

Roll To Roll Series

YD-R5000

Super large format printing size

Main Feature:

1. Ricoh Gen5, Ricoh Gen6, Kyocera grey level piezo print head available;
2. 5m super width printing size, and printing double 2.4m roll materials at the same time with incomparable accuracy;
3. All steel frame welding, linear motor and metal grating ruler to achieve incomparable accuracy printing;
4. Print 6 color and white, coordinate color control printing software from YOTTA to let pattern full and bright color;
5. Front and back double feeding roll shaft, convenient loading and unloading.



Ricoh Gen6



Ricoh Gen5



Kyocera



KYOCERA
PRINTHEAD



SPEED
68M²/H



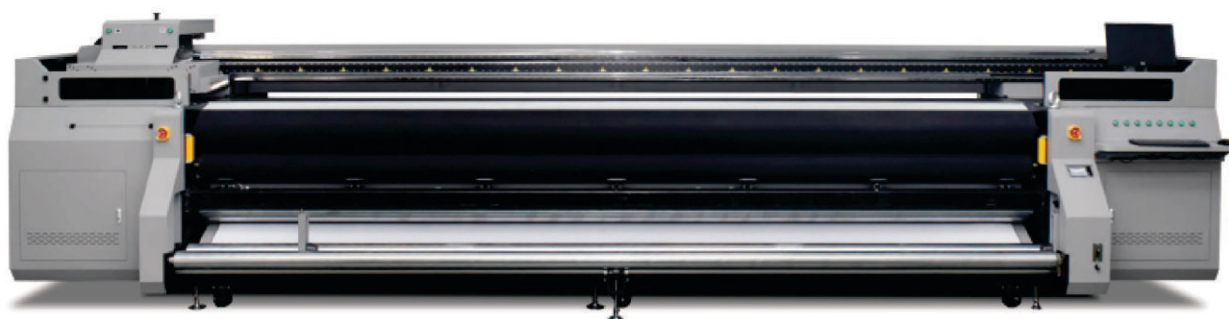
5PL



8COLORS



600X
2400
DPI



High precision peristaltic pump

High precision peristaltic pump, high accuracy control ink flow, ink circulation more smooth.



Automatic materials thickness measurement

Automatically measure the thickness of materials. Precise, time and labor saving.



Double purposes in one machine:

With two printing functions that can print both flat and roll materials.

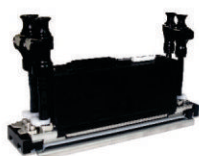
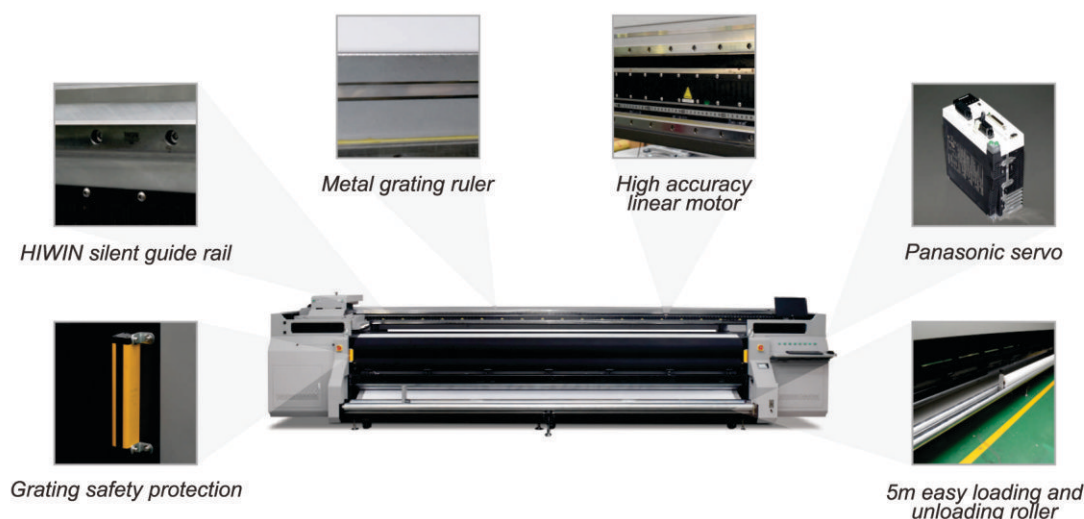


Specification

Model	YD-R5000
Print Head	Ricoh-G5/G6/Kyocera print head(Optional)
Number of heads	2-8pcs(4-7 colors optional)
Print resolution	635×2400dpi
Print width	5000mm(16ft)
Material type	Rigid and flexible material, roll to roll material
Material thickness	Up to 50mm(2in)
Ink type	Eco-friendly UV curing ink (NO VOC)
Ink color	CMYK, Lc, Lm, W(Optional)
RIP software	Onyx, PhotoPrint
Input format	Adobe Postscript Level 3, PDF, JPEG, TIFF, EPS, AI
Printer weight	5000KG
Printer size	8600mm[L]×2300mm[W]×1900mm[H](28.2ft × 7.6ft × 6.3ft)
Package size	8720mm[L]×2450mm[W]×2000mm[H](28.6ft × 8ft × 6.6ft)
Power requirement	220V/AC (±10%), 50 / 60 Hz, 8.5 KW(38A)
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

Application: Flexible materials: paper, wall paper, leather, clothes etc.

Product configuration



Kyocera is a high speed industrial print head, ignition frequency 30KHz, 4pl droplet and print resolution 635*2400dpi. One print head can print double color, internal heating function to keep the constancy of ink viscosity. Printing width is 112.35mm, single nozzle can print 40,000 droplet per second, and overall one print head can print over 1 billion droplet per second. Low trouble rate, long lifetime, it is especially suitable for large-area panel or roll media.