



QUANTUM
DIGITAL TECHNOLOGIES

SPARTAN FBR Series

UV Flatbed RTR Printer

SPARTAN FBR3221/FBR2713



4 Color+W+V



One printer, flat or roll, no limit.



Max.Print speed 102 sqm/h

Comparison speed : Printing PVC

68 sqm/h

6Pass

51 sqm/h

8Pass

*speed and quality based on OMNIColor inks



Multi-Color options

Customizable Color Combinations

Over 10 options, including C-W, W-C, C-W-C, Embossed textures

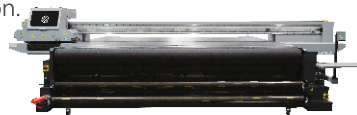


Enhanced operability and functions

Equipped with a tension rod structure to control constant tension.

Features a larger reducer for greater torque.

Incorporates an RTR printer system



FBR3221



FBR2713

UV Flatbed RTR Printer

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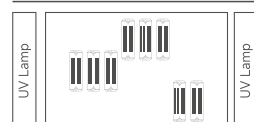


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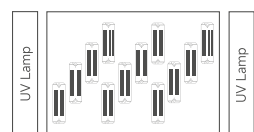
Model	FBR3221	FBR2713
Printhead	RICOH G5/G6* 4 rows	RICOH G5/G6* 3 rows
Rigid material printing size:	3200*2100mm (125.98 x 82.68 in)	2700 x 1300mm (106.30 x 51.18 in)
Flexible media printing width:	3200mm (125.984in)	2500mm (98.43in)
Rigid material Max size:	3220*2120mm (126.77 x 83.46 in)	2750 x 1400mm (108.27 x 55.12 in)
Flexible media Max width:	3230mm(127.17in)	2530mm (99.61in)
Power Maximum:	8 KW; AC,50HZ/60HZ; 220v(±10%) > 15A	7KW; AC,50HZ/60HZ; 220v(±10%) > 15A
Dimensions(L x W x H)	5500 x 3630 x 1560mm (216.54 x 142.91 x 61.41 in)	4740 x 2420 x 1470mm (186.61 x 95.28 x 57.87 in)
Package dimensions (L x W x H)	5700*2310*1900mm (224.41 x 90.94 x 74.80 in) & 3990*1040*1090mm (157.09in x 40.94in x 42.91 in) (2package)	5000 x 2205 x 1715mm (196.85 x 86.61 x 67.52 in) & 3390 x 800 x 1050mm (133.46 x 31.50 x 41.34 in) (2package)
Net weight & Gross weight	3000kg (6614lb) & 3620kg (7973lb)	1550kg (3410lb) & 2280kg (5027lb)
Resolution	600, 900, 1200, 1800, 2400dpi	
Color	CMYK, White/Varnish, LcLm(option)	
Material thickness	Rigid material: ≤ 110 mm (4.33in); Flexible media: ≤ 1 mm (0.039in)	
Ink curing system	UV LED curing system	
Vacuum suction	4 zones	
Ink	UV LED curable ink	
Color validity	3~5 years outdoor and 7~10 years indoor without color fading (Use OMNIColor Inks)	
Ink capacity	1.5L drums, automatic alarm for ink volum shortage	
Ink supply system	Auto negative ink supply	
Media	Glass, Acrylic, Ceramic, Metal, Paper, Wood, Leather, Flex Banner, Wallpaper, Car Sticker, Soft Film, PVC, PP, PE, PTFE.....	
PC Specification	Window7/10/11 64bit . RAM≥8G . HDD≥500G . SSD≥128G . CPU≥Inte I5	
RIP software	Photoprint /PrintFactory/Caldera(option)	
Operation environment	Temperature: 18°C~ 26°C Humidity: 40% ~ 70%	
Image format	Tiff,JPEG,EPS,PDF	
Certification	CE	

* Notice: above specifications are subject to change without prior notice.

Printhead Soleplate

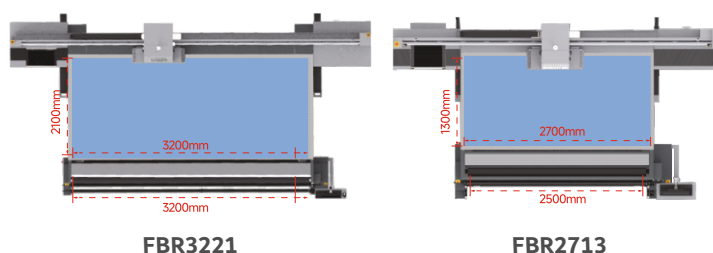


FBR2713 3 rows Ricoh G5/G6

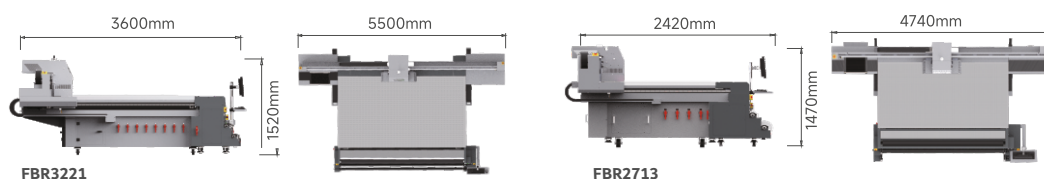


FBR3221 4 rows Ricoh G5/G6

Printing Size



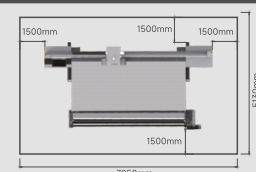
Dimensions



RIP software



Installation space FBR3221



Installation space FBR2713

