

TECHNICAL SPECIFICATION

Model	RJ 1016
Print Head	6 x Ricoh GH2220 Industrial Printhead (3-5PL)
Structure	Industrial Structure Frame with Heavy Duty Y-Bar
X&Y Motor	AC Servo Motors
Maximum Print Size	1000mm (W) x 1600mm (H) (75mm Thickness)
Printing Resolution	1800 dpi
Printing Direction	Uni and Bi-Direction
Printing Technology	Variable Dot Printing (Grey Scale Printing)
Ink Type	UV LED Curable Inks
Ink Color	C.M.Y.K., White, Varnish
Ink Capacity	1.5 Liter Bottle
Ink Supply System	Negative Pressure System (NPS) with Automatic Ink Supply
UV Technology	Dual UV Led Lamp
RIP	Onyx RIP Center
Interface	Highspeed USB 2.0 / 3.0
Power Consumption	Maximum 4.5kVA
Power Requirements	100-110V AC / 220-240V AC, 50/60Hz
Dimensions (mm)	L 2330 x W 2122 x H 1259
Net Weight	510kgs

Specification are liable to change without prior notice. All trademarks mentioned are property of their respective owners.

TECHNICAL SPECIFICATION

Model	RJ 2513 FR	RJ 2513	RJ 3220
Printing Technology	Piezoelectric on-demand inkjet technology with grayscale capability		
No. of Printheads	3 Ricoh Gen5 & Gen6 Print Heads (Standard) Up to 8 Print Heads (optional)		
Printable Media Size Flatbed	2500mm x 1300mm	2500mm x 1300mm	3200mm x 2000mm
Printable Media Size Roll to Roll	1800mm width	-	-
Printing Resolution	1200 dpi		
Acceptable Media Thickness	Up to 100mm (optional 150mm)		
Ink type	UV LED curable ink		
Ink Capacity	1.5 Liter Bottle		
Colours	Cyan, Magenta, Yellow, Black, White (Varnish, Lc & Lm optional)		
Configuration	(1) CMYK + White, (2) White + CMYK, (3) CMYK + White + CMYK		
Ink Curing Unit	Dual LED Lamps		
Software	Onyx RIP Center		
Interface	Highspeed USB 2.0 / 3.0		
Power Supply	100-110V AC / 220-240V AC, 50/60Hz		
Required Power Capacity	For Printer Operation (15A) max, + For Vacuum Platform (10A) max		
Power Consumption	Maximum 6.8kVA		
Dimensions (mm)	L 2800 x W 4350 x H 1600	L 2228 x W 4310 x H 1432	L 2776 x W 5000 x H 1366
Weight	1400kg approx	1150kg approx	1600kg approx
Weight	(Power on) Temperature: 21°C to 30°C (69° to 86°F)/ Humidity: 35 to 80% (Power off) Temperature: 5°C to 40°C (41° to 104°F)/ Humidity: 20 to 80%		

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RasterJet™

**2nd GENERATION
PRINTER**

UV FLATBED & HYBRID INKJET PRINTER

**ASTONISHINGLY HIGH QUALITY
AND HIGH SPEED PRINTING**

Equipped with
RICOH Gen5 & Gen6 Printheads



RJ 2513 / 2513 FR are equipped with internationally acclaimed print control system, highly efficient setting for repetitive printing, accurate positioning function makes the printer the best in its class. RasterJet RJ2513FR is a 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.



For Immediate Assistance, **Contact 075750 09639, 092276 78044** mktg@mehtaindia.com www.mehtaindia.com

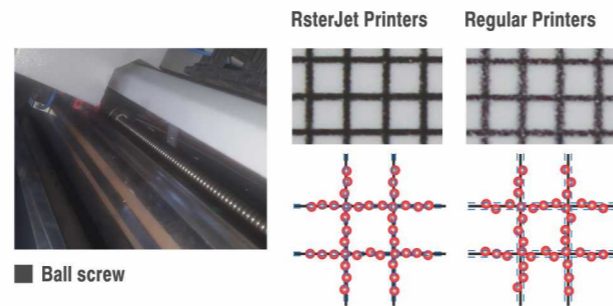
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Features

