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 row)	2-4 pcs (Single row)	4-8 pcs (Double row)	2-4 pcs (Single row) 4-8 pcs (Double row)
Resolution	1200*1200dpi					
Draft	23 m²/hr	39 m [°] hr	50 m²/hr	52 m ^ª hr	50 m [°] hr	64 m°/hr 110 m°
rint Production beed	17 m²/hr	28 m² hr	35 m²/hr	32 m² hr	38 m² hr	36 m²/hr 61 m²/hr
Quality	13 m²/hr	20 m² hr	29 m³/hr	25 mª hr	31 m² hr	<u>27 m²/hr</u> 49 m²/hr
rint mode	Unidirectional and bidirectional					
/lax print width	1.6m		2.5m		3.2m	
/lax media hickness	50mm					
1edia type	Rigid and flexible flat materials					
ık	Environmental friendly LED/UV curable ink (VOC free)					
k colour	C、M、Y、K、Lc、Lm、W (varnish is optional when there is no Lc and Lm)		С • М • Ү	′、K、Lc、Lm、V、W		
nage format	Adobe Postcript Le	evel 3 PDF JPEG TIFF EF	PS AI			
achine size x W x H)	4.15m x 1.19m x 1.33m		5.49m x 1.15m x 1.38m		6.19m x 1.59m x 1.56m	
lachine net eight	760KG		1280KG		2260KG	
lachine gross reight	1170KG		1875KG		3130KG	
ower onsumption	5.3 Kw (27A)		8.0 Kw (20A)		9.0 Kw (20A)	
ower supply	230VAC. 50Hz L/	N/PE	400VAC. 50Hz 3P/N/PE			
ertification	CE, FCC					
IP support	Caldera, Onyx					
IV Curing	LED (standard), Mercury vapour UV lamps (optional)					
nterface	High speed PCIE					
nvironment	Clean and ventila Constant Humidi		direct sunlight Temperati	ure: 18° C – 30° C(64°F-86	°F)	



HandTop - the highest resolution UV LED printer you will ever need



Hybrid Printer HT3200UV/HT2500UV/HT1600UV



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Our choice of printhead platform offers the highest levels of quality to help you build your business in multiple sectors





Hybrid Printer

HT3200UV/HT2500UV/HT1600UV

HT3200UV Hybrid 3.2m width media HT2500UV Hybrid 2.5m width media

HT1600UV Hybrid 1.6m width media

1 Automatic negative pressure system

Using PCB board to control and set the negative pressure data from the software.

2 Ricoh Gen5 print heads (each head has 2 ink channels) Featuring variable dots, true grayscale imaging 7, 14, and 21pl. or

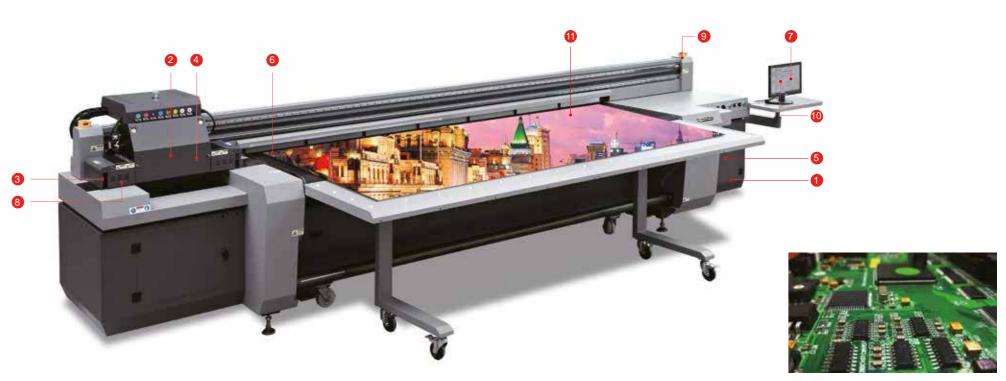
Kyocera print heads (each head has 2 ink channels) Featuring variable dots, true grayscale imaging 4, 6, and 10pl.

3 UV-curing LED (Mercury lamps are optional) Instant on/off of lamps during printing for fast production. Variable output power control.

4 Auto height detection system

Automatically detects height of media up to 100mm thickness and sets print head distance from media automatically.

- **5** The tension adjusting device (only for HT3200) The tension adjusting device for the roller helps to prevent the wrinkles when feeding media.
- 6 Retractable alignment bar Retractable alignment bar allows accurate and consistent media placement.
- **7** Top printing speed: Up to 110 m²/hr (HT3200) Engineered for high-quality printing and output up to 110m²/hr (HT3200 Kyocera with double rows)



Kyocera KJ4A printhead

Nozzle quantity: 2656 Physical resolution: 2*300dpi Ink drop size: variable 4-6-10pl Max operating frequency: 30Khz Effective print width: 112.35mm



Ricoh Gen5 printhead

Nozzle quantity: 1280 Physical resolution: 600dpi Ink drop size: variable 7-14-21pl Max operating frequency: 30Khz Effective print width: 54.1mm



Optional static suppression kit that eliminates static on the substrate.

9 Emergency stop switches Operation from any corner of the printer.

On board control module

PC, monitor, keyboard, mouse and HandTop software for printer control functions.

① Auto belt correction system (HT2500.HT3200)

Auto belt correction system will detect the sideways movement of the belt and will automatically adjust.

Handtop developed, customised driver and PCB board.



State of the art control system.

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