

YD-R1800R5



- Anti-collision device
- Thermostatic cartridge system, keeping consistent ink viscosity
- Automatic materials thickness measurement
- Integrated steel frame structure

Ricoh Gen5 industrial print head

Adopting new 2-8 pcs grey level Ricoh Gen5 internal heating industrial micro Piezo print head, 4-8 colors optional (6 color or 6+white and Varnish), variable drop printing (7pl-35pl), ink droplet is more intensive, multi-color printing, the colors are brighter, the printer can clearly print 2pt font, not only print with high resolution (up to 600x2400DPI), but also can print with high speed. What is more, working performance is stable, so it is very suitable for longtime working, 24 hours running. If maintained in good condition, the life time of print head can reach about 5 years.



Constant tension control

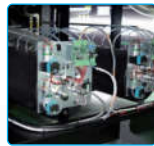
Protecting material from wrinkling while printing.

Negative pressure system

Making the ink supply more smoothly, can avoid the phenomenon of leaking ink and can save ink.

UV-LED curing lamp

Efficient UV-LED ink curing system, delivers more outstanding curing effect, energy-saving compared to mercury lamp, long service life up to 30000hrs.



RICOH PRINTHEAD	SPEED 68M ² /H	7PL	8COLORS	600x2400 DPI
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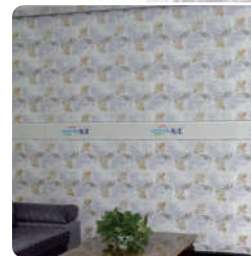
Specification

Model	YD-R1800R5
Print Head	Ricoh-Gen5 grey level piezo print head
Number of heads	2-8pcs(4-8 colors optional)
Print resolution	600x2400dpi
Print width	1800mm(5.9ft)
Material type	roll to roll material
Material thickness	Up to 50mm(2in)
Ink type	Eco-friendly UV curing ink (NO VOC), Disperse(Optional)
Ink color	CMYK, Lc, Lm, W, V(Optional)
RIP software	Onyx
Input format	PDF, JPEG, TIFF, EPS, AI
Printer weight	1000KG
Printer size	3750mm[L]x1000mm[W]x1550mm[H](12.3ft x 3.3ft x 5.1ft)
Package size	4050mm[L]x1290mm[W]x1760mm[H](13.2ft x 4.2ft x 5.8ft)
Power requirement	220V/AC (±10%) , 50 / 60 Hz, 3.7KW
Working environment	Separate, little sunlight, ventilated workshop. Temperature:18° C~30°C (64°F~86°F) Humidity: 30% ~ 70% (Non-condensing) Ventilation equipment: Suggest Overhead exhaust fan, displacement 600 cfm

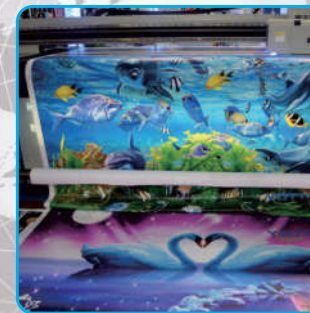
Samples show

YD-R1800R5 roll to roll UV printer application:

Flexible materials: wall paper, advertising cloth, car sticker etc.



Wallpaper printing



Roll materials printing



PVC film



yottaprinter.com