

SPECIFICATIONS

Model	HT1600UV		HT2500UV		HT3200UV	
Printhead	Ricoh Gen5	Kyocera KJ4A	Ricoh Gen5	Kyocera KJ4A	Ricoh Gen5	Kyocera KJ4A
Quantity of printheads	2-4 pcs (Single row)	2-4 pcs (Single row)	4-8 pcs (Double rows)	2-4 pcs (Single row)	4-8 pcs (Double rows)	2-4 pcs(Single row) 4-8 pcs(Double rows)
Resolution	1200*1200dpi					
Print speed	Draft	26m ² /hr	39m ² /hr	50m ² /hr	52m ² /hr	60m ² /hr 64m ² /hr 110m ² /hr
	Production	17m ² /hr	28m ² /hr	37m ² /hr	37m ² /hr	44m ² /hr 51m ² /hr 73m ² /hr
	Quality	13m ² /hr	21m ² /hr	29m ² /hr	27m ² /hr	33m ² /hr 36m ² /hr 60m ² /hr
Print mode	Unidirectional and bidirectional					
Max print 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			
Imageformat	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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HT3200UV Hybrid

3.2m width MEDIA AREA

HT1600UV Hybrid

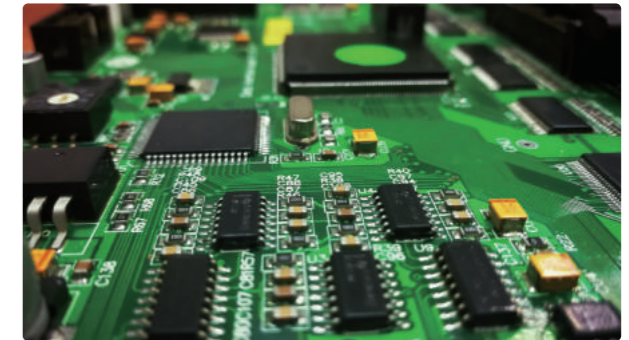
1.6m width MEDIA AREA

HT2500UV Hybrid

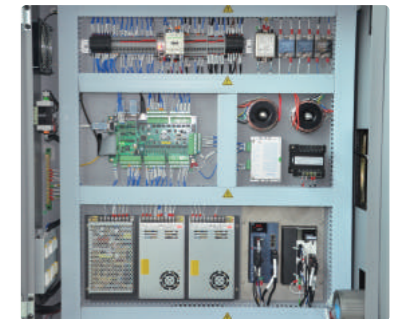
2.5m width MEDIA AREA

- 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.

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 tesion 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 110m²/hr (HT3200)**
Engineered for high-quality printing and outputs up to 110m²/hr with full-blood capacity.(HT3200 kyocera with double rows)



Self-developed, customized driver and PCB board



Industrialized wiring makes it more artistic

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



- 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 Borad 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.