

Technical Specifications

Model	POWERPRO HB-5000		POWERPRO HB-5000	
Printhead	RICOH GEN5 7PL		RICOH GEN6 5PL	
Resolution	600x600/600x900/600x1200 dpi			
Printing speed	RICOH GEN5-12H	RICOH GEN5-24H	RICOH GEN6-12H	RICOH GEN6-24H
	4PASS,800 Sqft/hr	4PASS,1600 Sqft/hr	4PASS,1000 Sqft/hr	4PASS,2000 Sqft/hr
	6PASS,600 Sqft/hr	6PASS,1200 Sqft/hr	6PASS,800 Sqft/hr	6PASS,1600 Sq.ft/hr
	8PASS,400 Sqft/hr	8PASS,800 Sqft/hr	8PASS,500 Sqft/hr	8PASS,1000 Sq.ft/hr
Color	4color/6 color/white and varnish			
Material thickness	0-25mm			
Ink drying system	LED lamp curing system			
Vacuum platform	Belt flatbed with vacuum divided into 8 different zones.			
Printing size	Max. 5000mm *limitless			
Ink	UV Curable inks			
Optional table	work table *2pcs			
Ink supply system	Auto Negative ink supply			
Media	Glass, PMMA, ceramic, Metal, Wood, Leather, flex banner, Wallpaper, film, PVC, etc.			
Control system	Window7/10 64bit			
RIP software	Photoprint / ONYX			
Operation environment	Temperature	18°C~ 26°C is more effectively control static and guarantee printed quality		
	Humidity	40% ~ 70%.TO effectively control static and guarantee printed quality		
Power supply	Power Maximum:7.5KW; AC,50HZ/60HZ; 220v(±10%)>15A			
Image format	Tiff, JPEG, EPS, PDF			
Dimension(L x W x H)	8500 x 2100 x 1790 mm / 8500 x 3860 x 1790 mm (extension table Option)			
Package dimensions(L x W x H)	8280 x 2260 x 1970 mm & 5480 x 980 x 440 mm (extension table Option)			
Net weight & Gross weight)	4500kg & 5300kg			

PIXELJET®

POWERPRO HB- 5000

EXPAND YOUR POTENTIAL

With Ultrawide Hybrid
Digital UV Printers
5 Meters.



Brought to you by:

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Static Elimination
Static exists on material, especial in dry environment with static elimination system, it can efficiently decrease the route change of ink dropping caused by static on material, ensure printing quality.



Flatbed Vacuum System
Belt table has vacuum system with 8 zones separately controlled. Strong vacuum power to make media stick on flatbed belt.



UV-LED Curing System
LED curing doesn't produce much heat. So heat-sensitive media can be printed and cured without material damage. The curing power is adjustable Besides, UV-LED curing system also has a longer lifetime. And it is maintenance free and eco-friendly.



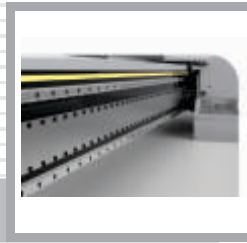
Auto media height detection
It can measure the height of media and adapt to the height for print automatically. It can print media with thickness up to 50mm.



Anti-Crash Protection
The carriage will stop moving when it hit subject in its way to protect the printhead. It has two sensors on both sides of carriage.



High-resolution encoder
The encoder on this machine is metal encoder with resolution upto 1um. It can ensure print heads moving exactly where it directed. Make sure each ink-dot drop down the right-postion.



Magnetic Technology
Comparing to traditional servo motor+belt system. Linear motor reduces transmission parts, cut down failures and decrease the maintenance rate. In particular, it provides higher speed for printhead moving, which increased productivity in a great scale and good quality output.

Applications



Embossed Effect
Embossed effect refers to the image that you can feel its curves when you touch it with your finger. This has been widely used art/decoration paintings.



Double-side seeing
It can print multiple layers. So with this machine you can print color+white+ color mode, which brings out a vision of image from both front and back sides.



Shiny Photos
With the usage of varnish, you can get a stunning shiny printing works. You can choose to use varnish on part or full of the image.



Print 3D image
3D-vision designs, as creative culture, become more and more popular. This machine can exactly print out the 3D Vision designs, make it looks real.

