

COLORJET DELIVERS IMPECCABLE PRINT RESULTS & FLAWLESS SERVICE ACROSS THE WORLD



COLORJET EARTH SOLUTION



INTRODUCING THE FUTURE OF SUSTAINABLE DIGITAL TEXTILE PIGMENT PRINTING

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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 6000 sqm/day.



COLORJET THE ENVIRONMENTAL CONSCIOUS BRAND

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

COLORJET EARTH PIGMENT SOLUTION



COLORJET
Digitalizing Textile Printing



THE IDEAL PRINTER FOR YOUR TEXTILE PRINTING BUSINESS NEEDS!!

PIGMENT INK PRINTING TECHNOLOGY & PROCESS

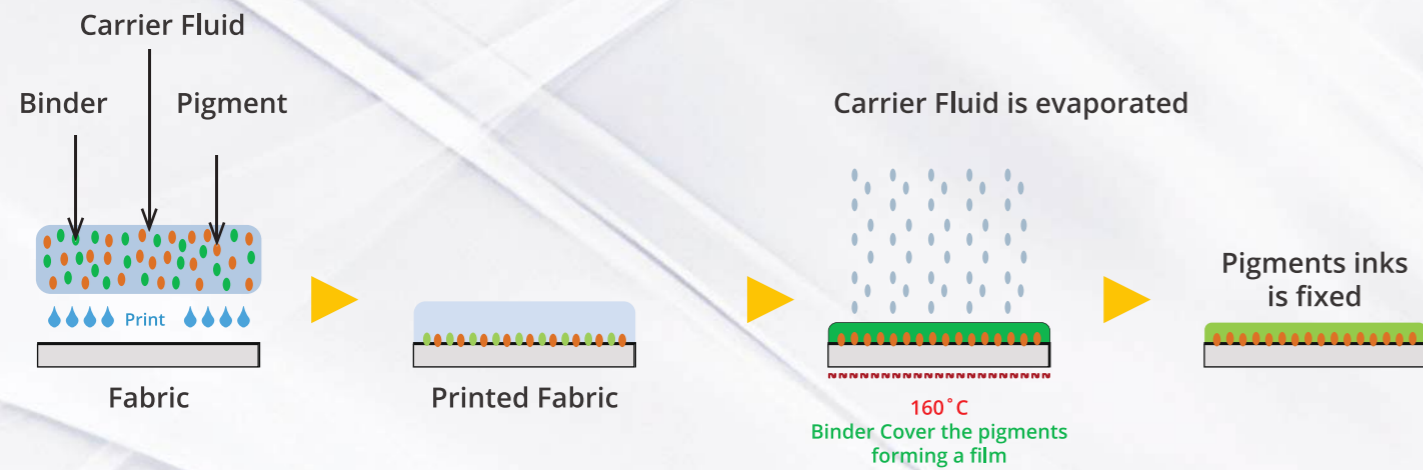
Water-based dispersion for printing on all kinds of fibre, a single step enables inks to bind to the fibre.

PIGMENT INK WITH BINDER:

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

COLORJET EARTH PIGMENT INK

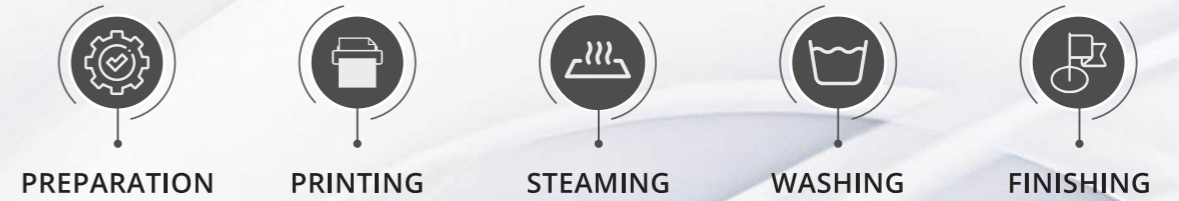
BINDER TECHNOLOGY : HOW DOES IT WORK?



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.

