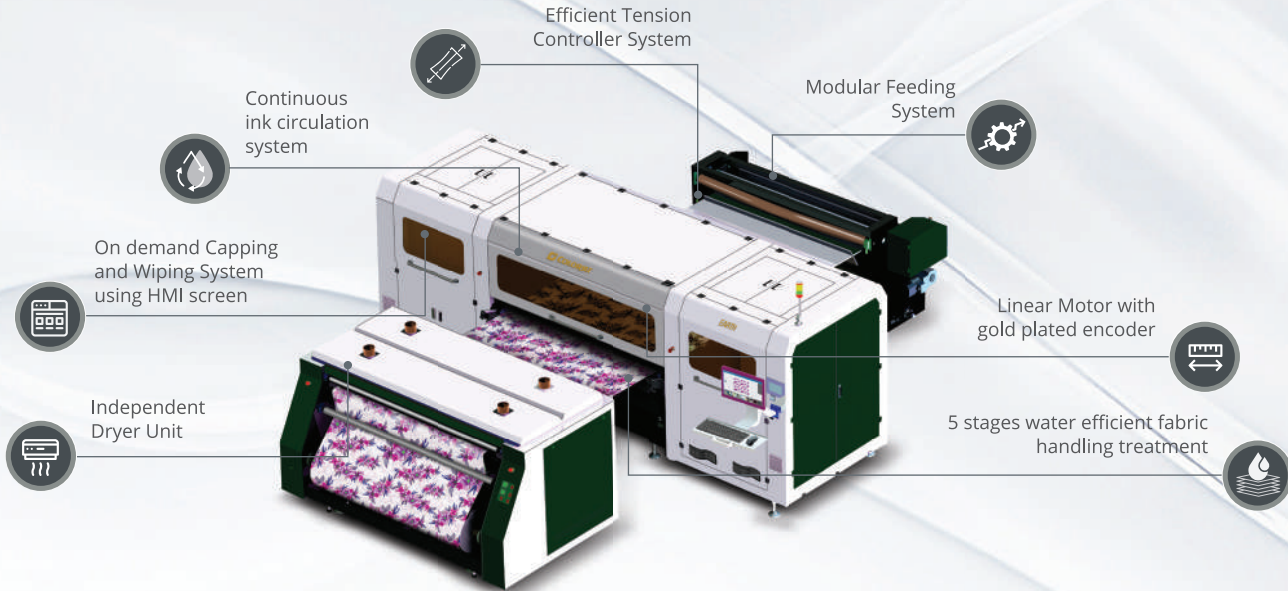


## COLORJET EARTH SOLUTION



INTRODUCING THE FUTURE OF  
**SUSTAINABLE DIGITAL TEXTILE PIGMENT PRINTING**

# SUSTAINABLE TEXTILE PRINTING PROCESS ENABLED BY COLORJET EARTH PIGMENT SERIES



## THE EARTH SERIES IS A GREAT COMBINATION OF SUSTAINABILITY, QUALITY, PERFORMANCE, SPEED, AND NATURAL RESOURCE CONSERVATION.

It is the best printing solution for businesses with an intent to invest in sustainable and performance-oriented Digital Textile Printing solutions.

ColorJet Earth Solution offers a clean future for the environment.

ColorJet specialized Pigment Ink with binder offers greener solution by way of eliminating process in digital textile printing. Polymerization at 160-degree after printing provides excellent color fastness and print quality with exceptional production capacity of 3200 linear meter/day.



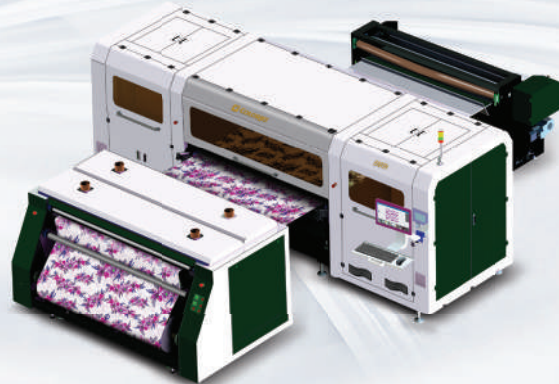


## **COLORJET THE ENVIRONMENTAL CONSCIOUS BRAND**

How can we make a significant difference Towards reducing global warming by way of Reducing huge water consumption.



