

YD-H5000KJ



Ultra-high precision metal scale

Constant tension control system

It can print 2 roll materials with 2.5m

Secondary ink carriage negative pressure system

Kyocera KJ4A Industrial Print head

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.



Automatic rectify deviation system

Control belt moving in a certain range, ensure the printing precision.

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-H5000KJ		
Print Head	Kyocera KJ4A grey level piezo print head		
Number of heads	2-8pcs(4-7 colors optional)		
Print resolution	635×2400dpi		
Print speed	4 Pass	6 Pass	8 Pass
	72M ² /h(single row); 144M ² /h(double row)	48M ² /h(single row); 96M ² /h(double row)	36M ² /h(single row); 72M ² /h(double row)
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	PhotoPrint, Onyx		
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		

Samples show

YD-H5000KJ hybrid UV printer application:

Rigid material: glass, ceramics tiles, metal, wood, plastic sheet, acrylic, KT, PVC, Melamine board, marble board etc.

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



Waterproof wallpaper



Outdoor Advertising



Integrated ceiling