

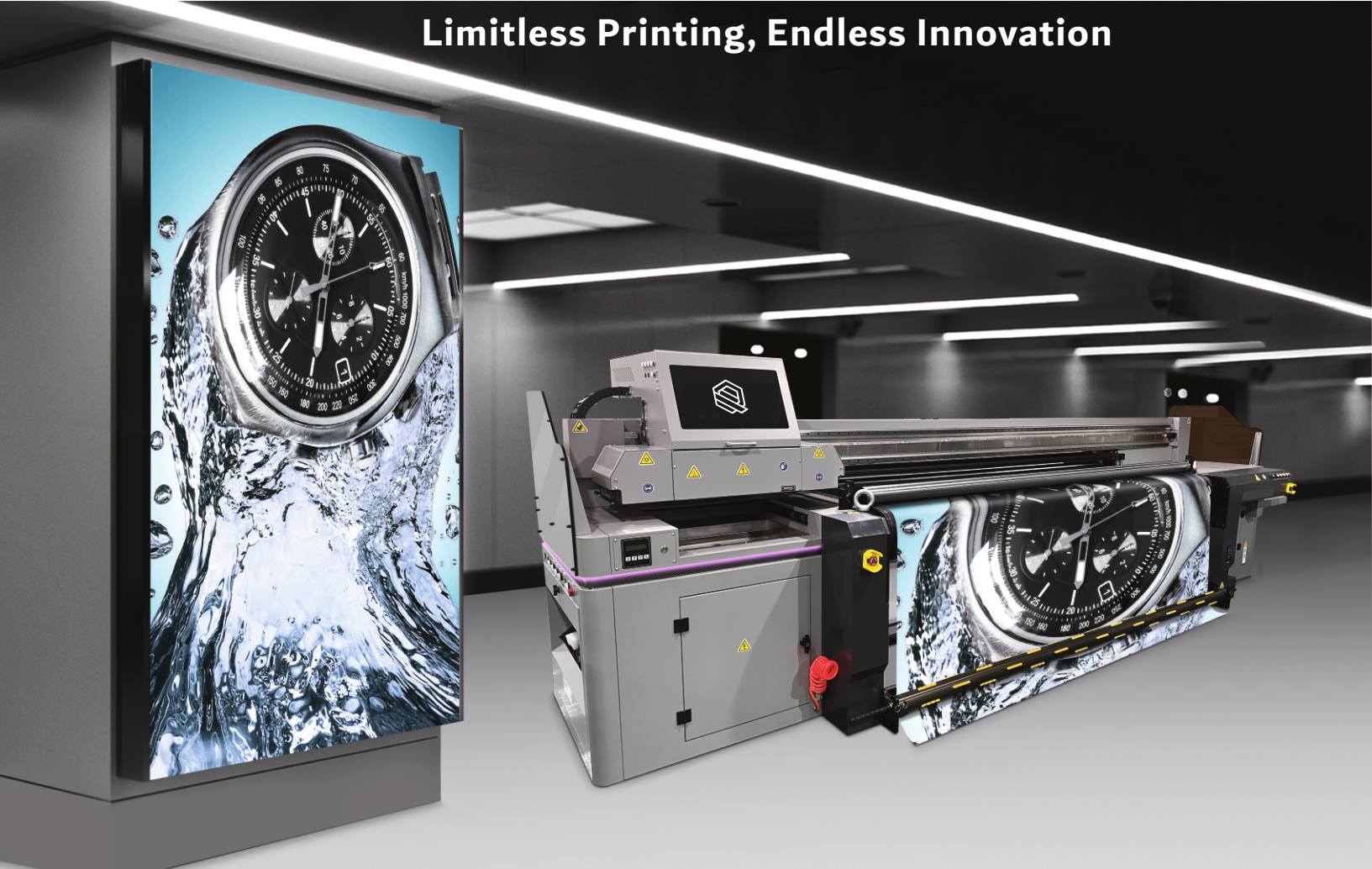


QUANTUM
DIGITAL TECHNOLOGIES

SPARTAN HB Series

2.5m UV Hybrid Printer ***SPARTAN HB2500***

Limitless Printing, Endless Innovation



Max.Print speed 183sqm/h

Comparison speed : Printing PVC

111 sqm/h

479×1080 dpi 3 pass

58 sqm/h

479×1440 dpi 6 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

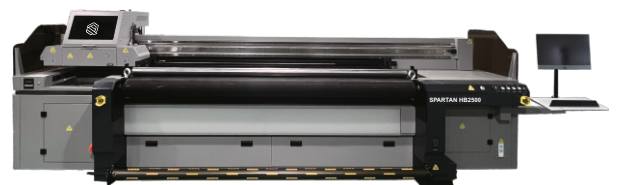


Enhanced operability and functions

New feeding up system with new balance system

Special belt convey system

Flat material printing up to 25mm thick



SPARTAN HB2500

2.5m UV Hybrid Printer

SPARTAN HB2500

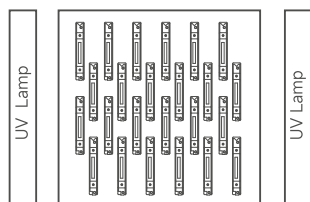


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DIGITAL TECHNOLOGIES

Model	SPARTAN HB2500	
Printhead	Konica1024a 4rows / Konica1024i 4rows	/ Ricoh G5/G6
Resolution	479, 1080, 1440, 2160dpi	/ 363, 1080, 1440, 2160dpi
Color	CMYK, White/Varnish, LcLm (option)	
Material thickness	0~25mm (0.984in)	
Ink curing system	UV LED curing system	
Vacuum Suction	4 zones	
Max Printing width	2500mm (98.4in)	
Ink	UV Curable ink	
Optional	Extension tables*2pcs (This is optional parts)	
Color validity	3~5 years outdoor and 7~10 years indoor without color fading (Use OMNIColor Inks)	