# INTRODUCING COLORJET EARTH PIGMENT SOLUTION



**COLORJET**  
Digitalizing Textile Printing



# THE IDEAL PRINTER FOR YOUR TEXTILE PRINTING BUSINESS NEEDS!!

## PIGMENT INK PRINTING TECHNOLOGY & PROCESS

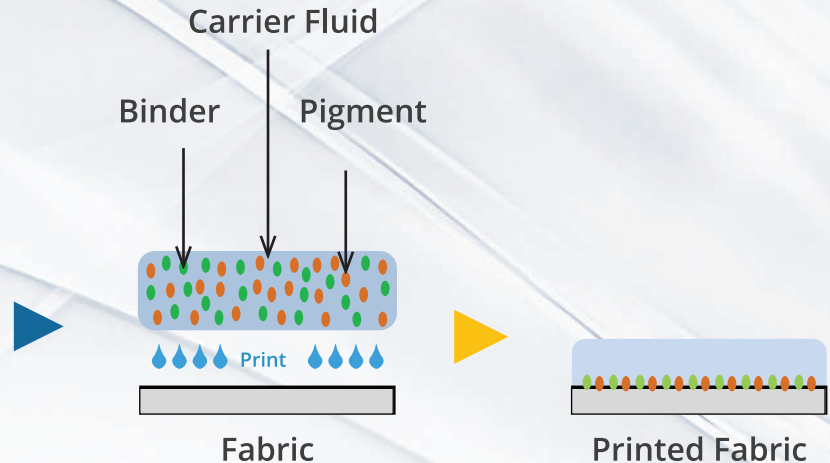
Water-based dispersion for printing on all kinds of fibre, a single step enables inks to bind to the fibre.

### PIGMENT INK WITH BINDER:

A special binder helps the pigment to be fixed on the fabric.

## COLORJET EARTH PIGMENT INK

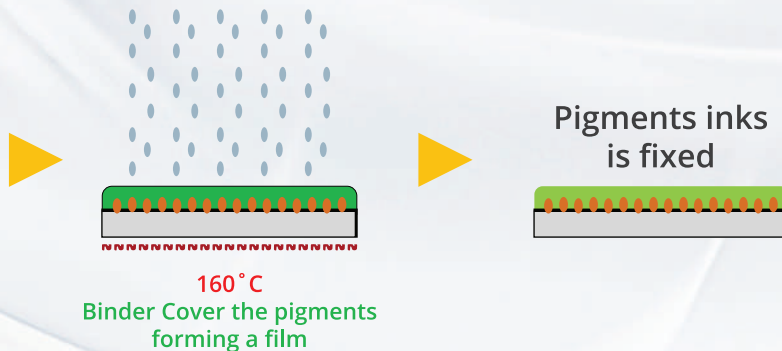
BINDER TECHNOLOGY :  
HOW DOES IT WORK?



# COLORJET EARTH SOLUTION ELIMINATES THE NEED FOR STEAMING OR WASHING ON DIRECT-TO-TEXTILE APPLICATIONS;

ColorJet EARTH solution eliminates the need for steaming or washing on direct-to-textile applications and uses a greener and more efficient polymerization process that takes place as the printed textile goes through the polymerization machine. As a result, users can achieve superior printing results while using less time, water, and energy.

Carrier Fluid is evaporated



**COLORJET**  
Digitalizing Textile Printing



## REACTIVE PROCESS



PREPARATION



PRINTING



STEAMING



WASHING



FINISHING

## COLORJET EARTH DIGITAL TEXTILE PROCESS

PIGMENT WITH BINDER PROCESS



PREPARATION



PRINTING &  
POLYMERIZATION



FINISHING  
(OPTIONAL)

ELIMINATES THE  
FOLLOWING PROCESSES



STEAMING



WASHING



STENTERING



## COLORJET EARTH DIGITAL TEXTILE PROCESS

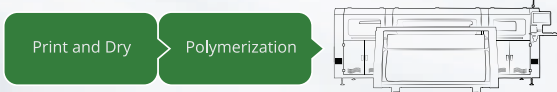
### TRADITIONAL TEXTILE PRINTING



### OTHER DIGITAL TEXTILE PRINTING



### THE COLORJET EARTH SERIES



## BOOST YOUR PERFORMANCE WITHOUT COMPROMISING THE QUALITY

This innovative one-step solution creates a beautifully printed fabric in minutes by enabling a faster and improved polymerization mechanism. The system can be operated by a single person

and is available at multiple speeds. Start with what best fits your current needs, and built to more sustainable environment.