REACTIVE PROCESS



COLORJET EARTH DIGITAL TEXTILE PROCESS

PIGMENT WITH BINDER PROCESS



ELIMINATES THE FOLLOWING PROCESSES



COLORJET EARTH DIGITAL TEXTILE PROCESS

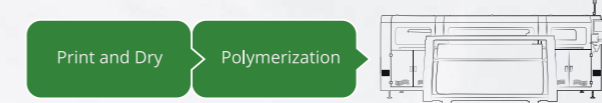
TRADITIONAL TEXTILE PRINTING



OTHER DIGITAL TEXTILE PRINTING



THE COLORJET EARTH SERIES



BOOST YOUR PERFORMANCE WITHOUT COMPROMISING THE QUALITY

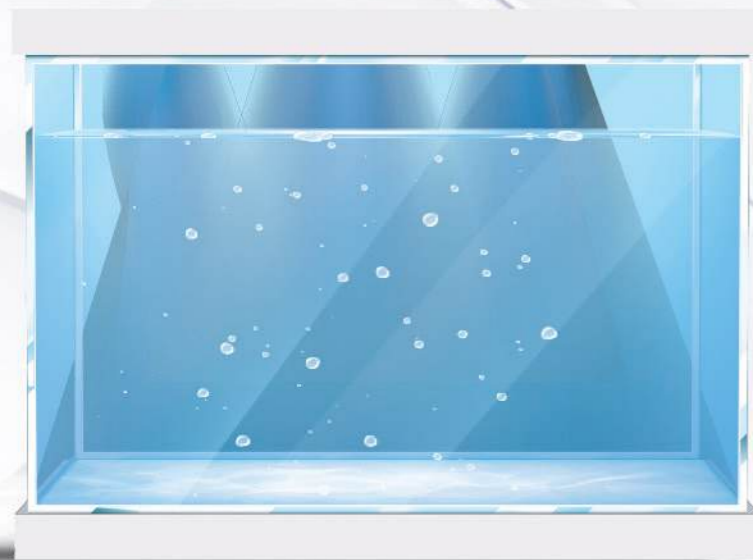
This innovative one-step solution creates a beautifully printed fabric in minutes by enabling a faster and improved polymerization mechanism. The system can be operated by a single person and is available at multiple speeds. Start with what best fits your current needs, and built to more sustainable 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 1/5th 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.

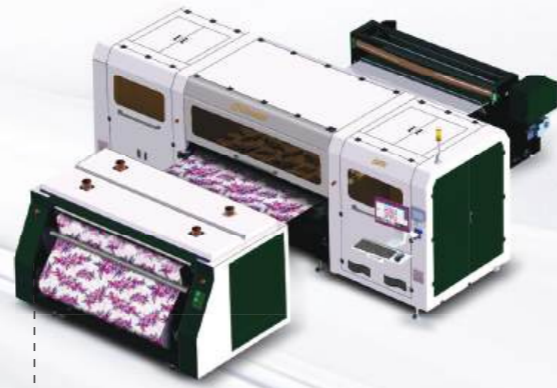
COLORJET EARTH PIGMENTS ARE AVAILABLE IN THE FOLLOWING COLORS:

- | | | |
|--|---|---|
|  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 PRINTERS



EARTH SERIES 32i head
Speed: (324 sqm/hr)



EARTH SERIES 32 head
Speed: (312 sqm/hr)



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



EARTH SERIES 16 head
Speed: (172 sqm/hr)

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



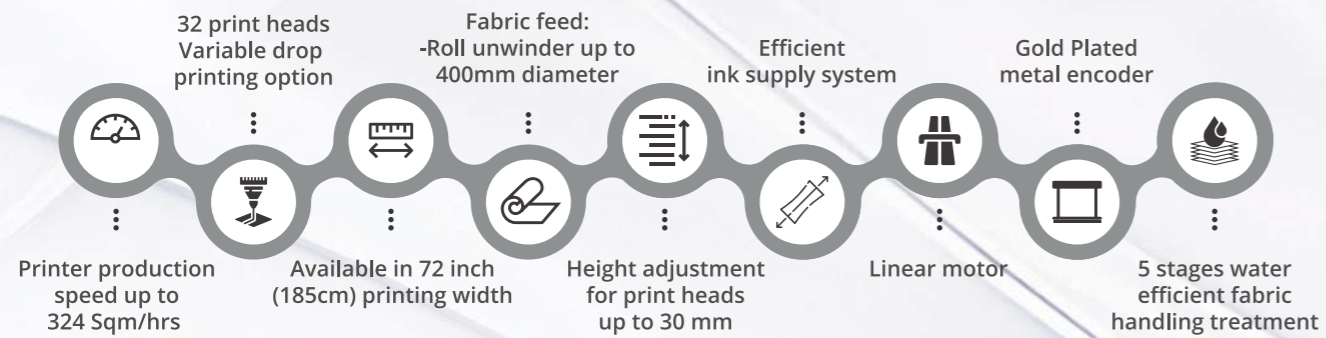
COLORJET EARTH 32i

SUSTAINABLE PRINTER FOR DIRECT PRINTING ON FABRIC

ColorJet EARTH 32i is the industrial textile digital printer paving the way for greener sustainable future with quality & performance.



