SPECIFICATIONS

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
Print speed Production	13㎡/h	20㎡/h	30㎡/h	45㎡/h	32㎡/h	45㎡/h	36㎡/h	45㎡/h	38㎡/h	46㎡/h
Print speed 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)	3.44m*2.21m*1.28m		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˚C – 30˚C(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

HT3020UV Flatbed
3.05*2.05m MEDIA AREA

HT2512UV Flatbed
2.5*1.22m MEDIA AREA

HT1610UV Flatbed
1.6*1.0m MEDIA AREA

HT2518UV Flatbed
2.5*1.8m 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.

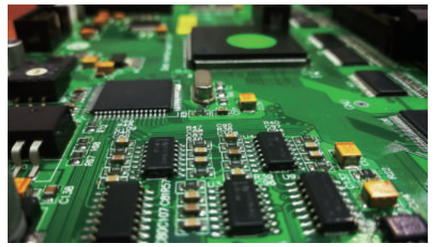
8 Reversible Vacuum Valve
Reverse the air vacuum for easier rigid media loading and unloading.

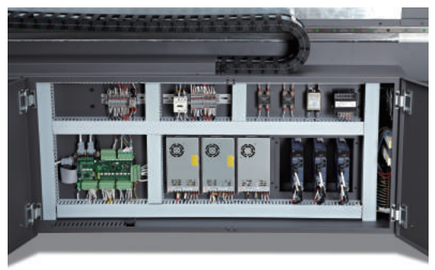
9 Reversible printing function & Repeat printing mode
Both reversible and repeat printing mode enables a higher efficiency in production.

10 Top Printing Speed:Up to 91 m² / hr (HT3020)
Engineered for high-quality printing and outputs up to 91m²/hr with full bleed capacity.(HT3020 kyocera with double rows)

11 Static suppression(optional)
Optional static suppression kit that eliminates static on the substrate.

12 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