## **MORE CONSCIOUS TOWARDS THE ENVIRONMENT.**

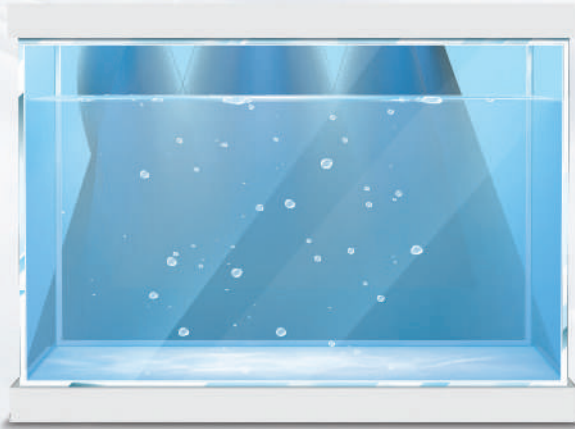
ColorJet Earth Solution consumes water, only for Belt Cleaning (super efficient water filtration and reclamation system enable 98% less water consumption per meter printed), which is much less than any other conventional textile printers.



# WATER-SAVING

## DIGITAL TEXTILE PRINTING

ColorJet Digital Printers Consumes 1/5<sup>th</sup> of Water  
As Compared To Other Conventional Textile Printers



**100 Ltr**  
OTHER PRINTERS



**20 Ltr**  
COLORJET

EFFICIENT RESOURCE UTILIZATION



## LESS WATER CONSUMPTION

Super Efficient [Water Filtration & Reclamation System](#)  
Enables **98% Less Water Consumption** Per Meter Printed.

# DRIVING TEXTILE PRINTING TOWARDS SUSTAINABILITY

## Minimal Water Consumption Printing

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.

## SUSTAINABILITY MATTERS:

The ColorJet EARTH series enables the only truly sustainable and responsible dry printing process with minimal water consumption and water pollution with the ColorJet EARTH pigment Ink-CD series.

## COLORJET EARTH PIGMENTS ARE AVAILABLE IN THE FOLLOWING COLORS:



Texjet P CD 250P  
Black



Texjet P CD 250P  
Light Cyan



Texjet P CD 250P  
Cyan



Texjet P CD 250P  
Light Magenta



Texjet P CD 250P  
Yellow



Texjet P CD 250P  
Orange



Texjet P CD 250P  
Magenta



Texjet P CD 250P  
Blue



## COLORJET EARTH PIGMENT INK – CD SERIES



High fastness  
properties



High Printability  
Sharpness



Immediate Visibility Of  
Printing Results



Binder Technology

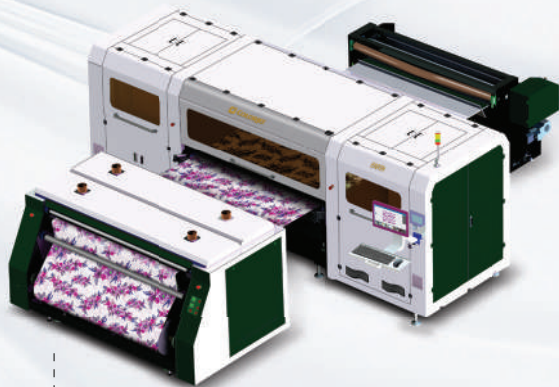


Deep color intensity



ColorJet special  
ICC profile

## COLORJET EARTH PRINTERS



EARTH SERIES 32 head  
Speed: (238 sqm/hr)



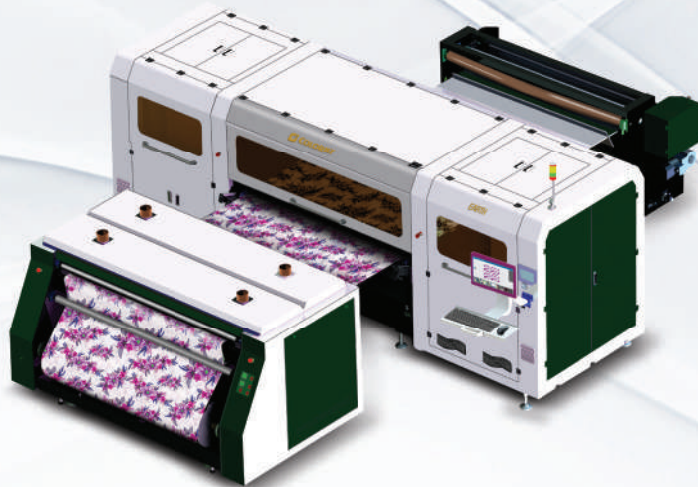
EARTH SERIES 8 head  
Speed: (74 sqm/hr)



