

# UNLEASH MORE PRINT! NEW GENERATION



## DISCOVER NEW PRINTING POSSIBILITIES.



TAKE YOUR BUSINESS TO THE NEXT LEVEL, WITH OUR TOP OF THE RANGE UV FLATBED PRINTERS. DELIVER PRINT AFTER PRINT.



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[www.midcomp.co.za](http://www.midcomp.co.za)

**HandTop**<sup>™</sup>  
UV PRINTERS



HANGLORY  
GROUP

ALL PRINTERS USES:

**CDiS**  
PREMIUM DIGITAL INKS

**CBiS**  
BULK INK DELIVERY SYSTEM

## Machine Specifications KYOCERA

Model	HT1610UV	HT2512UV	HT2518UV	H3116UV	H3020UV	
Print head	Kyocera KJ4A	Kyocera KJ4A	Kyocera KJ4A	Kyocera KJ4A	Kyocera KJ4A	
Quantity of Print heads	2-4pcs (Single Row)	8-10pcs (Symmetric-array)	4-10pcs (Symmetric-array)	4-10pcs (Symmetric-array)	4-10pcs (Symmetric-array)	
Resolution	1200 x 1200dpi					
Print Speed	Draft Mode	36m <sup>2</sup> /hr	100m <sup>2</sup> /hr	117m <sup>2</sup> /hr	120m <sup>2</sup> /hr	125m <sup>2</sup> /hr
	Production Mode	27m <sup>2</sup> /hr	78m <sup>2</sup> /hr	80m <sup>2</sup> /hr	90m <sup>2</sup> /hr	95m <sup>2</sup> /hr
	Quality Mode	20m <sup>2</sup> /hr	56m <sup>2</sup> /hr	58m <sup>2</sup> /hr	64m <sup>2</sup> /hr	73m <sup>2</sup> /hr
Print Mode	Unidirectional & Bidirectional					
Max. Print Width	1.6m x 1.0m	2.5m x 1.2m	2.5m x 1.8m	3.0m x 1.5m	3.0m x 2.0m	
Material Thickness	100mm					
Applications	Both Rigid & Flexible flat materials.					
Inks	Eco-Friendly UV Curing inks (VOC Free)					
Colours	C, M, Y, K, Lc, Lm, W (Varnish is optional when there is no Lc & Lm)					
Image Format	Adobe Postscript level 3, PDF, JPEG, TIFF, EPS, AI					
Machine Size	3.44m x 2.21m x 1.28m	4.67m x 2.51m x 1.38m	4.67m x 3.03m x 1.38m	5.22m x 2.71m x 1.38m	5.22m x 3.24m x 1.38m	
Gross Net Weight / Gross	W: 570Kg / G: 990kg	W: 1150Kg / G: 1745Kg	W: 1300Kg / G: 2000Kg	W: 1450Kg / G: 2160Kg	W: 1520Kg / G: 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 Software	Caldera / Onyx					
UV Curing System	LED UV Curing System					
Interface	High Speed PCIE					
Operating Environment	Temperature: 18°C~30°C(64°F~86°F) Relative Humidity: 30%~70%(non-condensing) Separated workroom in good clean & ventilated condition, avoid direct sunlight.					

## Machine Features

- 1 Automatic Negative Pressure System**  
Negative pressure is automatically controlled & can be set through data form software, making it more stable & extending the life of the negative pressure pump.
- 2 Kyocera Print Heads (1 Head with 2 Colours)**  
Featuring variable dots, true gray scale imaging 4pl, 6pl, & 10pl.
- 3 LED Curing System**  
Instant curing by lamps for faster production & flexibility to control curing during printing.
- 4 Automatic Height Adjustment System**  
Automatically detects the media height up to 100mm in thickness & calibrates print-head distance for variable dot, ensuring best print quality.
- 5 Emergency Stop Switches**  
Emergency stop switched placed at on each corner of the printer, ensuring operations can be stopped in case of an emergency.
- 6 Power Vacuum & Lamp Switches**  
Easy switch control unit to control lamps & vacuum pump.
- 7 Mechanical Pin Registration System**  
Pin registration for accurate consistent placement of rigid materials for printing.
- 8 Reversible Vacuum Valve**  
Easy load & off load of rigid materials with reverse vacuum function.
- 9 Smart printing features**  
Reversible printing function & Repeat printing mode. Both printing modes enables a higher efficiency in productivity.
- 10 Printing Speed**  
Top printing speed: up to 91m<sup>2</sup>/hr (HT3020UV). Engineered for high quality printing & maximum productivity.
- 11 Static suppression Kit (optional)**  
Static kit eliminates static on the substrates being printed.
- 12 On Board Control Module**  
Self developed software. Convenient independent efficient control module.

PLEASE NOTE: ABOVE INFORMATION IS FOR REFERENCE ONLY & ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE. FOR LATEST UPDATED MACHINE INFO, PLEASE CONTACT US: sales@clearsol.co.za - www.clearsol.co.za



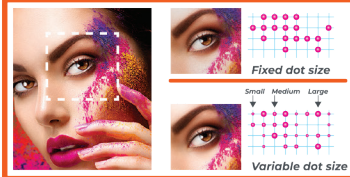
**HandTop™**  
UV PRINTERS

**KYOCERA**

### Print head technology



### Grey scale Ink jet Technology



Grey scale ink jet technology not only saves on ink cost, but ensures your printed images are more vibrant & appear more realistic.



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