

Technical specifications

Model	HT1610UV	HT2512UV				HT3116UV		HT3020UV		
Printhead	Kyocera KJ4A	Kyocera KJ4A				Kyocera KJ4A		Kyocera KJ4A		
Quantity of printhead	2-4pcs (Single row)	3-4pcs (Single row)	4-8pcs (Double rows)	8-10pcs (symmetrical rows)	8-10pcs (Triple rows)	4-8pcs (Double rows)	8-10pcs (symmetrical rows)	4-8pcs (Double rows)	8-10pcs (symmetrical rows)	
Resolution	1200 * 1200 DPI									
Print speed	Draft	36 m²/h	62 m²/h	96 m²/h	100 m²/h	113 m²/h	90 m²/h	120 m²/h	95 m²/h	125 m²/h
	Production	27 m²/h	44 m²/h	70 m²/h	78 m²/h	91 m²/h	66 m²/h	90 m²/h	70 m²/h	95 m²/h
	Quality	20 m²/h	31 m²/h	52 m²/h	56 m²/h	68 m²/h	51 m²/h	64 m²/h	53 m²/h	73 m²/h
Print mode	Unidirectional & Bidirectional									
Max print width	1.6 m * 1.0 m	2.5 m * 1.2 m				3.0 m * 1.5 m		3.0 m * 2.0 m		
Max media thickness	100 mm									
Media type	Phone cases, glass, acrylic, planks, tiles, metal plates, PVC boards, corrugated boards, plastics, marble, wallpaper, light box fabrics, PC, ABS, 3C etc.									
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, W, V								
Image format	Adobe Postscript Level3, PDF, JPEG, TIFF, EPS, AI									
Machine size(L*W*H)	3.44m * 2.21 m * 1.28 m	4.67 m * 2.51 m * 1.38 m				5.22 m * 2.71 m * 1.38 m		5.22 m * 3.24 m * 1.38m		
Machine net weight	570 KG	1150 KG				1450 KG		1520 KG		
Machine gross weight	990 KG	1745 KG				2160 KG		2330 KG		
Power consumption	5.3 kW (27 A)	8.3 kW (20 A)								
Power supply	230 VAC.50 HZ L/N/PE	400 VAC.50 Hz 3P/N/PE								
Certification	CE, FCC									
RIP support	Caldera									
UV curing	Water-cooled UV_LED Lamp									
Interface	High Speed PCIE									
Environment	Seperated workroom in good cleaning and ventilated condition, avoid direct sunlight Temperature: 18 - 30 °C (64 - 86 °F) Constant Humidity: 30 - 70%									



UV Flatbed Printer  
Kyocera Industrial-grade Grayscale  
Printhead Series

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, signs, exquisite gifts, phone cases, furniture, building materials, decoration 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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HT3116UV/HT3020UV/HT2512UV/HT1610UV UV Flatbed Printer

HT3116UV

Print size: 3.1 \* 1.6 m

HT3020UV

Print size: 3.05 \* 2.05 m

HT2512UV

Print size: 2.5 \* 1.22 m

HT1610UV

Print size: 1.6 \* 1.0 m



carriage head

- 8 Integrated Software Functions  
Allow users to adjust all functions in the software, and print on one side of rip to improve efficiency.
- 9 High Quality Original Imported Accessories  
Accessories are purchased from top global suppliers such as Japan, Germany and Italy.
- 10 Top Printing Speed: Up to 125 m<sup>2</sup>/h(HT3020)  
Engineered for high-quality printing and outputs up to 125 m<sup>2</sup>/h with full-blood capacity.(HT3020 Symmetrical Kyocera)

- 1 Automatic Negative Pressure System  
Using PCB board to control negative pressure, setting the negative pressure data from software.
- 2 Kyocera Print Heads(one head with 2 colors)  
Featuring variable dots, true grayscale imaging 4, 6, and 10 pl.
- 3 Water-cooled UV\_LED Lamp  
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 100 mm thickness and calibrates print head distance for variable dot placement and image quality.
- 5 Emergency Stop Switches  
Stop operation from any corner when the printer is in emergency.
- 6 Controllable Suction Area  
Adjusted according to the actual situation, and supports two-way adjustment of suction and blowing.
- 7 Static Suppression(optional)  
Optional static suppression kit that eliminates static on the substrate.



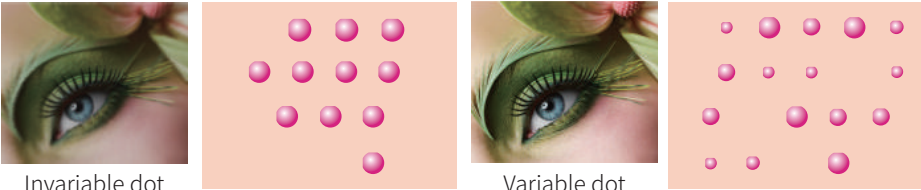
RIP Software



Noiseless, powerful suction platform

Kyocera KJ4A Printhead

Nozzle Quantity: 2656  
Physical Resolution : 2 \* 300 DPI  
Pico-litter : Variable 4-6-10 pl  
Max Operating Frequency : 30 kHz  
Effective Print Width : 112.35 mm



Invariable dot

Variable dot

Grayscale Inkjet Technology

Grayscale printing not only saves the cost of ink but also makes the image more delicate, the color brighter. Thus it improves the performance of the pictures and makes them more impressive.