

Model		HT1610UV		HT2512UV		HT2518UV		HT3116UV		HT3020UV	
Printhead	Ricoh Gen5	Ricoh Gen6	Ricoh Gen5	Ricoh Gen6	Ricoh Gen5	Ricoh Gen6	Ricoh Gen5	Ricoh Gen6	Ricoh Gen5	Ricoh Gen6	
Quantity of printheads	2-4pcs (Single row)	2-4pcs (Single row)	4-8 pcs (Double rows)	4-8 pcs (Double rows)	4-8 pcs (Double rows)	4-8 pcs (Double rows)	4-8 pcs (Double rows)	4-8 pcs (Double rows)	4-8 pcs (Double rows)	4-8 pcs (Double rows)	
Resolution	1200*1200dpi										
Print speed	Draft	20㎡/h	27㎡/h	42㎡/h	60㎡/h	48㎡/h	62㎡/h	50㎡/h	68㎡/h	54㎡/h	70㎡/h
	Production	13㎡/h	20㎡/h	30㎡/h	45㎡/h	32㎡/h	45㎡/h	36㎡/h	45㎡/h	38㎡/h	46㎡/h
	Quality	10㎡/h	15㎡/h	21㎡/h	32㎡/h	23㎡/h	34㎡/h	23㎡/h	36㎡/h	27㎡/h	37㎡/h
Print mode	Unidirectional and bidirectional										
Max width	1.6m *1.0m		2.5m * 1.2m		2.5m * 1.8m		3.1m * 1.6m		3.0m * 2.0m		
Max media thickness	100mm										
Media type	Rigid and flexible flat materials										
Ink	Environmental friendly UV curable ink(VOC free)										
Ink color	C、M、Y、K、Lc、Lm、W (varnish is optional when there is no Lc and Lm)		C、M、Y、K、Lc、Lm、W、V								
Image format	Adobe Postscript Level3、PDF、JPEG、TIFF、EPS、AI										
Machine size(L*W*H)	344m*221m*128m		4.67m * 2.51m * 1.38m		4.67m*3.03m*1.38m		5.22m * 2.71m * 1.38m		5.22m*3.24m*1.38m		
Machine net weight	570KG		1150KG		1300KG		1450KG		1520KG		
Machine gross weight	990KG		1745KG		2000KG		2160KG		2330KG		
Power consumption	5.3KW(27A)		8.3KW(20A)								
Power supply	230VAC.50Hz L/N/PE		400VAC.50Hz 3P/N/PE								
Certification	CE, FCC										
RIP support	Onyx, Caldera										
UV Curing	Mercury vapor UV lamps, LED(optional)										
Interface	High Speed PCIE										
Environment	Seperated workroom in good cleaning and ventilated condition, avoid direct sunlight Temperature: 18℃ – 30℃(64°F-86°F) Constant Humidity: 30%-70%										

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Create value for customers; be a world-leading manufacturer of smart digital printing equipment.

- Diversified product configuration and application solution can match the different demand in advertising, decorating, glass and other industries.
- Reliable stability combines the outstanding printing quality and speed performance.
- Top-level R&D team ensures prompt optimization and upgrade for new products and keep advanced technology in digital printing field.
- Strong worldwide after-sales service team quickly shoots your problem.
- High cost-value product brings you more business.



HT3116UV/HT3020UV/HT2512UV/HT2518UV/HT1610UV

HT3116UV Flatbed

3.1*1.6m MEDIA AREA

HT2512UV Flatbed

2.5*1.22m MEDIA AREA

HT2518UV Flatbed

2.5*1.8m MEDIA AREA

HT3020UV Flatbed

3.05*2.05m MEDIA AREA

HT1610UV Flatbed

1.6*1.0m MEDIA AREA

1 Automatic negative pressure system

Using PCB board to control negative pressure, setting the negative pressure data from software.

2 Ricoh Gen5 Print Heads(one head with 2 colors)

Featuring variable dots, true grayscale imaging 7, 14, and 21pl.

Ricoh Gen6 Print Heads(one head with 2 colors)

Featuring variable dots, true grayscale imaging 5, 10, and 15pl.

3 UV-curing Lamps/LED(optional)

Instant curing of UV ink for fast production. Flexible to be controlled during printing.

4 Auto Height Detection System

Automatically detects height of media up to 100mm thickness and calibrates print head distance for variable dot placement.

5 Emergency Stop Switches

Stop operation from any corner when the printer is in emergency.

6 Power vacuum & Lamp Switch

Switches for vacuum table and lamps.

7 Mechanical Pin Registration System

Pin registration for accurate and consistent rigid media placement.

8 Reversible Vacuum Valve

Reverse the air vacuum for easier rigid media loading and unloading.

9 Reversible printing function & Repeat printing mode

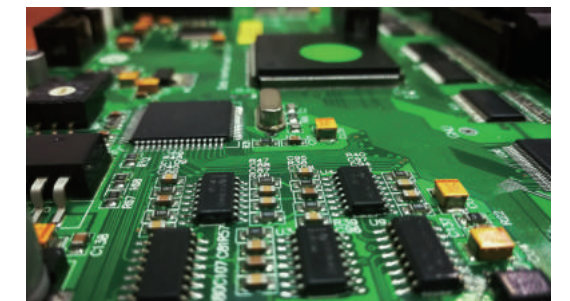
Both reversible and repeat printing mode enables a higher efficiency in production.

10 Static suppression(optional)

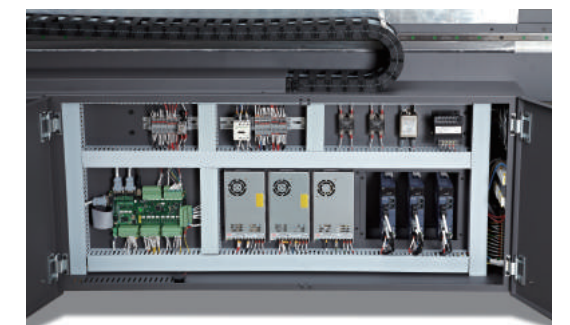
Optional static suppression kit that eliminates static on the substrate.

11 On Board Control Module

Rich functions, self-developed software, independent control module, efficient and convenient.



Self-developed, customized driver and PCB board



Industrialized wiring makes it more artistic

Ricoh Gen5 Printhead

Nozzle quantity : 1280

Physical Resolution : 600dpi

Pico-liter : Variable 7-14-21pl

Max Operating Frequency : 30Khz

Effective Print Width : 54.1mm



Ricoh Gen6 Printhead

Nozzle quantity : 1280

Physical Resolution : 600dpi

Pico-liter : Variable 5-10-15pl

Max Operating Frequency : 50Khz

Effective Print Width : 54.1mm

