

## SPECIFICATIONS

Model	HT1600UV		HT2500UV		HT3200UV		
Printhead	Ricoh Gen5	Ricoh Gen6	Ricoh Gen5	Ricoh Gen6	Ricoh Gen5	Ricoh Gen6	
Quantity of printheads	2-4pcs (Single row)	2-8 pcs (Double rows)	4-8 pcs (Double rows)	4-8 pcs (Double rows)	4-8 pcs (Double rows)	4-8 pcs (Double rows)	
Resolution	1200*1200dpi						
Print speed	Draft	22m <sup>2</sup> /h	46.5m <sup>2</sup> /h	44m <sup>2</sup> /h	65m <sup>2</sup> /h	51m <sup>2</sup> /h	74m <sup>2</sup> /h
	Production	14m <sup>2</sup> /h	40m <sup>2</sup> /h	32m <sup>2</sup> /h	44m <sup>2</sup> /h	36m <sup>2</sup> /h	55m <sup>2</sup> /h
	Quality	10m <sup>2</sup> /h	29m <sup>2</sup> /h	21m <sup>2</sup> /h	30m <sup>2</sup> /h	24m <sup>2</sup> /h	40m <sup>2</sup> /h
Print mode	Unidirectional and bidirectional						
Max 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				
Image format	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	Separated 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.
- Reliable stability combines the outstanding printing quality and speed performance.
- Top-level R&D team ensures prompt optimization and upgrade for new products and keep advanced technology in digital printing field.
- Strong worldwide after-sales service team quickly shoots your problem.
- High cost-value product brings you more business.



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**HandTOP**



# HT3200UV/HT2500UV/HT1600UV Hybrid Printer

## HT3200UV Hybrid

3.2m width MEDIA AREA

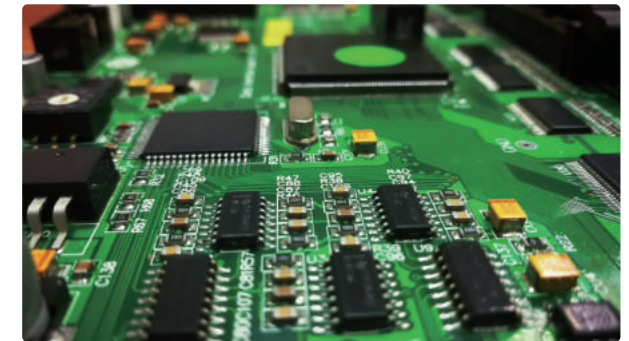
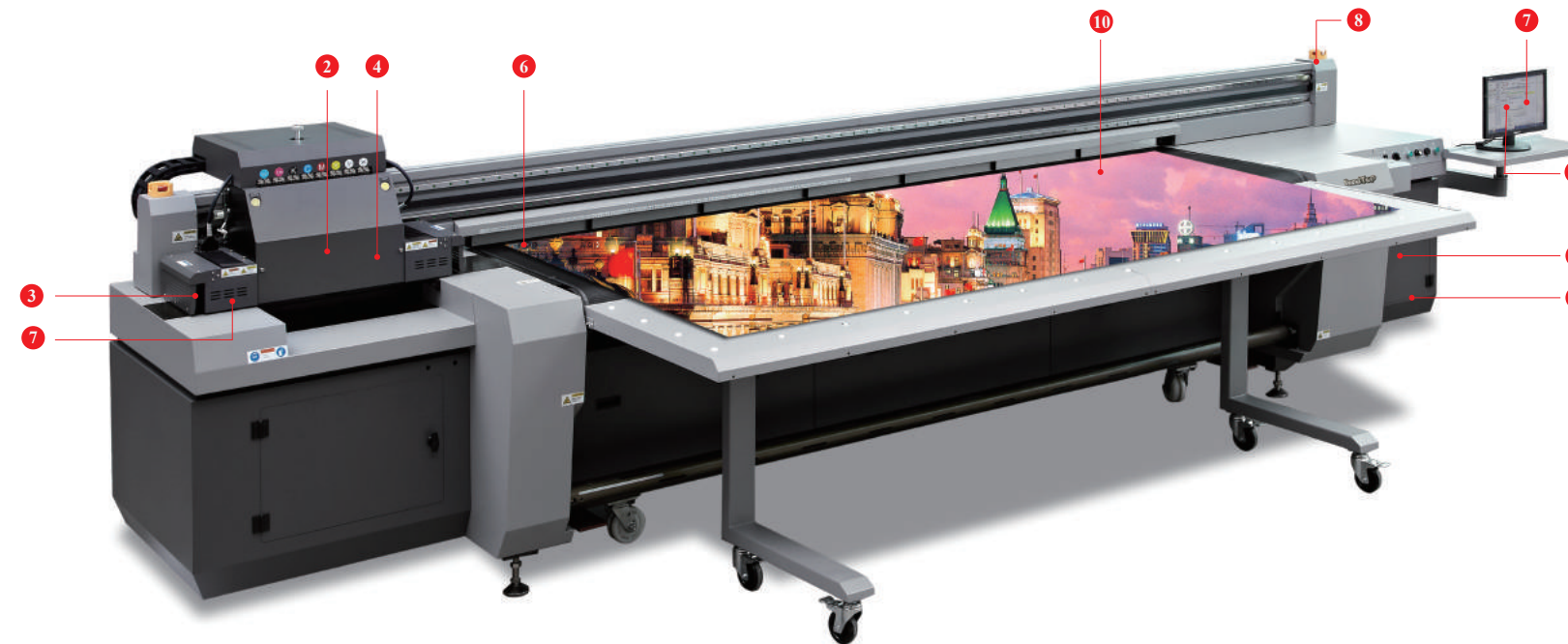
## HT1600UV Hybrid

1.6m width MEDIA AREA

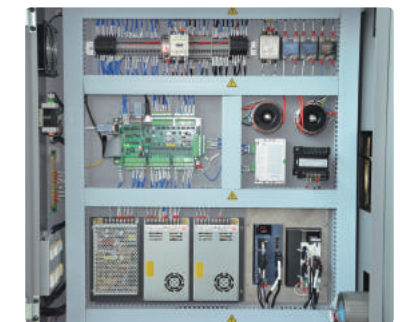
## HT2500UV Hybrid

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.
- 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 the height of media up to 50mm thickness and calibrates print head distance for variable dot placement and image quality.
- 5 The tension 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.



Self-developed, customized driver and PCB board



Industrialized wiring makes it more artistic

- 7 Static suppression(optional)**  
Optional static suppression kit that eliminates static on the substrate.
- 8 Emergency Stop Switches**  
Stop operation from any corner when the printer is in emergency.
- 9 On Board Control Module**  
Rich functions, self-developed software, independent control module, efficient and convenient.
- 10 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.

### 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

