All Exclusive Specifications of this Machine :

4 Lamp Chiller

Negative Ink Supply System

Negative Pressure Ink Flusing System

Suction Fan 4 Row Adjustable

Double Suction Fan with Silencer for Low noise

3 AC Servo Drives for X and Double Y axis

Automatic Media height Adjustable Sensor

Suction Distribute with 4 separate row

TECHNICAL SPECIFICATION

Model	Sunjet 2513	Sunjet 3020
Print Head	Rioch GEN 5 Industrial Printhead	
Printing Technology	Piezoelectric on-demand inkjet technology with grayscale capability	
No. of Printheads	3 Ricoh Gen5 print heads (standard) Up to 7 print heads (optional)	
Configuration	(1) CMYK + White, (2) White + CMYK, (3) CMYK + White + CMYK, (4) CMYK + White + varnish	
Structure	Industrial Structure Iron Frame With Heavy Duty Dubble Y Ball Screw	
X&Y Motor	3 AC Servo Motor & Drives (1 for X 750w 2 for Y 400w) from Leadshine / Panasonic (Japan)	
Maximum Print Size	250cm (W) x130cm (H)	300cm (W) x 200cm (H)
Printing Resolution	720x900 dpi (6pass), 720x1200 dpi (8pass), 720x1800 dpi (12pass)	
Printing Direction	Uni and Bi-Direction	
Printing Technology	Variable Dot Printing (Gray Scale Printing)	
Material Thickness	Max. Thickness: 10 cm (100mm)	Max. Thickness: 11cm (110mm)
Ink Type	UV LED Curable Inks	
Ink Color	Cyan, Magenta, Yellow, black, White, Varnish (optional)	
Ink Capacity	1.5 Liter Bottle	
Ink Supply System	Negative Pressure System (NPS) With Automatic Ink Supply	
UV Technology	Four UV Led lamp	Four UV Led lamp
RIP	PHOTO PRINT 12.0 Cloud Version / MAINTOP 6.0v	
Interface	USB 3.0 or USB 2.0	
Power Requirements	220-230 V, 50/55Hz	
Required Power Capacity	For Printer Operation (15A) max. + For vacuum Platform (15A) max	
Power Consumption	Maximum 6.5 kva	
Environment	(Power on) Temperature: 23°C to 30°C (73° to 86°F)/Humidity: 35 to 80% (Power off) Temperature: 10° to 40°C (41° to 104°F) / Humidity: 20 to 80%	
Assembled Dimensions (LxWxH)	4330*2290*1675mm	4880*3000*1700mm
Net Weight	1500kgs Approx.	2500kgs Approx.

Technical Specifications are liable to change without prior notice.

Goldtech Graphics Pvt. Ltd.

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Industrial Grade High resolution UV Flatbed Printer

MAKE IN INDIA

Powered by: RICOH

Sunjet-2513UV

UV Flatbed Printer

Intelligent positioning system

vacuum suction platform

GOLD TECH
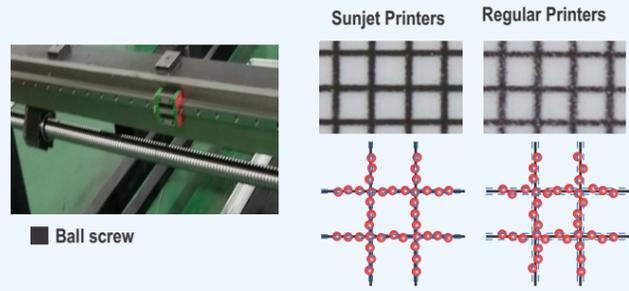DIGITAL INKJET & UV PRINTERS

Features :

- Technology and all electronics are from Germany.
- High speed than any regular UV Printers.
- Printer is provided with Ion Bar with High voltage Generator this can use for electric charge discharge from material for Head Life improve and protect from electric charge.
- Back to back printing (3 layers) in single command is possible (CMYK + White + CMYK).
- Gives Encoder on both Axis (X, Y) gives high precision printing and also auto calculate Gear Ratio from Software.
- Z-Axis Movement up to 100 mm, One can print on 100 mm thickness media.
- SunJet UV flatbed printers are equipped with latest silent Double LM guide for better grip on carriage.
- All AC Servo motors and drives are from Panasonic (Japan), for long life, trouble and maintenance free operation.
- Smart printing technology means you can print without selection white & varnish only select in the Software and get higher productivity.
- White & varnish ink re-circulation system is preventing to sedimentations of ink pigment.

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. Sunjet 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. Sunjet UV flatbed printers are the best digital on demand printing solution for the digital printing industry.

■ Ball screw

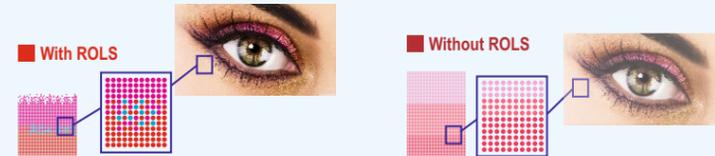Sunjet Printers   Regular Printers

Variable dot printing

Optimum droplet sizes are automatically selected from 6PL to 30PL for each print mode. Moreover, Sunjet 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.

Sunjet's print technology for achieving high qaulity printing

Sunjet 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.

■ With ROLS   ■ Without ROLS

Print Sharpness Quality

When all dot aligned and machine print in high quality mode than they print on sharp quality image. Moreover, Sunjet UV flatbed printers can separately control droplet size for process color management (PCM). This capability is useful for high quality photo printing. If machine print small drop than they make calibration of color, and if print with large droplet than print without sharpen images.

PRINTING SPEED Sunjet 2030 / Sunjet 2513

Print Pass	Resolution	Print Speed m2/hr
6 Pass	720 x 900 dpi	24 m2/hr
8 Pass	720 x 1200 dpi	20 m2/hr
12 Pass	720 x 1800 dpi	12 m2/hr

Application Industry :

➡ Advertising Industry
➡ Gifting Industry
➡ Interior Designing Industry
➡ Glass Industry
➡ Ceramic Tiles Industry
➡ Wooden Door & Wood Industry
➡ Metal Furniture Industry
➡ Mobile Cover Printing
➡ PVC Door & Wall Panel Printing
➡ Seat & Sofa Cover Printing
➡ Leather Printing etc.

GOLD TECH
DIGITAL INKJET & UV PRINTERS

Sofa Cover Printing

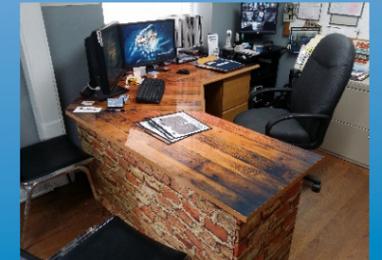PVC Wall Pannel Printing   Kitchen Printing   Tiles Printing

Wooden Door Printing   Floor Tiles Printing   Wooden Printing

House Interior Decoration Printing