PRINTER CONFIGURATION



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

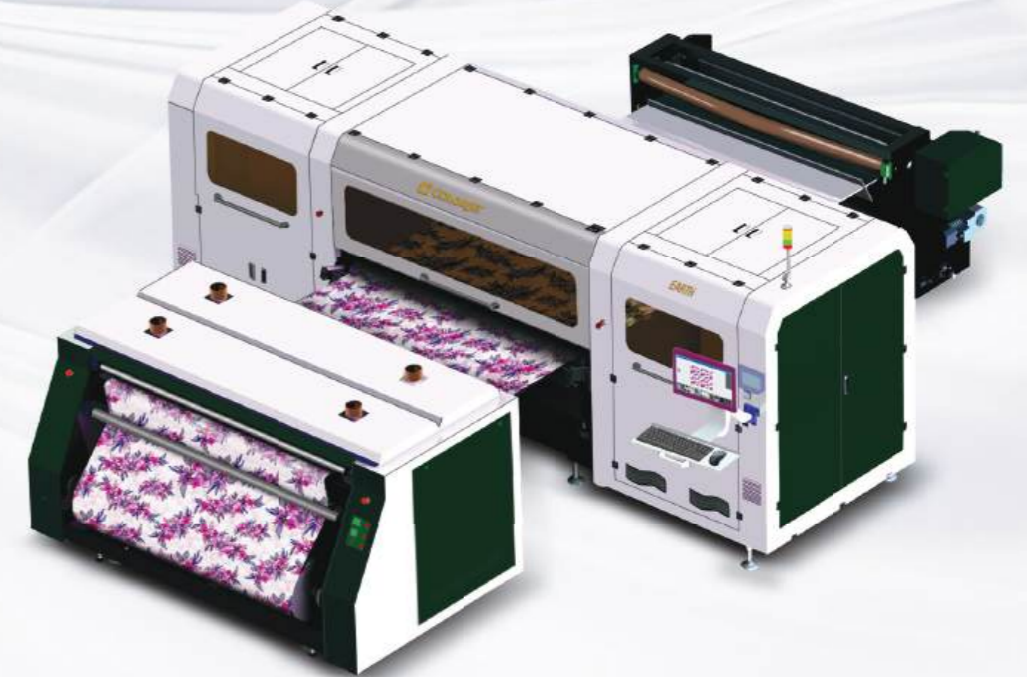


Kiloton™ **Osci+™** **Purge+™**

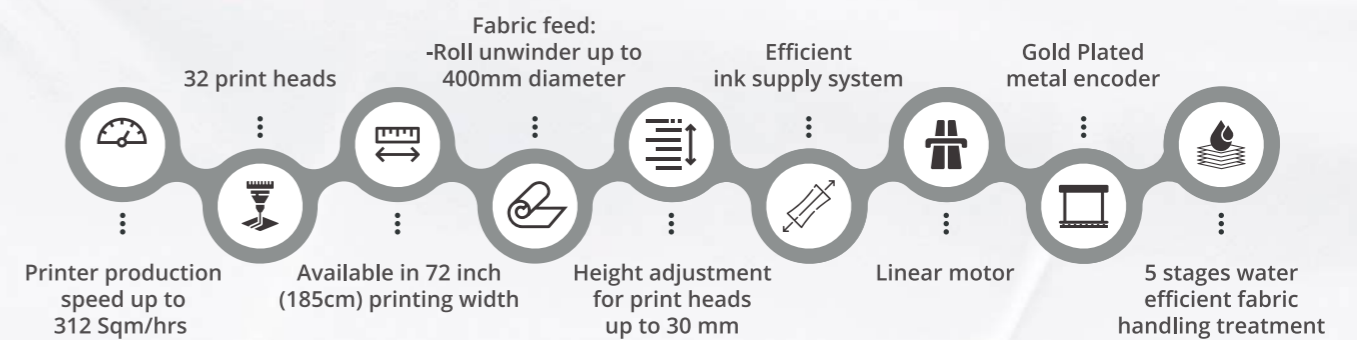
COLORJET EARTH 32

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**



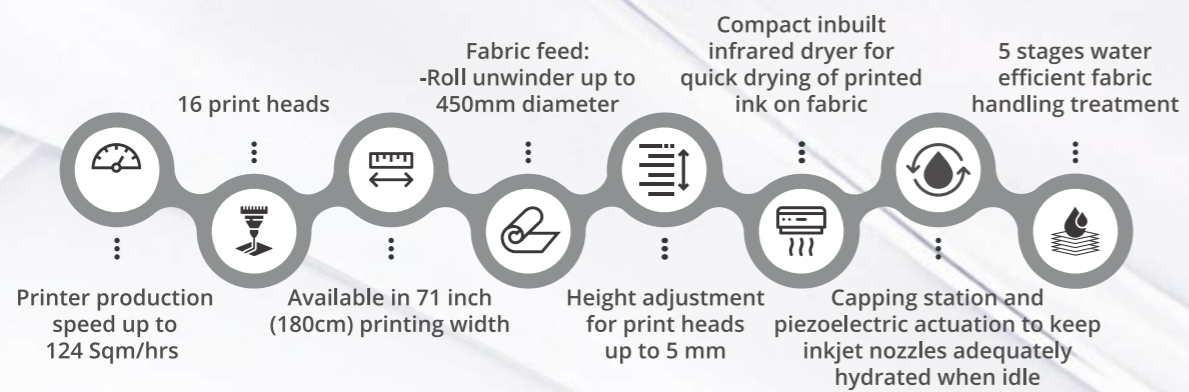
Kiloton™ **Osci+™** **Purge+™**

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

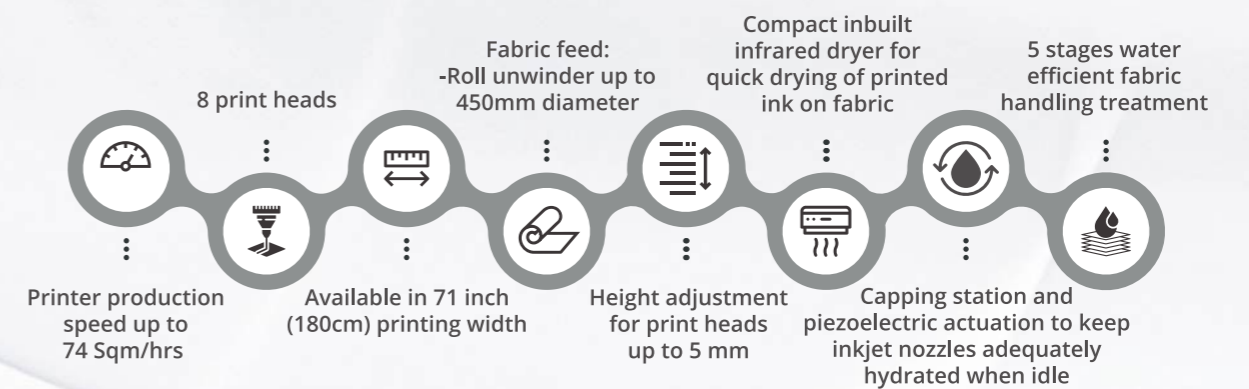


COLORJET EARTH 8 SUSTAINABLE PRINTER FOR DIRECT PRINTING ON FABRIC

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		EARTH32i	EARTH32	EARTH16	EARTH8	
Printing Technology		Drop-on-demand, Piezoelectric Inkjet				
No. of Print Heads		32(6PL)	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 actuators				
Ink	Type	Earth Pigment Ink				
	No. of colors	8				
