RasterJet™

MEHTA®

Industrial Grade UV Flatbed Printer

RJ 2030

UV Flatbed Printer

Rasterjet RJ2030 is high speed, high precision UV Flatbed printer designed for large size of panel. The maximum printing area is 2.0 mt. x 3.0 mt. The number of suction chambers of this platform has upgraded from 4 to 8 and this suction chambers co-ordinated with high quality air blower. RJ2030 offer Konica 1024 or Ricoh Gen5 print head as per customer choice.

RJ 2512

UV Flatbed Printer

Rasterjet RJ2512 is design and made to meet customer production demand at ultra high precision and high speed. It is equipped with 4-12 PL grayscale level piezoelectric print heads, Konica 1024 or Ricoh Gen5 as per customer choice. The maximum printing area is around 4 ft x 8ft. This printer can meet the demand of handling materials in large quantities.

RJ 1212

LED UV Flatbed Printer

Rasterjet RJ1212 is compact 1.2 mt x 1.2 mt. flatbed printer. It is very robust and extremely well engineered, using the best components. RJ1212 is equipped with Recoh print head having speed upto 11 sq.mt/hr and maximum resolution upto 1440 dpi for true photographic quality and edge to edge printing.

There is also multi layer print function built into the easy to use operating systems. This is time saving feature cleverly enables users to schedule their print in layers instead of having to do multiple passes. The LED UV light curable ink has immediate curing without pollution and odor.

RJ 2512H

UV Hybrid Printer

Rasterjet RJ2512H is very professional wide format inkjet UV Flatbed Printer with roll to roll printing facility. It can print rigid media like Wood, Glass, ACP, Acrylic etc. And flexible media like Flex, Vinyl, Rexine, Leather etc. RJ2512H also offers 4-12PL gray scale level Konica 1024 or Ricoh Gen5 print head as per customer choice. The internationally advanced print control system, highly efficient setting for repetitive printing, accurate positioning function has contributed to the distinguished quality of printer.

2.5m (Maximum print width up to 2.5m)

Add Roll to Roll option

KONICA MINOLTA

RICOH
imagine. change.

Konica Print Head KM1024

Print Speed of Konica 1024 (CMYK + 2W)

4 Pass	27 m2/hr
6 Pass	23 m2/hr
8 Pass	17 m2/hr

Environmentally Friendly Inkjet

1024 Nozzles	360 dpi	14pl Ink drop size	72 mm Print width	8 Levels Grey Scale	UV Ink

Ricoh Print Head GEN5

Print Speed of Ricoh GEN5 (3 Heads)

4 Pass	28 m2/hr
6 Pass	25 m2/hr
8 Pass	19 m2/hr

Environmentally Friendly Inkjet

1280 Nozzles	300 dpi	7pl Ink drop size	70 mm Print width	8 Levels Grey Scale	UV Ink

Relying one piezoelectric inkjet technology, the printer has a high precision control of the ink spraying. Besides with a maximum resolution of 1440 dpi, the printer is also capable of representing the minutest details of a picture. Even tiny words in 6 point can be clearly printed out with their smooth and sharp edges in this printer.
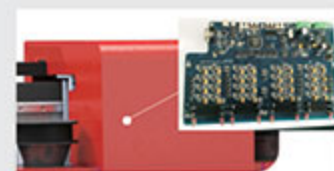
An intelligent printer carriage collision shielded system of the printer can spare the risk of a collision between printer carriage and material which might cause damage to the carriage head.

Lamps are famed for their long life, short exposure times, quick ignition, optimal performance level and unmatched operating reliability.

High density ink offering rich colors and outdoor lifespan up to 5 years.

8 Separate area which flat inducted draft, regulate the blowing rate and interval on your own will to which could suited different breadth of materials.

Constant voltage and constant temperature ink supply, so that flatbed printing is suitable for multiple temperature range.

Automatic media thickness detecting function, integrated print head capping device, media locating pins and automatic print head cleaning unit makes print work easy.

Advanced software functions:
1. Rip while printing
2. Print selected area
3. Skip white in X and Y printing directions
4. Auto media sensor for setting print origin automatically (3 picture positions : left, middle and right)

Automatic anti static design to avoid satellite ink drops flying.

White ink recirculation results in an effective elimination of ink starvation and protects print heads from clogging hazard.

When anyone ink barrel color ink is about to run out this system, can point out ink you need to add ink.

Adjustable UV lamp power with 3 levels, adjustable UV flash speed.

NSK

THK The Mark of Linear Motion

With the world's top partners, to create the most outstanding quality.