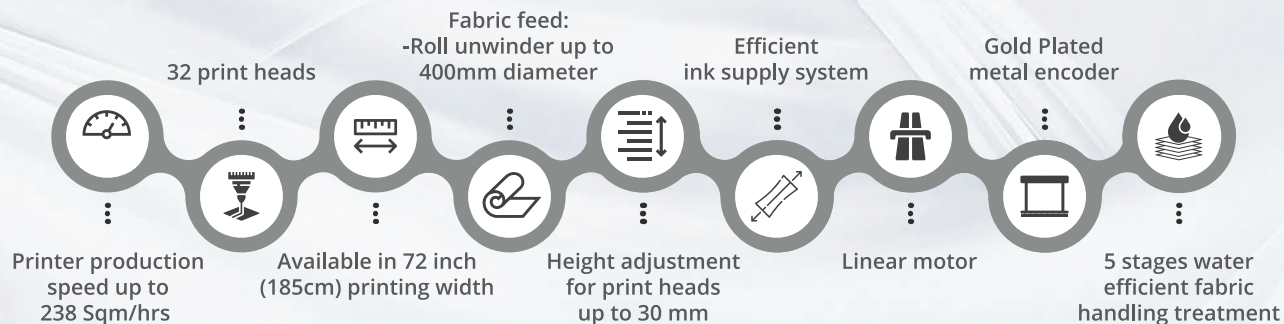
EARTH SERIES 16 head  
Speed: (124 sqm/hr)

## **COLORJET EARTH 32** *SUSTAINABLE PRINTER FOR DIRECT PRINTING ON FABRIC*

ColorJet EARTH 32 is the industrial textile digital printer that ensures extraordinary high performance and productivity with a sustainable, fast and green process.



## PRINTER CONFIGURATION



A World-class machine that  
meets all the printing needs of the Textile  
Printing Business with

**ADVANCED PRINTING  
TECHNOLOGIES**



## **COLORJET EARTH 16**

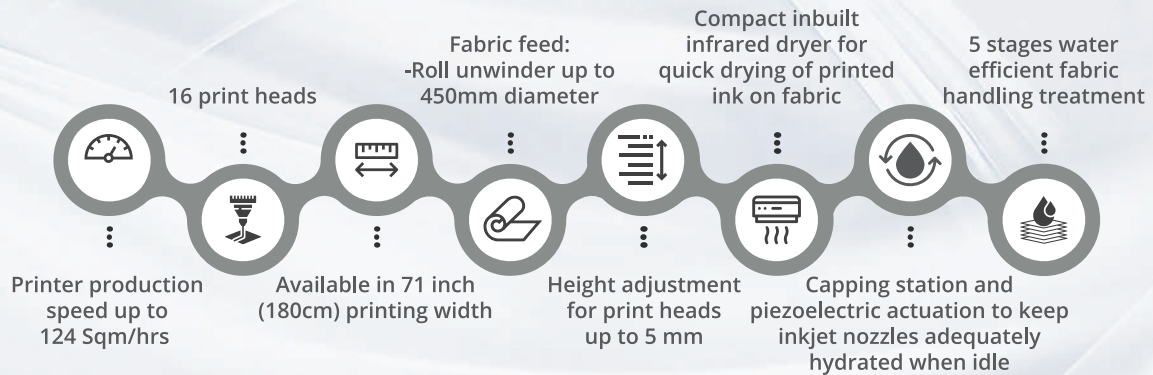
### *SUSTAINABLE PRINTER FOR DIRECT PRINTING ON FABRIC*

ColorJet EARTH 16 is the perfect printer for industrial productivity without compromising flexibility.





