SPECIFICATIONS

Model		HT1600UV		HT2500UV		HT3200UV		
Printhead		Ricoh Gen5	Kyocera KJ4A	Ricoh Gen5	Kyocera KJ4A	Ricoh Gen5	Kyocera KJ4A	
Quantity of printheads		2-4pcs (Single row)	2-4 pcs (Single row)	4-8 pcs (Double rows)	3-4 pcs (Single row)	4-8 pcs (Double rows)	4-8 pcs (Double rows)	10 pcs (symmetric array)
Resolution		1200*1200dpi						
Print speed	Draft	22㎡/h	36㎡/h	48㎡/h	55㎡/h	55㎡/h	100㎡/h	155㎡/h
	Production	14㎡/h	27㎡/h	33㎡/h	38㎡/h	40㎡/h	75㎡/h	116㎡/h
	Quality	10㎡/h	20㎡/h	23㎡/h	26㎡/h	32㎡/h	53㎡/h	86㎡/h
Print mode		Unidirectional and bidirectional						
Max width		1.6m		2.5m		3.2m		
Max media thickness		50mm						
Media type		Rigid and flexible flat materials						
Ink		Environmental friendly UV/LED 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、V、W				
Image format		Adobe Postscript Level3、PDF、JPEG、TIFF、EPS、AI						
Machine size(L*W*H)		4.15*1.19*1.33M		5.49*1.15*1.38M		6.19*1.59*1.56M		
Machine net weight		760KG		1280KG		2260KG		
Machine gross weight		1170KG		1875KG		3130KG		
Power consumption		5.3KW(27A)		8.0KW(20A)		9.0KW(20A)		
Power supply		230VAC. 50Hz L/N/PE		400VAC. 50Hz 3P/N/PE				
Certification		CE, FCC						
RIP support		Caldera, Onyx						
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.

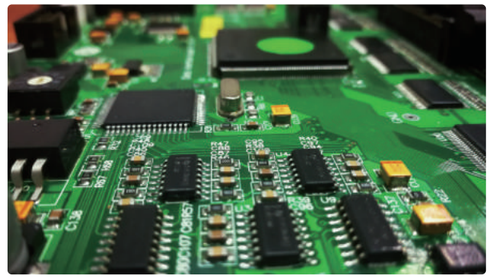
- Diversified product configuration and application solution can match the different demand in advertising, decorating, glass and other industries.
- Reliable stability combines the outstanding printing quality and speed performance.
- Top-level R&D team ensures prompt optimization and upgrade for new 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.

HT3200UV/HT2500UV/HT1600UV Hybrid Printer

HT3200UV Hybrid
3.2m width MEDIA AREA

HT2500UV Hybrid
2.5m width MEDIA AREA

HT1600UV Hybrid
1.6m width MEDIA AREA



Self-developed, customized driver and PCB board

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.

Kyocera Print Heads(one head with 2 colors)
Featuring variable dots, true grayscale imaging 4, 6, and 10pl at true native 300 dpi.

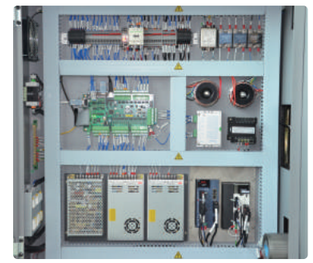
3 UV-curing Lamps/LED(optional)
Instant curing of UV ink for fast production. Flexible to be controlled during printing.

4 Auto Height Detection System
Automatically detects the height of media up to 50mm thickness and calibrates print head distance for variable dot placement and image quality.

5 The tension adjust device(only for HT3200)
The tension adjust device for the roller added,this device will help to prevent the feeding wrinkle.

6 Retractable Alignment Bar
Retractable alignment bar allows accurate and consistent media placement.

7 Top Printing Speed: Up to 110㎡/hr (HT3200)
Engineered for high-quality printing and outputs up to 110㎡/hr with full-blood capacity.(HT3200 kyocera with double rows)



Industrialized wiring makes it more artistic

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

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

10 On Board Control Module
Rich functions, self-developed software, independent control module, efficient and convenient.

11 Auto Belt Correction System(HT2500.HT3200)
Auto belt correction system will detect the moving of belt, if the shifting is detected, the system will automatically adjust the moving of belt to the right way.

Kyocera KJ4A Printhead

Nozzle quality : 2656
Physical Resolution : 2*300dpi
Pico-litter : Variable 4-6-10pl
Max Operating Frequency : 30Khz
Effective Print Width : 112.35mm

Ricoh Gen5 Printhead

Nozzle quality : 1280
Physical Resolution : 600dpi
Pico-litter : Variable 7-14-21pl
Max Operating Frequency : 30Khz
Effective Print Width : 54.1mm

HeadTop