



India's largest manufacturer of digital inkjet printers

THE MAGIC OF FABRIC PRINTING FROM COLORJET

MAXIMUM APPLICATIONS &
PROFITABILITY FOR
FABRIC PRINTING BUSINESSES



**DESIGNING
LEADERSHIP IN
TEXTILE INDUSTRY**

WITH HIGH QUALITY
& HIGH SPEED
TEXTILE PRINTING



Welcome to the world of infinite design possibilities with the fastest growing wide-format digital textile print technology leader in the Indian sub-continent.

ColorJet Group is present in 14 countries worldwide. Founded in 2004, the company maintains its operations via two manufacturing facilities and sales offices spread across seven countries, which include India , China, Bangladesh, UAE and Sri Lanka. To date, ColorJet has installed 4,000 of its printing solutions and products across 315 cities around the world. ColorJet products are backed by a strong 280+ member team, of which around 100 are in technical roles across R&D, Customer Support, Application, Machine Design and Sales related functions.

Maintaining its leadership position through its globally reputed deep commitment to Technological Innovation, Strong Outreach & Service Infrastructure and Complete Customer Focus, these super-fast machines are designed to meet today's challenges and are equipped to handle tomorrow's textile production requirements.

Colorjet digital textile printing solutions involve wide exploration in creating multiple fabric sheets with an extensive range of traditional and modern designs.

In collaboration with strategic partners, ColorJet will continue to deliver unmatched functionality and innovative products to the global marketplace.



1

1.6 to 3.2 mtr Printed width

2

22 yrs of experience in wide format printing

3

Excellent price performance ratio

4

R&D Department Recognised by the Dept. of Science & Technology, Govt. of India

METRO

1.8 MTR DIRECT TO FABRIC PRINTER

A machine designed with years of experience in delivering wide format printers for industrial applications. Practical field experience, in-house R&D and the passion to deliver a machine that would produce on fabric the visualisation of a designer, resulted in a machine that can be compared with the best in the world for the lowest payback.

THE BRILLIANCE OF
METRO



PRINT SYSTEM

- With 4/8/16 Industrial grade JETTING ASSEMBLIES for long service life
- Linear motor technology to support high speed traverse of printheads without compromising on precision necessary for fault free printing
- Proprietary AIVC (automatic intelligent voltage controller) 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 periodic purging and wiping system to remove lint or coagulated ink from the print head surface

FABRIC FEED AND TAKE-UP SYSTEM

- Independent fabric feed module with spreader roll to help remove wrinkles if any
- Dancing roll and guide roll to feed fabric with even tension
- High quality adhesive belt for accurate feeding and placement of woven or knitted fabric
- Adjustable Dancing roll with counter weights coupled with geared motor for gentle unwinding and winding of fabrics
- Air inflatable shaft for ease of loading and doffing printed fabric

ADHESIVE BELT CLEANING SYSTEM

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

INFRARED DRYER

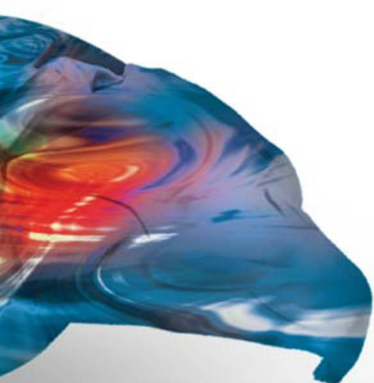
- Independent ink dryer module using power efficient radiation for minimal dissipation of heat to surroundings

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

- Advanced degassing and de-bubbling avoids head blockage during high speed printing
- Low ink warning for operator attention
- On the fly ink refill
- Transparent 10 litre glass ink tanks for long ink refilling cycle, with independent ink level sensors
- Inline filters for keeping out impurities or larger particles from printhead



SPECIFICATIONS

METRO						
CONFIGURATION			MT - 8043	MT - 8083	MT - 8086	MT- 8166
Printing Technology			Drop-on-demand, Piezoelectric Inkjet			
No. of Print Heads			4	8	8	16
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	Type	Reactive / Disperse / Pigment / Acid				
	No of colors	8	8	8	8	
	Supply	10 Ltr, bulk ink supply system with inline degassing				
Fabric	Type	Cotton, Viscose, Polyester, Polyamide, Silk, Wool				
	Max. Thickness	Upto 10 mm				
	Max / Printing Width	Upto 1800 mm				
	Roll Diameter	400 mm				
Fabric Drying System			Infrared Heaters			
Operating Interface			Touch Screen			
Printing Interface			USB 3.1			
Rip Software Supported			ErgoSoft / NeoStampa (ColorJet Editions)			
File Format			JPEG / TIFF / BMP / PDF (RGB / CMYK)			
Power Supply			220 V, 104 A Single / Three phase load distribution, 50Hz			
Operating Conditions			Temperature: 18 to 28°C Humidity: 35 to 80% RH (non-condensing)			
Printer Dimension / Net Weight			5300 mm x 1840 mm x 2450 mm (LxWxH) / 4300 Kg Approx.			
Dryer Dimension / Net Weight			2560 mm x 1500 x 1350 mm (LxWxH) / 500 Kg Approx.			
Feeder Dimension / Net Weight			2350 mm x 800 mm x 1210 mm (LxWxH) / 617 Kg Approx.			
Speed (In Sq. Meter / Hrs)	Print DPI	Passes	MT - 8043	MT - 8083	MT - 8086	MT - 8166
Mode 1	600 x 300	1	182	256	-	-
Mode 2	600 x 600	2	128	195	-	-
Mode 3	600 x 900	3	81	139	-	-
Mode 4	600 x 1200	4	61	109	-	-
Mode 5	600 x 600	1	-	-	210	294
Mode 6	600 x 1200	2	-	-	123	187
Mode 7	600 x 1800	3	-	-	88	151
Mode 8	600 x 1200	4	-	-	68	121



The ideal
solution for
maximum
business

THE BRILLIANCE OF
METRO

COLORJET DELIVERS IMPECCABLE PRINT RESULTS & FLAWLESS SERVICE ACROSS THE WORLD

Greece

Egypt

Kuwait

Saudi Arabia

Bahrain
Qatar
UAE
Oman

India

Nepal

Bangladesh

Ethiopia

Uganda
Kenya

Sri Lanka

Australia

New Zealand

COLORJET

INDIA'S

#1

WIDE FORMAT
DIGITAL INKJET
PRINTER

IDC Quarterly Large Format Printer
Tracker Q4 2017 - Superwide



INDIA'S LARGEST MANUFACTURER
OF WIDE FORMAT
DIGITAL PRINTERS AWARD

AT 6TH ANNUAL IMAGING
SOLUTION AWARDS



RISING STAR OF ASIA AWARD

AT THE INDO-ASEAN GLOBAL
INVESTMENT SUMMIT, BANGKOK, THAILAND



AT INDIAN BRAND CONVENTION
BAM AWARDS 2017



For more info,
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