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 (Tripe rows)	4-8pcs (Double rows)	8-10pcs (symmetrical rows)	4-8pcs (Double rows)	8-10pcs (symmetrical rows)
Resolution	1200*1200dpi								
Print speed — Draft	36m²/h	62m²/h	96m²/h	100m²/h	113m²/h	90m²/h	120m²/h	95m²/h	125m²/h
Print speed — Production	27m²/h	44m²/h	70m²/h	78m²/h	91m²/h	66m²/h	90m²/h	70m²/h	95m²/h
Print speed — Quality	20m²/h	31m²/h	52m²/h	56m²/h	68m²/h	51m²/h	64m²/h	53m²/h	73m²/h
Print mode	Unidirectional & Bidirectional								
Max print width	1.6m*1.0m	2.5m*1.2m				3.0m*1.5m		3.0m*2.0m	
Max media thickness	100mm								
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*2.21m*1.28m	4.67m*2.51m*1.38m				5.22m*2.71m*1.38m		5.22m*3.24m*1.38m	
Machine net weight	570KG	1150KG				1450KG		1520KG	
Machine gross weight	990KG	1745KG				2160KG		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 support	Caldera								
UV curing	Mercury vapor UV lamps, LED(optional)								
Interface	High Speed PCIE								
Environment	Seperated workroom in good cleaning and ventilated condition, avoid direct sunlight Temperature: 18°C-30°C (64°F -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.
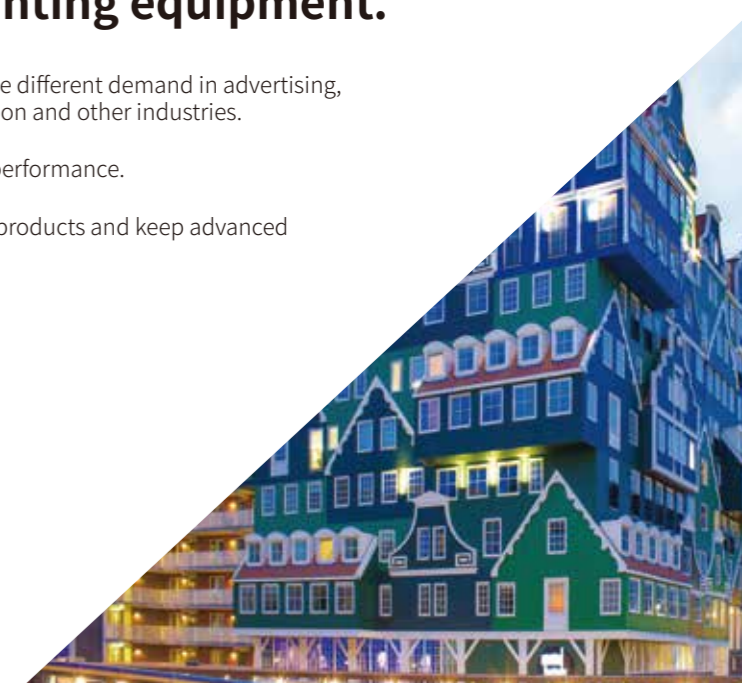
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HT3116UV
Print size: 3.1*1.6m

HT3020UV
Print size: 3.05*2.05m

HT2512UV
Print size: 2.5*1.22m

HT1610UV
Print size: 1.6*1.0m

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 125m²/hr(HT3020)
Engineered for high-quality printing and outputs up to 125m²/hr with full-blood capacity.(HT3020 Symmetrical Kyocera)

carriage head

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 10pl.

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 100mm 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 ...pression(optional)
...atic suppression kit that eliminates static on the substrate.

KJ4A Printhead
...uantity: 2656
...Resolution : 2* 300dpi
... : Variable 4-6-10pl
...ating Frequency : 30Khz
...Print Width : 112.35mm

KYOCERA

RIP Software

Noiseless, powerful suction platform
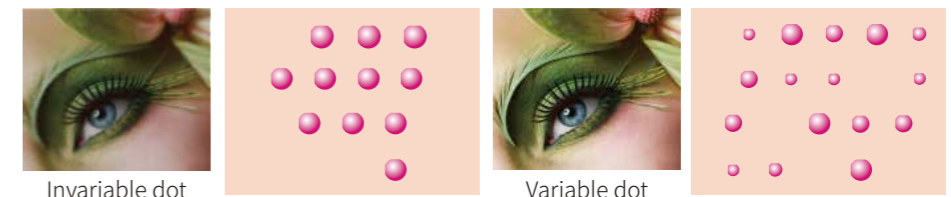
Invariable dot

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.