RasterJet™

Signage

Interior Decoration

Signage

Leather

Ceramics

Glass

Breastplate

Interior Decoration

Glass

Glass

Interior Decoration & Glass

Interior Decoration

Specifications

RasterJet™

Model	RJ 2030	RJ 2512	RJ 2512H	RJ 1212
Print Head	Industrial Class Electric Piezo Print Head			
Resolution	Up to 1440 dpi			
Colour	4 Colour / Double 4 colour / White or varnish			
Max. Material Thickness	0 – 120 mm	0 – 120 mm	Rigid Materials : ≤ 120 mm Flexible Media : ≤ 1 mm	0 – 80 mm
Drying System	UV Mercury Lamp			LED-UV curing lamp
Air Draft	8 Air draft divisions adapt to the working area dimension	4 Air draft divisions adapt to the max. working area dimension	4 Air draft divisions adapt to the max. working area dimension	2 Air draft divisions adapt to the max. max. working area dimension
Printing Size	**Maximum Printing Area:** Rigid Material (Width x Depth) : 2000 mm x 3000 mm	**Maximum Printing Area:** Rigid Material (Width x Depth) : 2680 x 1220 mm	**Maximum Printing Area:** Rigid Material (Width x Depth) : 2680 x 1220 mm Flexible Media Width : 2500 mm	**Maximum Printing Area:** Rigid Material (Width x Depth) : 1200 mm x 1200 mm
	Maximum Material Size: Rigid Material (Width x Depth) : 2020 mm x 3020 mm	**Maximum Material Size:** Rigid Material (Width x Depth) : 2700 x 1330 mm	**Maximum Material Size:** Rigid Material (Width x Depth) : 2700 x 1330 mm Flexible Media Width : 2530 mm	**Maximum Material Size:** Rigid Material (Width x Depth) : 1300 mm x 1680 mm
Ink	UV Curing Ink			LED-UV Curing Ink
Outdoor Life	At least 5 years Outdoor / 10 years Indoor			At least 3 years Outdoor / 10 years Indoor
Ink capacity	2.5L drums, automatic ink control, nonstop ink supply			
Ink Supply System	Auto Negative Ink Supply			
Media	Glass, PMMA, Ceramic, Metal, Paper, Wood, Leather, PVC, PP, PE, PTFE….		Glass, PMMA, Ceramic, Metal, Paper, Wood, Leather, Flex Banner, Wallpaper, Car Sticker, Soft Film, PVC, PP, PE, PTFE….	Glass, PMMA, Ceramic, Metal, Paper, Wood, Leeather, PVC, PP, PE, PTFE….
Control System	Windows 2000 workstation / Windows XP/Vista/7 -32 bit RAM ≥ 6 gb			
Image Format	Tiff, Jpeg, EPS			
Printing Speed	Upto 56m²/hr (8 Print heads double 4 colour)	Upto 56m²/hr (8 Print heads double 4 colour)	Upto 56m²/hr (8 Print heads double 4 colour)	Upto 14m²/hr (8 Print heads double 4 colour)
RIP Software	Photoprint / Color GATE	Photoprint / Color GATE	Photoprint / Color GATE	Photoprint / Color GATE
Operation Environment	Temperature : 18℃ ~26℃ is more effectively control static and guarantee printed quality	Temperature : 18℃ ~26℃ is more effectively control static and guarantee printed quality	Temperature : 18℃ ~26℃ is more effectively control static and guarantee printed quality	Temperature : 18℃ ~26℃ is more effectively control static and guarantee printed quality
	Humidity : 40% - 70% to effectively control static and guarantee printed quality.	Humidity : 40% - 70% to effectively control static and guarantee printed quality.	Humidity : 40% - 70% to effectively control static and guarantee printed quality.	Humidity : 40% - 70% to effectively control static and guarantee printed quality.
Power Supply	Max : 7.5 KW; AC,50Hz /60Hz; 220V (±10%) > 15A	Max : 6.2 KW; AC,50Hz /60Hz; 220V (±10%) > 15A	Max : 6.5 KW; AC,50Hz /60Hz; 220V (±10%) > 15A	Max : 3.2 KW; AC,50Hz /60Hz; 220V (±10%) > 15A
Dimension (L x W x H)	3820 x 3950 x 1500 mm	4820 x 2000 x 1500 mm	4830 x 2150 x 1500 mm	2700 x 2000 x 1500 mm
Package Dimension (L x W x H)	4050 x 2200 x 1350 mm & 4070 x 870 x 1000 mm	4980 x 2120 x 1700 mm	4980 x 2200 x 1670 mm	2800 x 2100 x 1600 mm
Net Weight & Gross Weight	1800 kg & 2150 kg	1300 kg & 1650 kg	1550 kg & 1900 kg	560 kg & 700 kg
Safety Certification	Certification	Certification	Certification	Certification

Above specifications are liable to change without prior notice.

MEHTA®

MEHTA CAD CAM SYSTEMS PVT. LTD.
4 & 5, 2nd Floor, Sumel Complex, Opp. GNFC Info Tower,
Sarkhej Gandhinagar Road, Ahmedabad-380 059. INDIA.

Contact:
Tel.: +91-79-26840551 / 26840552 / 26840553
Fax: +91-79-26840554

For Immediate Assistance, Contact on **092276 78041, 092276 78044**   ✉ sales@mehtaindia.com   ☎ www.mehtaindia.com

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