

UV Roll-to-Roll Printer Series



Optional Models:

- **HT1800UV** Extremely cost-effective RTR printing solution
- **HTH3200Turbo** High-precision synchronous single and dual roll printing solution
- **HTL3200UV** Professional wide-format RTR printing solution
- **HT5000UV** 5-meter super-wide RTR printing solution

Outstanding Performance:



- Automatic Negative Pressure System
- 0-30mm Automatic Height Measurement
- Automatic Width Measurement System
- Adjustable UV Curing Power
- High Precision Components
- Mesh Cloth Printing Function (optional)
- Dual Roll Feeding System (HTH3200Turbo & HT5000UV)
- Supports Multi-Roll Material Printing (HT5000UV)

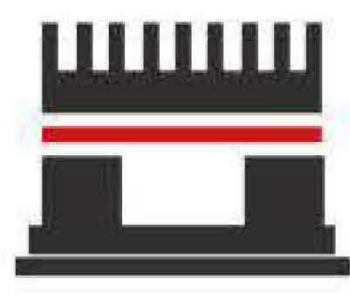


- Water-Cooled Printing Platform & Adjustable Suction Area (HTH3200Turbo & HTL3200UV & HT5000UV)
- Water-Cooled LED Light
- Automatic Ink Control System with Solenoid Valve
- Multi-Point Pneumatic Fabric Pressure Device
- Sensitive Anti - collision Device
- Positioning Rod
- Optional Anti-Static Bar
- High-Quality Imported Components

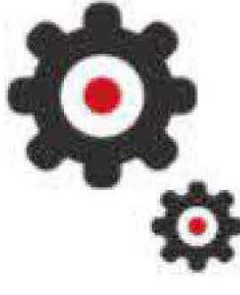
UV Roll-to-Roll Printer Series						
Model	HT1800UV		HTH3200Turbo	HTL3200UV	HT5000UV	
Printing Information						
Printhead		GEN6		Kyocera		
Number of Printhead		2-8 Pcs		4-12 Pcs	2-4 Pcs	4-12 Pcs
Resolution		605*1800 DPI		363*3600 DPI		
Production Mode	Draft	65 m ² /h		156 m ² /h	74 m ² /h	192 m ² /h
	Production	56 m ² /h		115 m ² /h	56 m ² /h	140 m ² /h
	Quality	41m ² /h		82 m ² /h	45 m ² /h	95 m ² /h
Print Mode		Bi-directional high speed				
Media Ink						
Max. Print Width		1.8 m		3.2 m	3.2 m	5.0 m
Max. Media Thickness		2 mm				
Media Type		Light sheets, soft films, car stickers, printed fabrics, light box fabrics, non-woven fabrics, elastic fabrics, wallpaper, and wall coverings, among others.				
Ink		Environmentally friendly UV / LED curable ink (VOC free)				
Ink Color		CMYK、Lc、Lm、V、W		CMYK、Lc、Lm、W		CMYK、Lc、Lm、V、W
Software Functions						
UV Curing		LED				
Interface		High Speed PCIE				
RIP Support		Caldera				
Image Format		PDF, JPEG, TIFF, EPS, AI,etc.				
Dimension Weight						
Machine Size(L*W*H)		4.51*0.96*1.33 m		5.98*1.85*1.90 m	6.46*1.31*1.71 m	8.88*2.03*2.02 m
Machine Net Weight		1200 KG		2800 KG	1800 KG	6300 KG
Machine Gross Weight		1500 KG		3600 KG	2550 KG	8170 KG
Power Supply Environment						
Power Consumption		4 kW (19A)		8.7 kW (38A)	3.9 kW (18A)	11.1 kW (25A)
Power Supply		220VAC 50Hz 3L/N/PE		230VAC 50Hz 3L/N/PE	230VAC 50Hz 3L/N/PE	400VAC 50Hz 3P/N/PE
Environment		Separate workroom in cleaning and ventilated condition, avoid direct sunlight. Temperature:18-30°C(64-86 °F) Constant Humidity:30-70% (non-condensing)				

Industrial Digital Printing Solution Provider

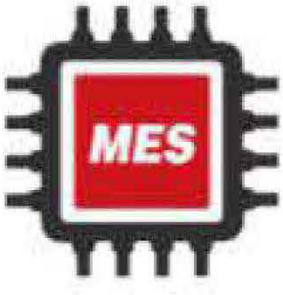
Independent printhead-drive technology



Self-developed control system



Self-developed MES system



Independent ink industrial chain



Remote service maintenance system and local services



Diverse High-Speed RTR Printing Solutions

Available models:



HT1800UV

Extremely cost-effective roll-to-roll printing solution



HTH3200Turbo

High-Resolution synchronous single and dual roll printing solution



HTL3200UV

Professional wide-format roll-to-roll printing solution



HT5000UV

5m super-wide roll-to-roll printing solution

Characteristics of Kyocera Series		Characteristics of Ricoh Series	
✔ Overall reduction in Printhead usage Kyocera single printhead can achieve a printing width of 108 - 112 mm. Achieve high-quality printing with fewer Printheads, reducing the difficulty and time of printhead stitching.		✔ High Productivity: More efficiency, faster delivery, shorter cycles Max. droplet ignition frequency of 50KHz, an 80% increase in ink discharge per unit time, meeting high-speed production needs. Save twice the printing time under the same resolution printing mode.	
✔ Compatible with high productivity and high quality High productivity can be achieved even in high-resolution image printing.		✔ High Precision: Realistic images, textures, details Minimum droplet size reduced from 7pl to 5pl, achieving higher jetting accuracy. Achieve smoother, more delicate printing effects without generating a grainy texture.	
✔ Implementation of multi-level grayscale printing Small droplets are suitable for high precision images. Large droplets make colors more vibrant. Combination of multi-level droplets results in a subtle and natural color gradient.		✔ Enhanced ink compatibility, extending the lifespan Each print Printheadhas enhanced bonding technology to improve durability. Further enhances compatibility between the printPrintheadand UV ink.	
✔ Suitable for high reliability in demanding industrial environments Stainless steel printhead panel and metal shell. Widely used in various fields with numerous successful cases and proven performance.			
Outstanding Performance of HandTop UV RTR Printer			
✔ Automatic Negative Pressure System		✔ Adjustable UV Curing Power	
✔ 0-30 mm Automatic Height Measurement		✔ Automatic Width Measurement System	
✔ Dual Roll Feeding System (HTH3200Turbo & HT5000UV)		✔ Water-Cooled Printing Platform & Adjustable Suction Area	
✔ Integrated Software Functions		✔ High Resolution Components	
✔ Supports Multi-Roll Material Printing (HT5000UV)		✔ Water-Cooled LED Light	
✔ Automatic Ink Control System with Solenoid Valve		✔ Multi-Point Pneumatic Fabric Pressure Device	
✔ Sensitive Anti-Collision Device		✔ Optional Antistatic Rod	
✔ Positioning Rod		✔ High-Quality Original Imported Components	
✔ Grid Fabric Printing Function (Optional)			