	Supply	10 Ltr, Bulk ink supply system with inline degassing & low ink alarm	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		2342 x 5020 x 1975mm (LxWxH) / 3500kg Approx.	2250 x 4898 x 1850 mm (LxWxH) / 3250 Kg Approx.	1500mmx3950mmx1600mm (LxWxH)/1200kg Approx		
Dryer Dimension / Net Weight		2355 x 2612 x 1125mm (LxWxH) / 850kg Approx.	1770 x 2590 x 1318 mm (LxWxH) / 850 Kg Approx.	Inbuilt		
Feeder Dimension / Net Weight		1010 x 2468 x 1221mm (LxWxH) / 575kg Approx.	820 x 2482 x 1160 mm (LxWxH) / 720 Kg Approx.	Inbuilt		
Modes	Print DPI	Passes	Speed (In Sq. Meter/Hrs)	Speed (In Sq. Meter/Hrs)	Speed (In Sq. Meter/Hrs)	
Mode 1	360x720	2	324	-	-	-
Mode 2	360x1080	3	212	-	-	-
Mode 3	360x1440	4	156	-	-	-
Mode 1	540x720	2	226	312	172	-
Mode 2	540x1080	3	147	220	116	-
Mode 3	540x1440	4	110	163	99	-
Mode 1	720x720	2	-	263	142	74
Mode 2	720x1080	3	-	174	97	50
Mode 3	720x1440	4	-	129	66	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.

