

FOR AMAZING
INDOOR AND
OUTDOOR PRINTS



VULCAN

HIGH SPEED 3.2 M ROLL-TO-ROLL
UV LED INKJET PRINTER

FEATURES

VULCAN

3201 CLASSIC BODY



V8 Processor

The V8 platform with advance SMP core system, delivers unmatched printing quality at lightning fast speed. It has compact single port operability compatible with all sockets, ports and interfaces. Gives your clients the best printing quality, in the shortest timespan at very affordable cost.



Air - Automatic Ink Regulator

Each ink sub tanks embed individual Temperature Controller to maintain required temperature level for each color ink (Cyan, Magenta, Yellow, Black & White). Supply of inks on the pre-set temperature to the Print Heads will deliver blockage free and higher quality output.



Eco Cooling System

Integrates eco cooling bed technology in which water cooling system is embedded that maintains print substrate temperature and remove media wrinkle to ensure high quality prints.



White Color Technology

VULCAN white operates with ColorJet' latest generation of white inks, which are opacity. This means that this feature enables to obtain a qualitative white output with the use of low ink consumption at colored or dark substrates (elements) as well as on transparent material (like glass) for backlit and front-lit applications. Most importantly, one can use the white color or configuration technology as a spot color along with white ink circulation system.



Feeder Technology

Media loading is very simple and straightforward, yet automated, using the advanced technology like wider size media-tension rollers which helps in stretching media to remove wrinkle and prints with high precision.



Variable Drop Technology with Minimum drop size of 3.5PL

Variable drop technology ensures smooth and quality printing by correctly placing each ink drop on the media. This will enhance the printing quality and offers highly striking designs.



Flexi Layer Technology

The use of UV-curable ink in ColorJet VULCAN empowers customers to print effectively and efficiently on any type of flexible media like high quality banners, back-lit, front-lit, self-adhesive vinyl, and more. These high quality UV inks offers unbeatable print quality (ensures no cracks or lines) with low ink consumption.



QI Quality Panel

This panel enables to verify and enhance the quality of backlit images. During printing, operator can check the backlit effect on the image and correct the error, if any.



User Friendly Operating System

The user interface of the ColorJet VULCAN is highly interactive and user friendly so that customers need not require assistance from anyone else for handling the machine.



Wide Range of Media

Support wide range of flexible material with UV-curable inks viz. fabric, canvas, self-adhesive vinyl, plastic film, paper, and polyester. All these materials are 100% PE eco-friendly thus there is no harm to environment. Additionally, best for outdoor applications like billboards and building wraps.

COLORJET VULCAN 3201 CLASSIC BODY

SMARTLY INTEGRATED DESIGN FOR CONVENIENT TROUBLE-FREE OPERATION



LED LAMPS offer a huge energy saving solution to all the customers and with this feature our product is ideal for all thermally sensitive materials like thin slides, self-adhesive sheets, and stretched ceiling materials which is made up of PVC fabric.

ADVANCED ANTI-STATIC DEVICE Integrated with advanced anti-static device which minimizes the ink over spray on the media due to static electricity. It also ensures high quality printing in all kinds of media with low ink consumption.

CARRIAGE SAFETY SENSORS
Complete set of carriage safety sensors which help to protect the Print Heads from accidental crash with print substrate.

HIGH-TECH VACUUM SYSTEM
ColorJet VULCAN offers highly advanced vacuum system with VFD technology that takes care of flawless media handling and quality printing. This feature also ensures wrinkle free media movement.

PNEUMATIC PRESS RUBBER ROLLER
Effectively and efficiently controlling the media tensioning that reduces steps problem and also offer wrinkle free printing.

REINFORCED BEAM
ColorJet VULCAN has a robust beam with high precision mechanical accuracy. This ensures high quality with accurate dot placement solution.

A PERFECT SOLUTION FOR INDOOR AND OUTDOOR APPLICATIONS

- Banners • Signage • Billboards • Terminal Graphics
- Building Wraps • Tradeshow Graphics • Bus Shelters • Window Displays
- Flags • Wall Graphics • POP and POS Graphics





VULCAN 3201 CLASSIC BODY

VULCAN DELIVERS

Ecological Aspect

Use of LED lamps, UV inks, and polyester fabric lists the ColorJet VULCAN printer into the Green Environmental and Nature Friendly product.

