



QUANTUM
DIGITAL TECHNOLOGIES

SPARTAN FB Series

UV Flatbed Printer ***SPARTAN FB-2513***

Crafted with Tradition, the Economic Choice



Max.Print speed: 69 sqm/h

Comparison speed : Printing PVC

46 sqm/h
6 pass

35 sqm/h
8 pass

*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

Dual vacuum pump

Media Locating Pins

Auto media height detection



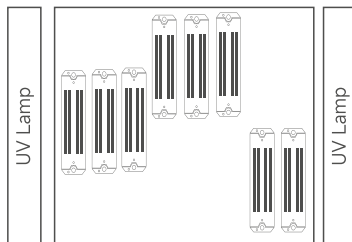
SPARTAN FB-2513



Model	SPARTAN FB-2513		
Printhead	RICOH G5/G6 3 rows		
Resolution	600, 900, 1200, 1800, 2400dpi		
Color	CMYK, White / Varnish, LcLm(option)		
Material thickness	0~110mm (4.33 in)		
Ink curing system	UV LED curing system		
Vacuum suction	4 zones		
Printing size	Maximum Printing Area	2500*1300mm (98.43 x 51.18 in)	
	Maximum Material Size	2530*1350mm (99.61 x 53.15 in)	
Ink	UV LED curable ink		
Color validity	3~5 years outdoor and 7~10 years indoor without color fading (use Sprinter ink)		
Ink capacity	1.5L drums, automatic alarm for ink volum shortage		
Ink supply system	Auto negative pressure ink supply system		
Media	Glass、Acrylic、Ceramic、Metal、Paper、Wood、Leather、PVC、PP、PE...		
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%	
Power supply	Power Maximum:7KW; AC,50HZ/60HZ; 220v(±10%) > 15A		
Image format	Tiff,JPEG,EPS,PDF		
Dimensions(L×W×H)	4460 x 2530 x 1430mm (175.59 x 99.61 x 56.30 in)		
Package dimensions(L×W×H)	5000 x 2200 x 1640mm (196.85 x 86.61 x 64.57 in)		
Net weight & Gross weight	1300kg (2866lb) & 1930kg (4255lb)		
Certification	CE		

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

Printhead Soleplate



3 rows Ricoh G5/G6



Vacuum zone valves



Vacuum zone



Foot switch (Optional)

The vacuum area to hold media is divided into two sections in the X direction of the table, and can be adjusted to the media size you use by opening/closing valves. Besides the operation panel, a foot switch can be used to turn the vacuum on and off.

Ink Supplies

Item		Color	Remarks
UV Ink	#6s3	cyan	1L/bottle
		magenta	
		yellow	
		black	
	#6s3	Lc	
		Lm	
		white	

▲ **Inks and substrates.**

▲ As physical properties of ink (adhesion, weather resistance etc.) are different depending on media, please be sure to have a print test in advance.

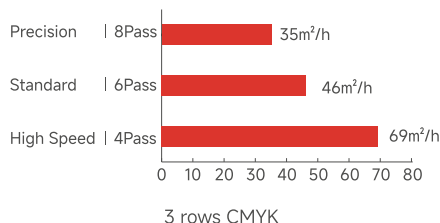
- Depending on the application, primers, other surface treatment or surface protection such as lamination may be necessary.

▲ **Safety notice:**

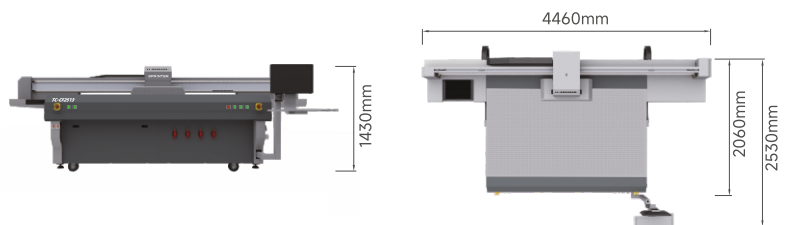
This product is equipped with UV irradiation equipment. Please pay attention to the following notes in order to use safely.

- Do not directly into the UV light source or place your hand, or expose your skin directly to the UV light source.
- Depending upon print mode, some VOC emittance from printed parts may not yet cured and hardened may occur.
- In addition, please be sure to read and follow the instructions and guidelines of the manual carefully.

Print Speed



Dimension



F-12, SPC Free Zone, Sh. Mohd Bin Zayed Road, Sharjah, UAE

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