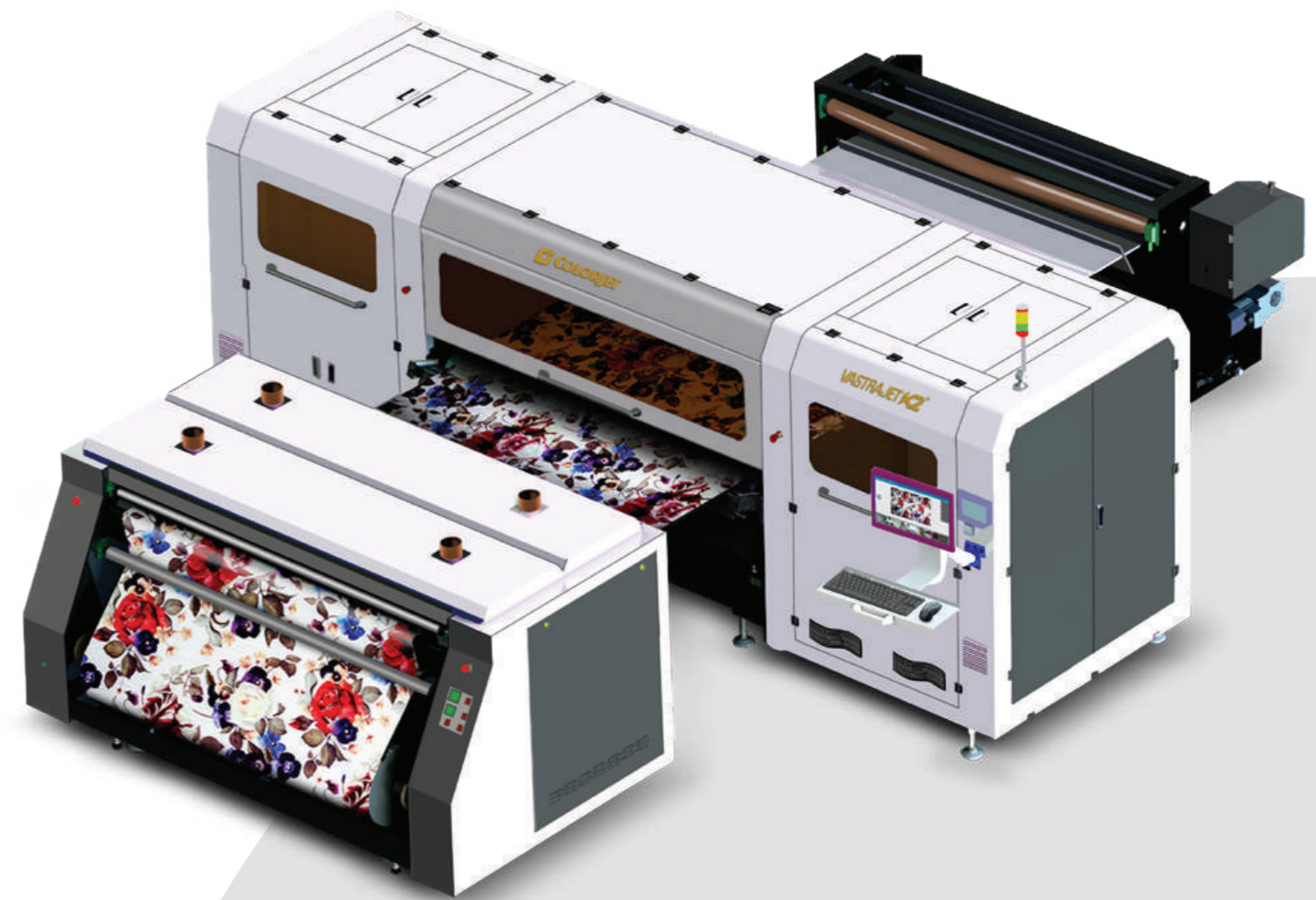
1.8 Mtr Direct To Fabric Printer

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™ oscillating pressure rollers for efficient tension control and smooth fabric feeding, regardless of fabric parameters such as gsm, weave, crimp, elasticity, and



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, 12.5 KW Single / Three phase load distribution, 50Hz	
Operating Conditions		Temperature: 24°C ± 4°C Humidity: 60% ± 10% RH	
Printer Dimension / Net Weight		2330 x 4898 x 1850 mm (LxWxH) / 3250 Kg Approx.	
Dryer Dimension / Net Weight / KW		1500 x 2600 x 1250 mm (LxWxH) / 800 Kg Approx. / 14 KW	
Feeder Dimension / Net Weight		820 x 2503 x 1200 mm (LxWxH) / 720 Kg Approx.	
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

* Dryer - C-Dry 50

THE EXPERTISE OF
VASTRAJET K2



VASTRAJET®

1.8 Mtr Direct To Fabric Printer

With a Massive Production Capacity of 3000 sqm/day

VASTRAJET is a workhorse of the fashion industry when it comes to creating unique & vibrant designs.

