

# GD-1800H

## 1.8m Hybrid UV Machine



The image shows two grids of colored squares. The first grid is 4x4 and contains the letters C, M, Y, and K in a repeating pattern. The second grid is 4x6 and contains the letters C, M, Y, K, LC, LM, W, and V in a repeating pattern.

CMYK / CMYKLcLm + W + Varnish

**2400  
dpi**  
Max Resolution



Variable Drop



Simple Operation



Continuous printing



## >> Technical Characteristics

- Standard extension platform, perfect competent to print both roll and rigid media.
- Cold light LED curing with tiny temperature variation ensures high printing quality.
- Adjustable head height, laser positioning system and movable printing platform result in high-efficiency printing jobs.
- Air-shaft take up system makes more stable paper collecting.
- Stable printing technology and ink supply system reduces maintenance cost.
- International ICC standard with profile curve adjustment function.

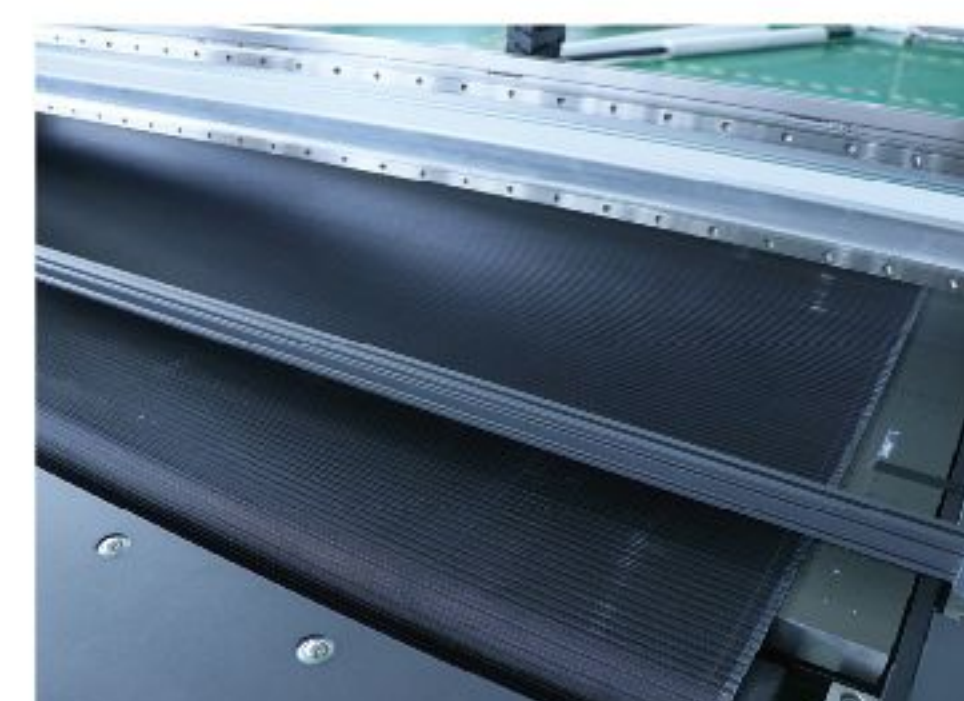
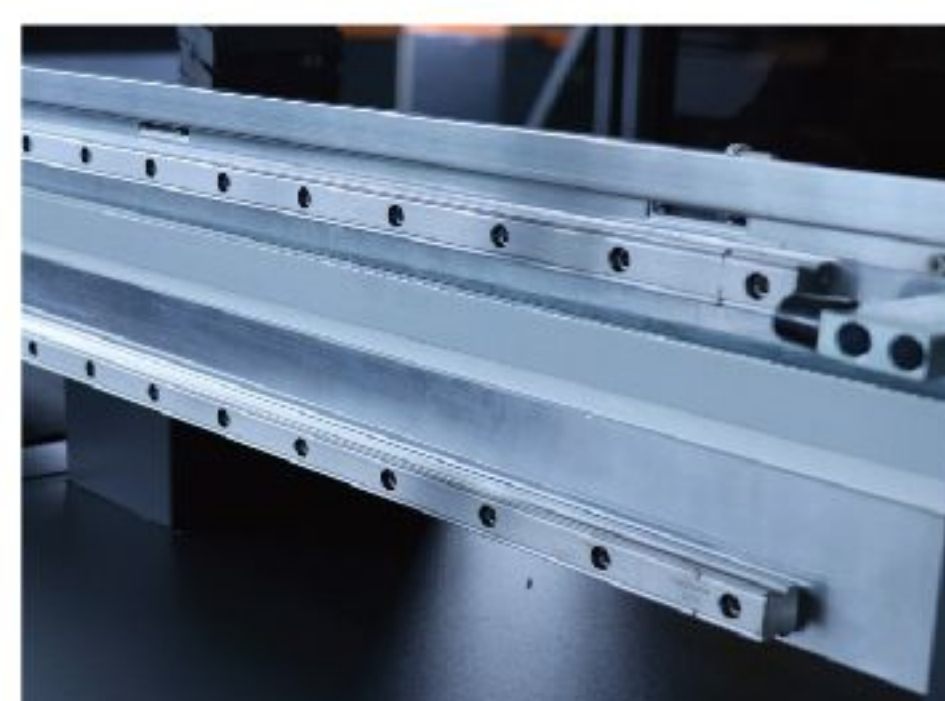
5pcs Ricoh Gen5 Heads(2+1+2)	CMYK	CMYK+W	CMYK+W+CMYK
4PASS - PRODUCTION MODE:	32 sqm/h	26 sqm/h	18 sqm/h
6PASS - QUALITY MODE:	26 sqm/h	17 sqm/h	12 sqm/h
8PASS - HIGH QUALITY MODE:	15 sqm/h	13 sqm/h	9 sqm/h

