

Hybrid Printer Series

YD-H1800-D

Multi-purpose economical model

Main Feature:

1. Ricoh Gen5, Ricoh Gen6, Kyocera grey level piezo print head available;
2. Ink tank liquid display and alarm design, ink remaining amount is clear and alarm function for low ink amount to avoid equipment lack ink;
3. Secondary cartridge adjustable temperature design to application for difference temperature;
4. Print roll to roll materials and plate material, multi-purpose, cost saving;
5. Front and back double compression roller design, plate printing stable and consistent.



High precision metal grating ruler

High precision wear-resisting metal grating ruler, high positioning accuracy release the printing speed of Gen6 head.



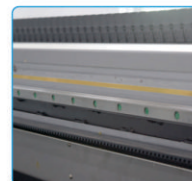
Automatic materials thickness measurement

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



Anti-collision device

Carriage automatically stops when colliding with obstacles. It prevents carriage and print head from damage, also protects human safety.

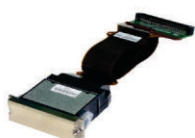


Specification

Model	YD-H1800-D
Print Head	Ricoh-G5/G6/Kyocera print head(Optional)
Number of heads	2-8pcs(4-8 colors optional)
Print resolution	600×2400dpi
Print width	1800mm(5.9ft)
Material type	Rigid and flexible material, flat and 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, V(Optional)
RIP software	PhotoPrint
Input format	Adobe Postscript Level 3, PDF, JPEG, TIFF, EPS, AI
Printer weight	1400KG
Printer size	4000mm[L]×1888mm[W]×1655mm[H](13.1ft×6.2ft×5.4ft)
Package size	4200mm[L]×2100mm[W]×2000mm[H](13.8ft×6.9ft×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

1800 series UV hybrid printer use compression the design of double pressure rollers, it can effectively maintain the balance during the printing process of the plate, maintain the printing accuracy, and cooperate with the extended platform to extend the printing length infinitely.

Product configuration



Equipped with 2-8pcs grey level Ricoh Gen6 industrial printhead, 4-8 colors are optional, printing resolution is 600×2400dpi, ignition frequency is up to 50kHz, which increases the amount of ink per unit time by 80% and reduces the printing time by up to 50%, improve the printing speed. The GEN6 is one head for two color, variable ink drop is 5-15PL, Can achieve smoother and more delicate printing quality.