The machine comes with maximum capabilities and applications for maximum business & can effortlessly print on most elastic or sheer fabrics.

Heavy-duty design with a rigid structure makes the machine suitable for rigorous industrial operating conditions.



PRINT SYSTEM

- With 8/16 Industrial grade jetting assemblies for long service life
- Proprietary AIVC technology for consistent print quality matching samples to production across Vastrajet lines.
- Supports binary and variable drop printing to produce sharp images, vivid colours large gamut and gradations effects
- Capping station and piezoelectric actuations to keep inkjet nozzles always ready & protected when idle.
- Inbuilt humidifier to keep print head protected & ready for best performance.

FABRIC FEED AND TAKE-UP SYSTEM

- Fabric unwinding regulated to keep constant tension from start to finish
- Adhesive conveyor belt ensures fabric flatness and in place for accurate printing and prevent creases in fabric while printing.
- Winding with torque motor for continual unattended printing of fabric rolls

FABRIC HANDLING TREATMENT

- Equipped with water jets and brush roller to wash excess ink and lint
- Super absorbent roller to ensure removal of residual moisture
- Belt dryer ensures that completely dry belt surface is available for fresh fabric feed

INFRARED DRYER

- Compact inbuilt infrared dryer for quick drying of printed ink on fabric
- Uses power efficient radiation for minimal heat dissipation into 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
- On the fly ink refill
- 3.9 litre ink tanks for long ink refilling cycles
- Advanced degassing and de-bubbling - removes bubbles that may have formed during ink refills; avoids head blockage during high speed printing
- Inline filters ensures right ink viscosity prevent impurities freeing elements & large particles making perfect print conditions & safe gaurd print head (or prolong printhead life).

Max Capabilities & Applications for Max Business

SPECIFICATIONS

VASTRAJET								
CONFIGURATION			C4812	C8812	C4824	C8824	C8164	
Printing Technology			Drop-on-demand, Piezoelectric Inkjet					
No. of Print Heads			8	8	8	8	16	
Print Heads	Type	Industrial Grade Jetting Assemblies						
	Resolution	Upto 1440 DPI						
	Height Adjustment	Upto 10 mm						
	Cleaning Method	Pressure Purge and Wiping						
	Wetting Control	Piezoelectric Actuators						
Ink	Type	Reactive / Disperse / Acid						
	No of colors	4	8	4	8	8		
	Supply	3.9 Ltr, bulk ink supply system with inline degassing						
Fabric	Type	Cotton, Viscose, Polyester, Polyamide, Silk, Wool						
	Max. Thickness	Upto 5 mm						
	Fabric Width	1800 mm						
	Printing Width	Upto 1800 mm						
	Roll Diameter	Upto 450 mm						
Fabric Drying System			Infrared Heaters					
Operating Interface	High Speed USB 3.2		Touch Screen					
Printing Interface			2.0	2.0	2.0	2.0	3.1	
Rip Software Supported			RIP Master or NeoStampa (ColorJet Edition)					
File Format			JPEG / TIFF / BMP / PDF (RGB / CMYK)					
Power Supply			220 V, 8 KW Single / Three phase load distribution, 50Hz					
Operating Conditions			Temperature: 24°C ± 4 Humidity: 60% ± 5% RH					
Printer Dimension/Net Weight			1780mm x 3813mm x 1640mm (LxWxH) / 1200 kg Approx.					
Speed (In Sq. Meter/Hrs)	Print DPI	Passes	C4812	C8812	C4824	C8824	C8164	
Mode 1	360 x 360	2	116	68	-	-	-	
Mode 2	360 x 540	3	90	53	-	-	-	
Mode 3	360 x 720	4	63	37	-	-	-	
Mode 1	540 x 720	2	-	-	161	87	145	
Mode 2	540 x 1080	3	-	-	98	59	100	
Mode 3	540 x 1440	4	-	-	75	43	76	
Mode 4	720 x 720	4	-	-	65	35	58	
Mode 5	720 x 1080	6	-	-	38	23	39	
Mode 6	720 x 1440	8	-	-	31	18	32	

THE FLAMBOYANCE
VASTRAJET®



For more info,
scan QR code



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 actuators 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

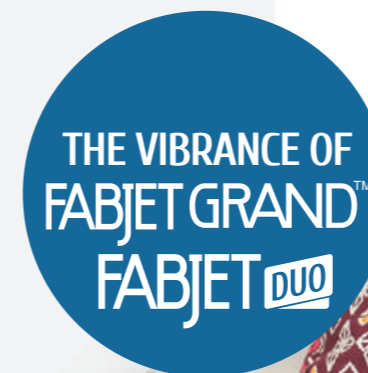
- Quick response pumps to avoid ink starvation during printing
- Low ink warning for operator attention
- On the fly ink refill
- 2.5 litre ink tanks for long ink refilling cycles
- Advanced degassing and de-bubbling avoids head blockage during high speed printing
- Inline filters for keeping out impurities 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 Upto	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, 8 KW Single / Three phase load distribution, 50Hz			
Operating Conditions			Temperature: 24°C ± 4 Humidity: 60% ± 5% RH			
Printer Dimension/Net Weight			2100mm x 5300mm x 1650mm (LxWxH) / 2000 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