## >> Technical Specifications

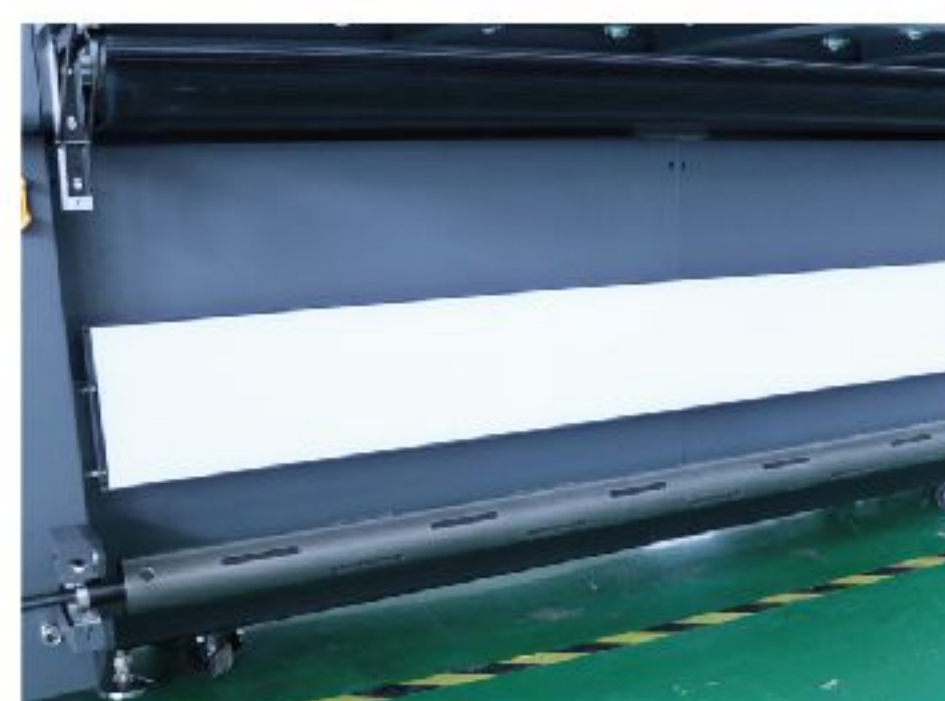
Model	GD-1800H
Print Head Type	Ricoh Gen5 / Gen6
Head Number	3-9 pcs optional
Printing Size (W*D)	1800(X)*1000mm(Y)
Printing Technology	Gray scale piezoelectric inkjet technology
Maximum Resolution	2400dpi
Ink Type	LED UV Ink Continual Ink Supply Systems (2.5L Ink Tank) C/M/Y/K/Lc/Lm/W/Varnish
Media Thickness	≤50mm
Color Control	ICC standard, adjustment of ICC and density
RIP	ONXY
Environment	Temperature: 18℃-26℃, Humidity: 30%-75% (RH)
Power Consumption	Printing mode:5000W Sleep mode:600W
Printer Dimension	3,630(L) x1,132(W) x 1,400H)(Unit : mm)
Packing Dimension	3,750(L) x1,300(W) x 1,800H)(Unit : mm)
Packing Weight	1.4T



Integrated belt & flatbed media feeding system is competent to print both roll and rigid media. Folding extension frame saves space and cost as well. Independent widened platform is able to accommodate more materials. Air-shaft take up system makes more stable paper collecting.



Dual mute THK guide rails ensure stability of printing and high quality printing output. The sheet media is automatically positioned, and the assistance of the front pressure bar makes the material more smooth, ensuring the accuracy of printing. Automatic height measurement system, adjust the distance between the baseplate and the media automatically to guarantee the best quality.



Front LED lamp enhances the accuracy of color and makes the printing output more real. Multifunctional vacuum platform is divided into six areas to control accordingly with adjustable vacuum power. The material is always in good status during the printing process to avoid wrinkling. Bulky ink with ink alarm system represents the advanced concept of industrial application to ensure long-term stable printing.

