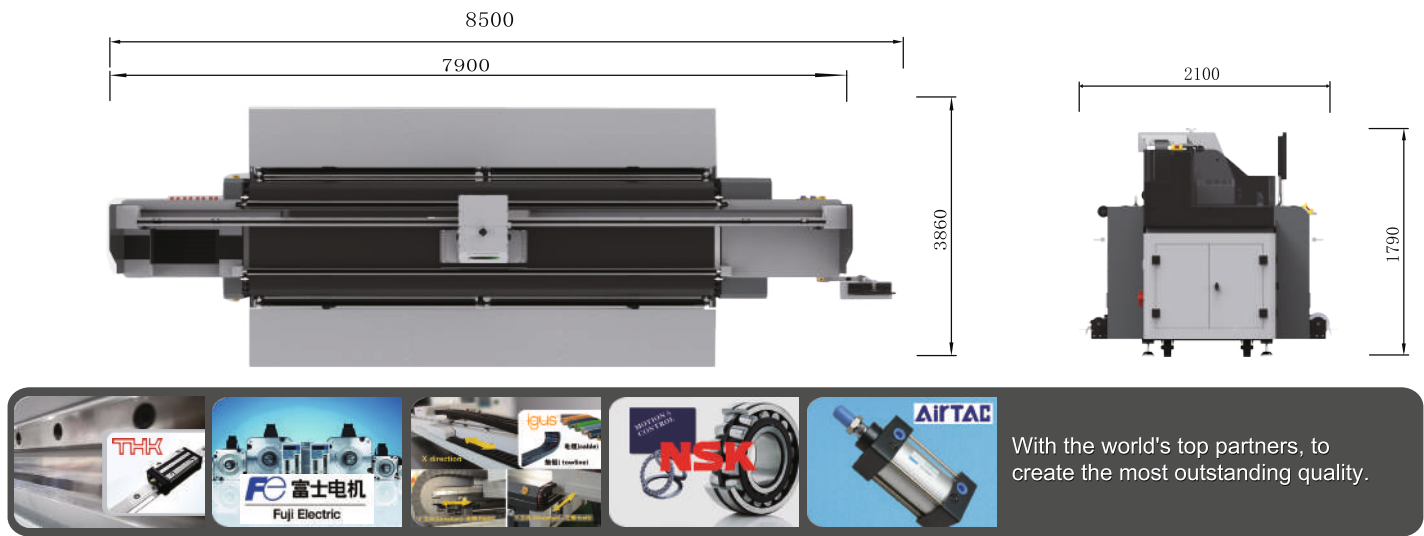




TECHNICAL SPECIFICATION

Model	SPARTAN HB5000			
Printhead	RICOH GEN5 7PL 3-24H	RICOH GEN6 5PL 3-24H	KM6988H 14PL 4-16H	KM1024iSHE 6PL 4-16H
Resolution	600,900,1200,1800,2400 dpi		720,1080,1440 dpi	
Printing speed	160m ² /h - 24 Printheads CMYK x 6R	200m ² /h - 24 Printheads CMYK x 6R	155m ² /h - 16 Printheads CMYK x 4R	
Color	4color/double 4 color/6 color/white or varnish			
Max.material thickness	0mm~25mm			
Ink Curing system	LED-UVCuring lamp			
Air draft	8 air draft divisions adapt to the max working area dimension			
Media handling	Roll to Roll , Conveyor Belt			
Printing size	5000mm			
Ink	LED-UV Curing ink			
Optional	External tables Option			
Ink capacity	2.5L drums, automatic surveillance for shorting of ink, non-stop and ink			
Ink supply system	Auto Negative ink supply			
Media	Glass , Ceramic , Metal , Paper , Leather , Wallpaper , Soft film , PVC , PP , PE			
Control system	Windows7/10 64bit . RAM 8G . HDD 500G . SSD 128G . CPU Intel5			
RIP software	ONYX / Photoprint / Print Factory / Caldera Option			
Operation environment	Temperature	18℃~26℃is more effectively control static and guarantee printed quality		
	Humidity	40% ~ 70%.TO effectively control static and guarantee printed quality		
Power supply	Power Maximum :8.5KW; AC,50HZ/60HZ; 220v(Ñ10%) 15A			
Image format	Tiff,JPEG,EPS,PDF			
Dimensions(L x W x H)	8500 x 2100 x 1790 mm / 8500 x 3860 x 1790 mm external tables Option			
Package dimensions(L x W x H)	8280 x 2260 x 1970 mm & 5480 x 980 x 440 mm external tables Option			
Net Weight & Gross weight	4500kg & 5300kg			
Safety certification	CE Certification			

*Above specifications are subject to change without prior notice.



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A new generation, quality upgrading!



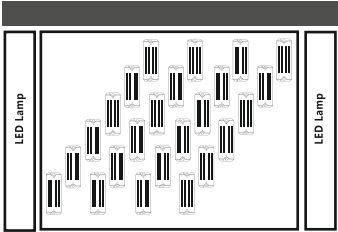
POWER series

UV Belt Conveyor Hybrid Printer

SPARTAN HB5000

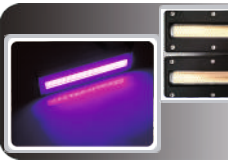
GEN5/GEN6/KM6988H/KM1024iSHE

SPARTAN HB5000 printer is a type of UV Belt Conveyor Hybrid printer in industrial grade which meets customers' production demand for ultra high precision and high speed. It can work in high speed with a high precision of 4/6 colors the printer can meet the demand of handling materials in large quantities.



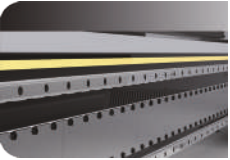
Headplate Scheme(Other Optional,MAX 24 H)

Take Out Potential, Insert Possibilities



Water-cooled high-energy LED-UV curing

Convex spotlight makes stronger light to cure ink, and efficient water-recycling system ensure it works longer time.



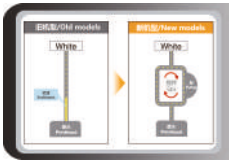
Using magnetic motor

The magnetic motor has the advantages of high positioning accuracy, fast response speed, high sensitivity, safety and reliability, and long service life.



Automatic anti-static system

Anti-statics system is upgraded to eliminate statics at higher efficiency and in larger area.



White Ink Stirring Function

The white ink automatic stirring and precipitation prevention system can prevent the white ink from precipitating and effectively prevent the white ink from precipitating and blocking the nozzle.



Using metal grating

Adopt metal grating, higher accuracy, higher stability, more durable.



Automatic solenoid valve control of ink system

The ink valve system is opened and closed automatically by solenoid valve control.

Multiple printing models, Various printing applications



Rich printing solutions, Makes you RICH



Film print



Ceramic tile



Soft film



Board