

## SPECIFICATIONS

Model	HT1610UV		HT2512UV		HT2518UV		HT3116UV		HT3020UV		
<b>Printhead</b>	Ricoh Gen5	Ricoh Gen6	Ricoh Gen5	Ricoh Gen6	Ricoh Gen5	Ricoh Gen6	Ricoh Gen5	Ricoh Gen6	Ricoh Gen5	Ricoh Gen6	
<b>Quantity of printheads</b>	2-4pcs (Single row)	2-4pcs (Single row)	4-8 pcs (Double rows)	4-8 pcs (Double rows)	4-8 pcs (Double rows)	4-8 pcs (Double rows)	4-8 pcs (Double rows)	4-8 pcs (Double rows)	4-8 pcs (Double rows)	4-8 pcs (Double rows)	
<b>Resolution</b>	1200*1200dpi										
<b>Print speed</b>	<b>Draft</b>	20m <sup>2</sup> /h	27m <sup>2</sup> /h	42m <sup>2</sup> /h	60m <sup>2</sup> /h	48m <sup>2</sup> /h	62m <sup>2</sup> /h	50m <sup>2</sup> /h	68m <sup>2</sup> /h	54m <sup>2</sup> /h	70m <sup>2</sup> /h
	<b>Production</b>	13m <sup>2</sup> /h	20m <sup>2</sup> /h	30m <sup>2</sup> /h	45m <sup>2</sup> /h	32m <sup>2</sup> /h	45m <sup>2</sup> /h	36m <sup>2</sup> /h	45m <sup>2</sup> /h	38m <sup>2</sup> /h	46m <sup>2</sup> /h
	<b>Quality</b>	10m <sup>2</sup> /h	15m <sup>2</sup> /h	21m <sup>2</sup> /h	32m <sup>2</sup> /h	23m <sup>2</sup> /h	34m <sup>2</sup> /h	23m <sup>2</sup> /h	36m <sup>2</sup> /h	27m <sup>2</sup> /h	37m <sup>2</sup> /h
<b>Print mode</b>	Unidirectional and bidirectional										
<b>Max width</b>	1.6m * 1.0m		2.5m * 1.2m		2.5m * 1.8m		3.1m * 1.6m		3.0m * 2.0m		
<b>Max media thickness</b>	100mm										
<b>Media type</b>	Rigid and flexible flat materials										
<b>Ink</b>	Environmental friendly UV curable ink(VOC free)										
<b>Ink color</b>	C、M、Y、K、Lc、Lm、W (varnish is optional when there is no Lc and Lm)		C、M、Y、K、Lc、Lm、W、V								
<b>Image format</b>	Adobe Postscript Level3、PDF、JPEG、TIFF、EPS、AI										
<b>Machine size(L*W*H)</b>	3.44m*2.21m*1.28m		4.67m * 2.51m * 1.38m		4.67m*3.03m*1.38m		5.22m * 2.71m * 1.38m		5.22m * 3.24m * 1.38m		
<b>Machine net weight</b>	570KG		1150KG		1300KG		1450KG		1520KG		
<b>Machine gross weight</b>	990KG		1745KG		2000KG		2160KG		2330KG		
<b>Power consumption</b>	5.3KW(27A)		8.3KW(20A)								
<b>Power supply</b>	230VAC.50Hz L/N/PE		400VAC.50Hz 3P/N/PE								
<b>Certification</b>	CE, FCC										
<b>RIP support</b>	Onyx, Caldera										
<b>UV Curing</b>	Mercury vapor UV lamps, LED(optional)										
<b>Interface</b>	High Speed PCIE										
<b>Environment</b>	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.
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- Top-level R&D team ensures prompt optimization and upgrade for new products and keep advanced technology in digital printing field.
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**Shenzhen HANDTOP Tech Co.,Ltd**

Add: The Third Factory, NO.322 Yuanhu Road, Longgang District Shenzhen China.  
Tel: +86 0755-2796 0460 E-mail: info-handtop@hanglorygroup.com  
Fax: +86 0755-2321 7841 http://www.handtopuv.com



# HT3116UV/HT3020UV/HT2512UV/HT2518UV/HT1610UV

## HT3116UV Flatbed

3.1\*1.6m MEDIA AREA

## HT2512UV Flatbed

2.5\*1.22m MEDIA AREA

## HT2518UV Flatbed

2.5\*1.8m MEDIA AREA

## HT3020UV Flatbed

3.05\*2.05m MEDIA AREA

## HT1610UV Flatbed

1.6\*1.0m 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.  
**Ricoh Gen6 Print Heads(one head with 2 colors)**  
Featuring variable dots, true grayscale imaging 5, 10, and 15pl.
- 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 height of media up to 100mm thickness and calibrates print head distance for variable dot placement.
- 5 Emergency Stop Switches**  
Stop operation from any corner when the printer is in emergency.
- 6 Power vacuum & Lamp Switch**  
Switches for vacuum table and lamps.
- 7 Mechanical Pin Registration System**  
Pin registration for accurate and consistent rigid media placement.
- 8 Reversible Vacuum Valve**  
Reverse the air vacuum for easier rigid media loading and unloading.



- 9 Reversible printing function & Repeat printing mode**  
Both reversible and repeat printing mode enables a higher efficiency in production.
- 10 Top Printing Speed:Up to 91 m<sup>2</sup> / hr (HT3020)**  
Engineered for high-quality printing and outputs up to 91m<sup>2</sup>/hr with full bleed capacity.(HT3020 kyocera with double rows)
- 11 Static suppression(optional)**  
Optional static suppression kit that eliminates static on the substrate.
- 12 On Board Control Module**  
Rich functions, self-developed software, independent control module, efficient and convenient.



Self-developed, customized driver and PCB board



Industrialized wiring makes it more artistic

### Ricoh Gen5 Printhead

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



### Ricoh Gen6 Printhead

Nozzle quantity : 1280  
Physical Resolution : 600dpi  
Pico-liter : Variable 5-10-15pl  
Max Operating Frequency : 50Khz  
Effective Print Width : 54.1mm



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