SPARTAN HB Series

5.3m UV Hybrid Printer

SPARTAN HB5300

Max.Print speed 374 sqm/h

Comparison speed : Printing PVC

219 sqm/h	112 sqm/h
479×1080 dpi 3 pass	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

Special belt convey system

Three-roll printing three times productivity

SPARTAN HB5300

5.36m UV Hybrid Printer

SPARTAN HB5300

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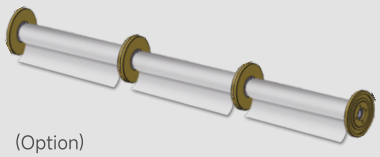
Model	SPARTAN HB5300
Printhead	Konica1024a 4rows / 6rows Konica1024i 4rows / 6rows
Resolution	720, 1080 dpi / 1440, 2160 dpi
Color	CMYK, White/Varnish, Lc, Lm (option)
Material thickness	0~25mm (0~0.984in)
Ink curing system	UV LED curing system
Vacuum suction	8 zones
Maximum Printing width	5300mm(208.66inch)
Ink	UV LED curable ink
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	Paper、Leather、Wallpaper、Soft film、PVC、PP、PE...
PC Specification	Windows7/10 64bit . RAM≥8G . HDD≥500G . SSD≥128G . CPU≥Inte I5
Media handling	Roll to Roll
RIP software	PrintFactory/Photoprint/Caldera (Option)
Operation environment	Temp: 18~26°C; Humidity: 40~70%
Power supply	Power Maximum:13.8KW; AC 50Hz/60Hz; 380V(±10%) > 15A
Image format	Tiff,JPEG,EPS,PDF
Dimensions(L x W x H)	8420 x 2330 x 1920mm (331.5 x 91.73 x 75.59in)
Weight	5600kg (12345.876lb)
Certification	CE

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

RIP software

PrintFactory™
PHOTOPRINT
CALDERA (Option)

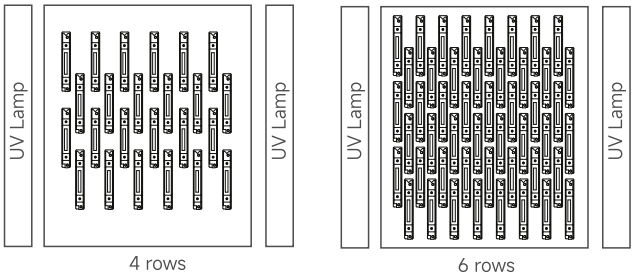
3 feed-up kits (1.27m/50inch for each roll)



(Option)

Perfect inks: OMNICOLOR UV

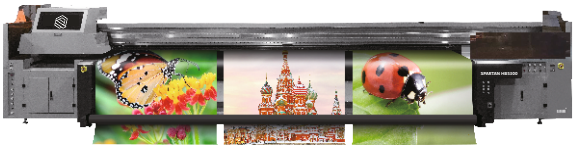
Printhead Soleplate



4 rows and 6 rows for KM1024a or KM1024i

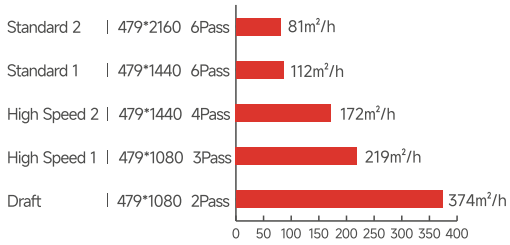
Three-roll Printing Three times productivity

Taking full advantage of the 5300mm printing width, 3 media rolls (1.27m/50inch for each roll) can be mounted for simultaneous printing. Different (or same) print jobs can be printed on the 3 separate rolls. Users can select a preferred width separately for each roll. Power Pro5300 helps to shorten delivery time and reduce workload.



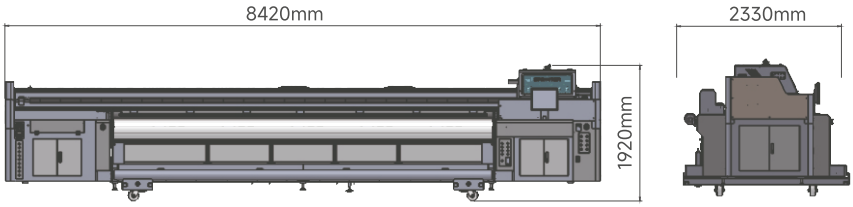
* The option "3 feed-up kits" is required.

Print Speed



6 rows CMYK

Dimension



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