SubliXpress Plus

1.95 Mtr Industrial Sublimation Printer

With a Massive Production Capacity of 9000 sqm/day

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



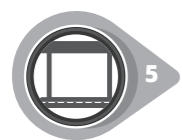
LEAF CLAMPS – Polished steel clamps placed at either side to prevent paper edges from curling



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



GOLD PLATED METAL ENCODER – More precise ink jetting at high speeds and 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 during calibration

SPECIFICATIONS

SubliXpress Plus						
Models		T4406	T8403 / T6303	T4806	T8803 / T6603	
Printing Technology		Drop on demand, Piezo Electric Inkjet				
Type of Print head		600dpi	300dpi	600dpi	300dpi	
No. of Print Heads		4	4/3	8	8/6	
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 actuators				
	Types	Dye Sublimation water based Inks				
Inks	No. of Color	4	8/6	4	8/6	
	Ink Colors	CMYK	CMYK, Blue, Orange, Fluorescent Yellow, Fluorescent Magenta	CMYK	CMYK, 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, 8KW, 50 / 60 Hz				
Printer Dimension/Net Weight		1235 mm x 4052 mm x 1808 mm (LxWxH), 1550 Kg				
Feeder Dimension/Net Weight		1118 mm x 2415 mm x 1050 mm (LxWxH), 376 Kg				
Operating Conditions		Temperature: 24°C ± 4 Humidity: 60% ± 5% RH				
Speed (In Sq. Meter/Hr)	Print DPI	Passes	T4406	T8403/T6303	T4806	T8803/T6603
Mode 1	488 x 300	1	-	251	-	457
Mode 2	488 x 600	2	-	167	-	303
Mode 3	488 x 900	3	-	122	-	221
Mode 4	480 x 1200	4	-	91	-	165
Mode 5	488 x 600	1	311	-	450	-
Mode 6	488 x 1200	2	170	-	300	-
Mode 7	488x 1800	3	112	-	218	-

Jumbo Roll Feed System is Optional*

COLORJET
Digitalizing Textile Printing

For more info,
scan QR code



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

THE COMPETENCE OF
SubliXpress PLUS



Advanced Printing Technologies

Innovative Digital Textile Printing Technologies introduced by ColorJet for Incomparable Outputs.



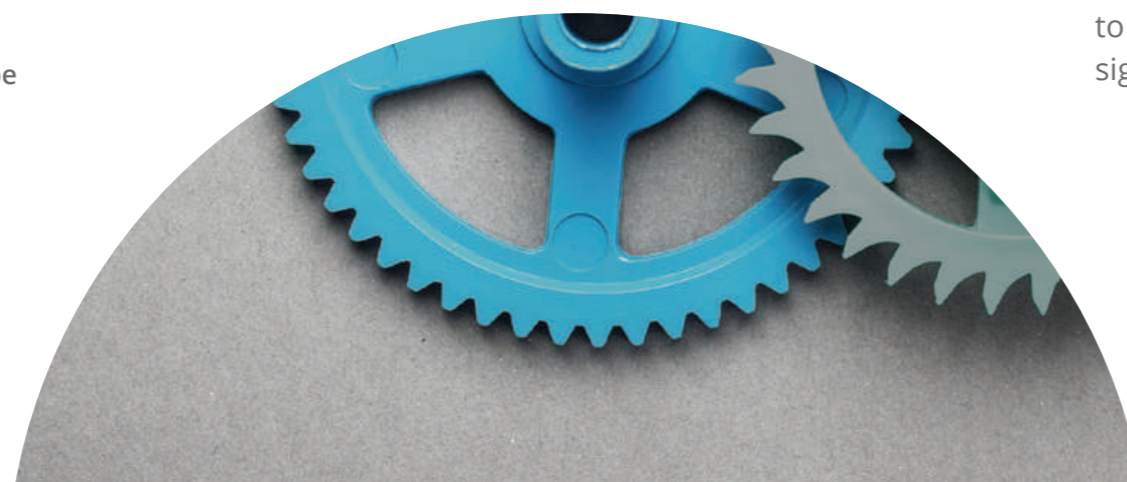
The **ColorJet AiS™** lowers the cost of operation and provides the customer flexibility to use ink of its own choice to fulfill multiple purpose.

- 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
- Built to ensure accuracy of every micron
- Have functional structures designed & manufactured from aeronautical - grade hard-anodized aluminum
- Optimal performance from concept to design to prototype to production stages
- Highest standard of aluminum and CNC
- 8 stage preparation process of design, chemical treatment, powder coating and paint
- QA processes to ensure error-free performance



Xactcolor™ was born after extensive continuous research & Development as a response to the problems that emerged from the market and keep updated in pushing the limits. Irrespective of temperature & humidity, variety of Inks, padding, fabric material & textures, this technology matches the same colour across all printers from the house of ColorJet.

- 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™ oscillating pressure 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.