OR-1800H / 2500H UV

1.8m / 2.5m Hybrid UV Machine （Ricoh Gen5/Gen6）

ORIC 欧瑞卡

CMYK+W+CMYK
Multilayer printing
to build layered

ORIC UV Ink

C M Y K
C M Y K W
C M Y K W V

4 x G5/G6	5 x G5/G6	6 x G5/G6	7 x G5/G6	9 x G5/G6
W + CMYK + V	CMYK + W + CMYK	CMYK x 3	CMYK+CMYK+W+CMYK	CMYK + W + CMYK
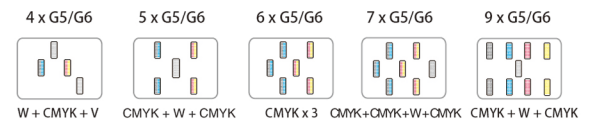
Wide application: coils: soft film · knife scraping cloth · 3P cloth · lamps · canvas · transparent film · car sticker · single transparent · label sticker · PET & PVC · all kinds of cardboard · gold and silver paper · leather · non-woven fabric · wallpaper · wall cloth, etc.; and ultra-transparent glass sticker and other advertising decoration materials to complete color white bronzing, frosted, hollow and other printing schemes!

5pcs Ricoh Gen5 Heads(2+1+2)（CMYK+W+CMYK）:

OR-1800H （G5x5）	CMYK	CMYK+W	CMYK+W+CMYK
4PASS - PRODUCTION :	32 sqm/h	26 sqm/h	18 sqm/h
6PASS - QUALITY :	26 sqm/h	17 sqm/h	12 sqm/h
8PASS - HIGH QUALITY :	18 sqm/h	13 sqm/h	9 sqm/h

5pcs Ricoh Gen6 Heads(2+1+2)（CMYK+W+CMYK）:

OR-1800H （G6x5）	CMYK	CMYK+W	CMYK+W+CMYK
4PASS - PRODUCTION :	41 sqm/h	33 sqm/h	23 sqm/h
6PASS - QUALITY :	33 sqm/h	22 sqm/h	15 sqm/h
8PASS - HIGH QUALITY :	23 sqm/h	17 sqm/h	11 sqm/h

5pcs Ricoh Gen5 Heads(2+1+2)（CMYK+W+CMYK）:

OR-2500H （G5x5）	CMYK	CMYK+W	CMYK+W+CMYK
4PASS - PRODUCTION :	45 sqm/h	36 sqm/h	25 sqm/h
6PASS - QUALITY :	36 sqm/h	24 sqm/h	17sqm/h
8PASS - HIGH QUALITY :	21 sqm/h	18 sqm/h	13 sqm/h

5pcs Ricoh Gen6 Heads(2+1+2)（CMYK+W+CMYK）:

OR-2500H （G6x5）	CMYK	CMYK+W	CMYK+W+CMYK
4PASS - PRODUCTION :	58 sqm/h	46 sqm/h	32 sqm/h
6PASS - QUALITY :	46 sqm/h	31 sqm/h	22 sqm/h
8PASS - HIGH QUALITY :	27 sqm/h	23 sqm/h	16 sqm/h

● Technical Specifications

| Model		OR-1800H UV	OR-2500H UV
Print Head		3-12 pcs optional xG5 / G6	
Printing Technology		Gray scale piezoelectric inkjet technology	
Acceptable Media	Width	1830 mm	2530 mm
	Thickness	1-35 mm	1-35 mm
	Weight	200kg paper tube, standard front and rear gas rise shafts	
Printing Width		1800 mm	2500 mm
Ink	Type	LED UV Ink	
	Capacity	Continual Ink Supply Systems (2.5L Ink Tank)	
	Color	CMYK / Lc / Lm / W / V	
Printing Resolution		Maximum 2400 dpi	
Ink Curing Unit		Dual UV LED Lamps (Water-cooling UV lamp)	
Interface		Gigabit network port	
Power Supply		AC 220V±10%, 16A , 50/60 HZ	
RIP		Rinpint / PhotoPrint	
Dimensions(with stand)		stand size : 3630 x 2100 x 1400 mm	stand size : 4300x2100x1550 mm
		No stand size : 3630 x 1132 x 1400 mm	No stand size : 4300x1100x1550 mm
Weight(with stand)		1000 kg	1500 kg
Environment	Power on	Temperature:59F to90F [15C to 32C] (68 F [20C]/ Humidity: 35 to 80% (no condensation)	
	Power off	Temperature:41F to 104 F [5C to 40C]/ Humidity: 20 to 80% (no condensation)	
Accessories		USB cable, media clamp, manual, drain bottle, ink cartridges, RIP software, etc.	

● 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.

Equipment parameters
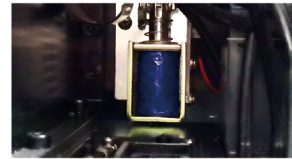
Material height measurement system
Automatically detect the thickness of the material, adjust the printing height, and meet the printing of 35mm media height.
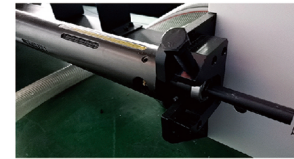
Front and rear expansion shaft receiving and discharging system
A more convenient receiving and discharge structure can meet a variety of materials of different thickness specifications.
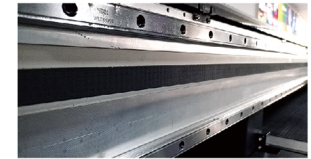
THK high-precision silent dual rail
Effectively reduce the noise of the working environment and improve the printing accuracy and stability of the car.
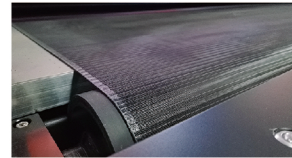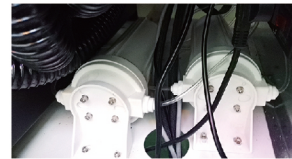

High-strength transmission belt device - special high-strength low-tensile belt, no deviation, no deformation, long service life


Adopt an international universal ink supply system to ensure stable ink supply in high-speed printing.

2.5L large ink barrel, automatic ink shortage alarm, timely reminder of ink addition

Double lung function
Automatic adjustment and independent white ink negative pressure system effectively avoid white ink droplets and other problems caused by negative pressure sharing, making white ink printing smoother.
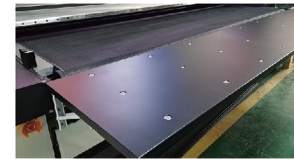
Front and rear extension support frame
Perfectly realize the integrated printing of plates and rolls, and realize the advantages of multi-purpose one machine.

Vacuum suction platform control system
Partition suction platform: choose different regional air cavities according to the size of the material to realize the dual use of plate and coil.