Ink capacity	2.5L 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 64bit . RAM≥8G . HDD≥500G . SSD≥128G . CPU≥Inte I5	
RIP software	Photoprint /Print Factory/Caldera(option)	
Operation environment	Temperature / 18°C~ 26°C	
	Humidity / 40% ~ 70%	
Power supply	Power Maximum:7.2KW; AC,50HZ/60HZ; 220v(±10%) > 15A	
Image format	Tiff,JPEG,EPS,PDF	
Dimensions(LxWxH)	4815 x 1517 x 1605 mm(189.57 x 59.72 x 63.19 in) & 4815 x 3520 x 1605 mm(189.57 x 138.58 x 63.19 in)(with extension tables)	
Package dimensions(L x W x H)	5130*2216*1830mm(201.97 x 87.24 x 72.05in)	
Net weight & Gross weight	2000kg(4409lb) & 2500kg(5512lb)	
Certification	CE	

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

Printhead Soleplate



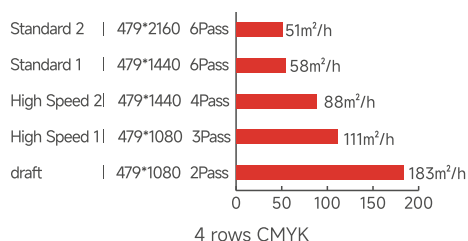
4 rows KM1024a or KM1024i

Ink Supplies

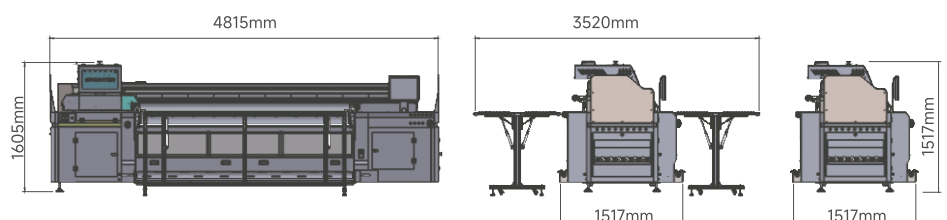
Item	Color	Remarks
UV Ink	#6S4	1L/bottle
	cyan	
	magenta	
	yellow	
	black	
	white	

- ▲ 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 look directly into the UV light source nor place your hand, or expose your skin directly to the UV light source.
 • Depending upon print mode, some VOC emission from printed parts 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



RIP software



(Option)

Extension table (Optional)



Perfect inks: OMNIColor UV