- High speed UV Printer than any regular UV Printers, thanks to its electronics and AC Servo Motors.
- Z-Axis Movement up to 100mm (150mm optional), One can print on 100mm thickness media. (for all RJ2513)
- RasterJet UV printers are equipped with latest silent LM guide.
- All AC Servo motors and drives for long life, trouble and maintenance free operation.
- Smart printing technology enable to higher productivity.
- Automatic media height detection system.
- Anti-static bar for neutralizing static charge on the substrate being printed.
- Anti crush system for preventing printheads while collosin.
- 4 zone vacuum system.

Mechanical Structure Achieves High-precision Printing

To reduce printer unit vibration, the print table moves during printing instead of the Y-bar, In addition, to achieve higher position accuracy, two ball screws are installed on both sides of the table to assist with its movement. RasterJet UV flatbed printers offers high performance printing that satisfies the position accuracy necessary for additional printing on preprinted surfaces. Furthermore, fine lines, edges, and small texts are clearly represented. RasterJet UV flatbed printers are the best digital on demand printing solution for the screen printing industry.



Rasterjet's Print Technology For Achieving High Qaulity Printing

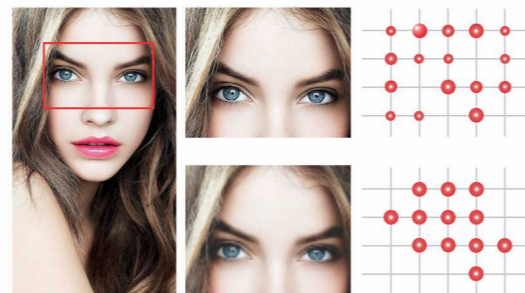
RasterJet Optimizations Level System

- Level 1: Remove the band even in bi-direction mode
- Level 2: Using the optimizations one cannot see the effect on printing even if some nozzles are clogged.
- Level 3: Intelligent Feather Printing Technology, The unique intelligent feather printing technology can improve the curable reflective stripes which occurred in the printing process, so that the printing quality can reach the ideal state.



Variable Dot Printing

Optimum droplet sizes are automatically selected from 5PL to 15PL for each print mode. Moreover Rasterjet UV flatbed printers can separately control droplet size for process color (CMYK) and spot color. This capability is useful for simultaneous double-layer printing. Small droplet are used for color printing to present a delicate finish, and large droplet are used for white-base-layer printing to obtain high opacity.



PRINTING SPEED RJ 3220 / RJ 2513 with Gen5 Printhead

Printing Pass	Resolution	Print Speed sq.ft/hr
4 Pass	720 x 600 dpi	160 sq.ft/hr
6 Pass	720 x 900 dpi	120 sq.ft/hr
8 Pass	720 x 1200 dpi	80 sq.ft/hr

PRINTING SPEED RJ 3220 / RJ 2513 with Gen6 Printhead

Printing Pass	Resolution	Print Speed sq.ft/hr
4 Pass	720 x 600 dpi	250 sq.ft/hr
6 Pass	720 x 900 dpi	190 sq.ft/hr
8 Pass	720 x 1200 dpi	130 sq.ft/hr

PRINTING SPEED OF RJ 1016

Printing Pass	Resolution	Print Speed sq.ft/hr
Pass 6	720 x 900 dpi	80 sq.ft/hr
Pass 8	720 x 1200 dpi	65 sq.ft/hr

RJ 2513 FR
HYBRID INKJET UV PRINTER
Working Area :
For Flat Media : 2500 mm x 1300 mm
For Roll to Roll Media : 1800 mm max. width
Powered by Gen6 Printhead
Printing Speed : 250 sq.ft/hr



RJ 2513
Working Area : 2500 mm x 1300 mm
RJ 3220
Working Area : 3200 mm x 2000 mm
Powered by Ricoh GEN6 Printhead
Printing Speed : 250 sq.ft/hr



RJ 1016
Working Area : 1000 mm x 1600 mm
Powered by Ricoh GH2220 Printhead
Printing Speed : 80 sq.ft/hr

