

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					
Print speed	Draft	23 m ² /hr	39 m ² hr	50 m ² /hr	52 m ² hr	50 m ² hr <div>64 m²/hr 110 m²</div>
	Production	17 m ² /hr	28 m ² hr	35 m ² /hr	32 m ² hr	38 m ² hr <div>36 m²/hr 61 m²/hr</div>
	Quality	13 m ² /hr	20 m ² hr	29 m ² /hr	25 m ² hr	31 m ² hr <div>27 m²/hr 49 m²/hr</div>
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 LED/UV curable ink (VOC free)					
Ink colour	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 Level 3 PDF JPEG TIFF EPS AI					
Machine size (L 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	
Machine net weight	760KG		1280KG		2260KG	
Machine gross weight	1170KG		1875KG		3130KG	
Power consumption	5.3 Kw (27A)		8.0 Kw (20A)		9.0 Kw (20A)	
Power supply	230VAC. 50Hz L/N/PE		400VAC. 50Hz 3P/N/PE			
Certification	CE, FCC					
RIP support	Caldera, Onyx					
UV Curing	LED (standard), Mercury vapour UV lamps (optional)					
Interface	High speed PCIE					
Environment	Clean and ventilated work area, avoiding direct sunlight Temperature: 18° C – 30° C(64°F-86°F) Constant Humidity: 30%-70%					



Contact us to book a visit to our Demo Hub in Northamptonshire
t: +44 (0)1943 605 650 www.partnersindigital.co.uk



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

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

TOPClass TOPPerformance TOPQuality

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)

8 Static suppression(optional)

Optional static suppression kit that eliminates static on the substrate.

9 Emergency stop switches

Operation from any corner of the printer.

10 On board control module

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

11 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.

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



State of the art control system.