High Productivity

COLORJET VULCAN integrates the fast firing Industrial Head (Industrial Grade Jetting Assembly), which is especially designed for UV-curable ink or other high viscosity ink printer. These print heads offer high quality prints for label or packaging, sign graphics, offset print, back-lit or front-lit banners, and other applications. Moreover, Industrial head enables anti-blocking to maintain high quality prints.

Superior Quality

ColorJet VULCAN proposes superior quality as it embeds with Industrial heads (Industrial Grade Jetting Assembly) with high intensity which assures quality printing of artefact-free solids, adequate text re-production, high resolution tonal rendering with low ink consumption along with upto 2400 dpi high resolution printing modes.



COLORJET DELIVERS IMPECCABLE PRINT RESULTS & FLAWLESS SERVICE ACROSS THE WORLD

Greece

Kuwait
Egypt
Saudi Arabia
Bahrain
Qatar
UAE
Oman

India
Nepal
Bangladesh

Ethiopia

Uganda
Kenya

Sri Lanka

Australia

New Zealand

SPECIFICATIONS

VULCAN 3201											
Model			V3201Y	V3201R	V3201R6						
Printing Technology			Drop-on-demand, Piezo Electric Inkjet on linear motion								
Print Heads			Industrial Grade Jetting Assemblies								
No. of Print Heads			2 to 7 (3.5 PL)	2 to 9 (7 PL)	2 to 9 (5 PL)						
Media	Width		3300 mm								
	Thickness		Maximum 10 mm with Liner								
	Roll Outer Diameter		Maximum 300 mm								
	Roll Weight		Maximum 150 Kgs								
	Core Diameter		2" & 3"								
	Types		Ceiling Film, Vinyl, Advertising Banner, PET, Wall paper, Fabric and many more								
Printing Width			Maximum 3200 mm								
Inks	Types		UV Curable Ink								
	Colors		6 Colors (CMYK LC LM) + W (LC LM optional)	6 Colors (CMYK LC LM) + White (LC LM optional) + V							
Printing Resolution (Dots Per Inch)			Maximum 2400 dpi								
Distance Accuracy			Error of less than ±0.3 % of distance travelled								
Connectivity			High Speed USB 3.0								
Power Requirements			AC 220 V ±10%, 30 A, 50/60 Hz								
Dimensions (Printer only)			5320 x 1260 x 1650mm (LxWxH)								
Dimensions (With Packing)			5830 x 1600 x 2090mm (LxWxH)								
RIP Software			Onyx (ColorJet Edition)								
Weight			2550 Kgs N.W., 2850 Kgs G.W.								
Environmental	Power ON		Temperature: 18 to 28°C. Humidity: 35 to 80% RH (Non-condensing)								
	Power OFF		Temperature: 5 to 40°C. Humidity: 20 to 80% RH (Non-condensing)								
			Print Speed (Sq M/Hrs)								
			Kyocera		Gen 5			Gen 6			
			1 Row	1 Row	1 Row	2 Row	3 Row	1 Row	2 Row	3 Row	
Mode	Print DPI	Passes	2 Heads	4 Heads	2 Heads	4 Heads	6 Heads	2 Heads	4 Heads	6 Heads	
Mode 1	635 x 600	4	-	-	-	-	-	29	53	73	
Mode 2	635 x 900	6	-	-	19	34	51	24	43	56	
Mode 3	635 x 1200	8	-	-	16	28	43	18	33	44	
Mode 4	960 x 900	6	35	-	-	-	-	-	-	-	
Mode 5	960 x 1200	8	27	-	-	-	-	-	-	-	
Mode 6	960 x 1800	12	17	-	-	-	-	-	-	-	
Mode 8	960 x 1200	4	-	65	-	-	-	-	-	-	
Mode 9	960 x 1800	6	-	43	-	-	-	-	-	-	
Mode 10	960 x 2400	8	-	32	-	-	-	-	-	-	

*The machine is also available in 5m option.

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