## PRINTER CONFIGURATION

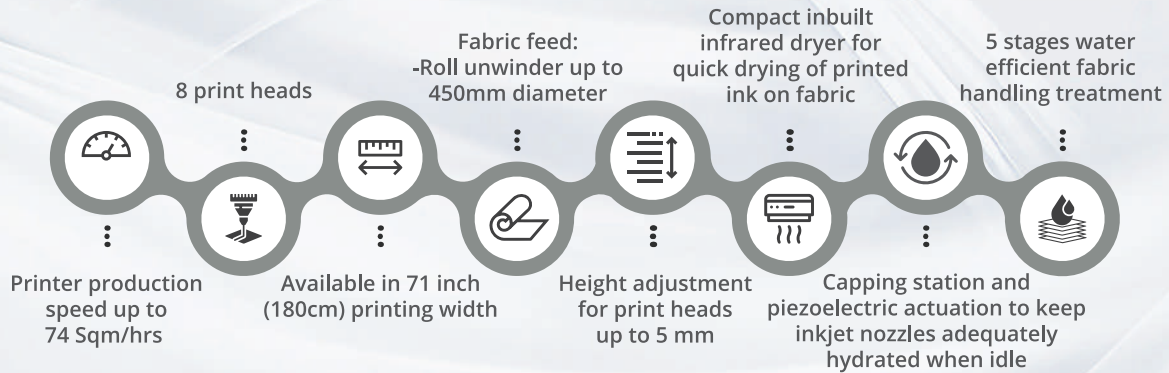


## **COLORJET EARTH 8** *SUSTAINABLE PRINTER FOR DIRECT PRINTING ON FABRIC*

ColorJet EARTH 8 is the ideal solution to get into the industrial printing segment with a sustainable, fast and green process.



## PRINTER CONFIGURATION



# SPECIFICATIONS

THE EARTH SERIES						
CONFIGURATION			EARTH32	EARTH16	EARTH8	
Printing Technology			Drop-on-demand, Piezoelectric Inkjet			
No. of Print Heads			32	16	8	
Print Heads	Type	Industrial Grade Jetting Assemblies				
	Resolution	Upto 1440 dpi				
	Height Adjustment	Upto 30 mm		Upto 5 mm		
	Cleaning Method	Pressure Purge and Wiping				
	Wetting Control	Piezoelectric actuations				
Ink	Type	Earth Pigment Ink				
	No. of colors	8				
	Supply	10 Ltr, Bulk ink supply system with inline degassing		3.9 Ltr, Bulk ink supply system with inline degassing		
Fabric	Type	Cotton, Viscose, Polyester, Polyamide, Silk, Wool				
	Max Printing Width	Upto 1850 mm		Upto 1800 mm		
	Roll Diameter	400 mm		450 mm		
Fabric Drying System			Infrared Heaters			
Operating Interface			Touch Screen			
Printing Interface			USB 3.1		USB 2.0	
Rip Software Supported			NeoStampa (ColorJet Editions)			
File Format			JPEG / TIFF / BMP / PDF (RGB / CMYK)			
Power Supply			220 V, 104 A Single/Three phase load distribution, 50Hz		220 V, 35 A Single/Three phase load distribution, 50Hz	
Operating Conditions			Temperature: 20 to 28°C Humidity: 55 to 75% RH (non-condensing)			
Printer Dimension / Net Weight			4898 x 2250 x 1850 mm (LxWxH) / 3250 Kg Approx.		3950mmx1500mmx1600mm (LxWxH)/1200kg Approx	
Dryer Dimension / Net Weight			2590 x 1770 x 1318 mm (LxWxH) / 850 Kg Approx.		Inbuilt	
Feeder Dimension / Net Weight			2482 x 820 x 1160 mm (LxWxH) / 720 Kg Approx.		Inbuilt	
Speed (In Sq. Meter/Hrs)	Print DPI	Passes	Speed (In Sq. Meter/Hrs)	Speed (In Sq. Meter/Hrs)	Speed (In Sq. Meter/Hrs)	
Mode 1	720x720	2	238	124	74	
Mode 2	720x1080	3	136	85	50	
Mode 3	720x1440	4	103	58	35	

## WHY WE SHOULD PREFER THE COLORJET EARTH SERIES FOR THE TEXTILE PRINTING BUSINESS?

**COLORJET EARTH PIGMENT INKS** deliver excellent fastness properties and high printability sharpness. Designed to leverage ColorJet EARTH digital printers' market-proven industrial performance capabilities, these eco-friendly water-based inks provide extraordinary print durability and yield longer print head life with low maintenance costs.

These high-performance digital pigment inks work on an innovative binder technology for fast, sustainable, and cost-competitive industrial textile printing on the most extensive range of fabrics.

In addition, ColorJet-tailored preparations will grant superior print definition, colour intensity, and incomparable wet and dry fastness.





# COLORJET COMMANDS 50% MARKET SHARE IN INDIA



**Platinum Sponsor**  
of ITMA 2023

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