

HT5000UV SPECIFICATIONS

Model	HT5000UV	
Printhead	Kyocera KJ4A	
Quantity of printheads	4-12 pcs(Double rows)	
Resolution	363*3600dpi	
Print speed	Draft	192m ² /h
	Production	140m ² /h
	Quality	95 m ² /h
Max print width	5.0m	
Max media thickness	2mm	
Media type	Roll materials	
Ink	Flexible UV ink	
Ink color	C、 M、 Y、 K、 Lc、 Lm、 W	
Machine size(L*W*H)	8.88*2.03*2.02M	
Machine net weight	6300KG	
Machine gross weight	8170KG	
Power consumption	11.1KW(25A)	
Power supply	400VAC. 50Hz 3P/N/PE	
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° C – 30° C(64°F-86°F) Constant Humidity: 30%-70%	



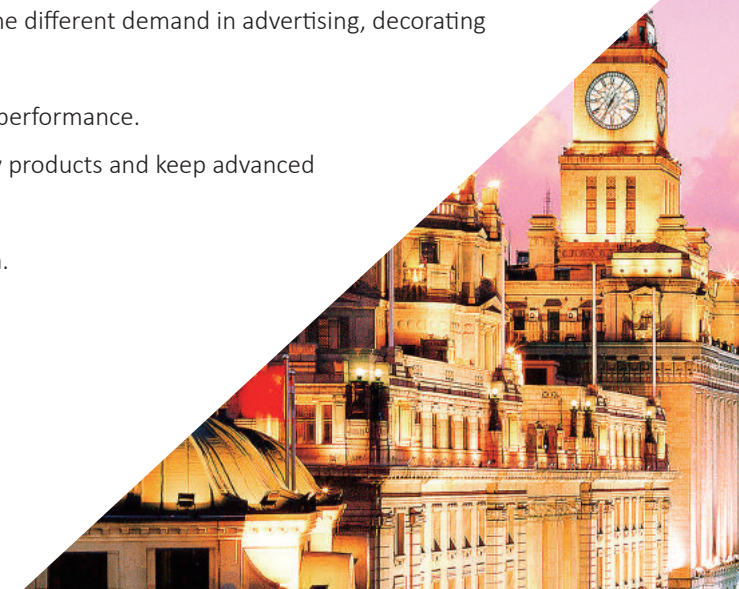
HT5000UV

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 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.

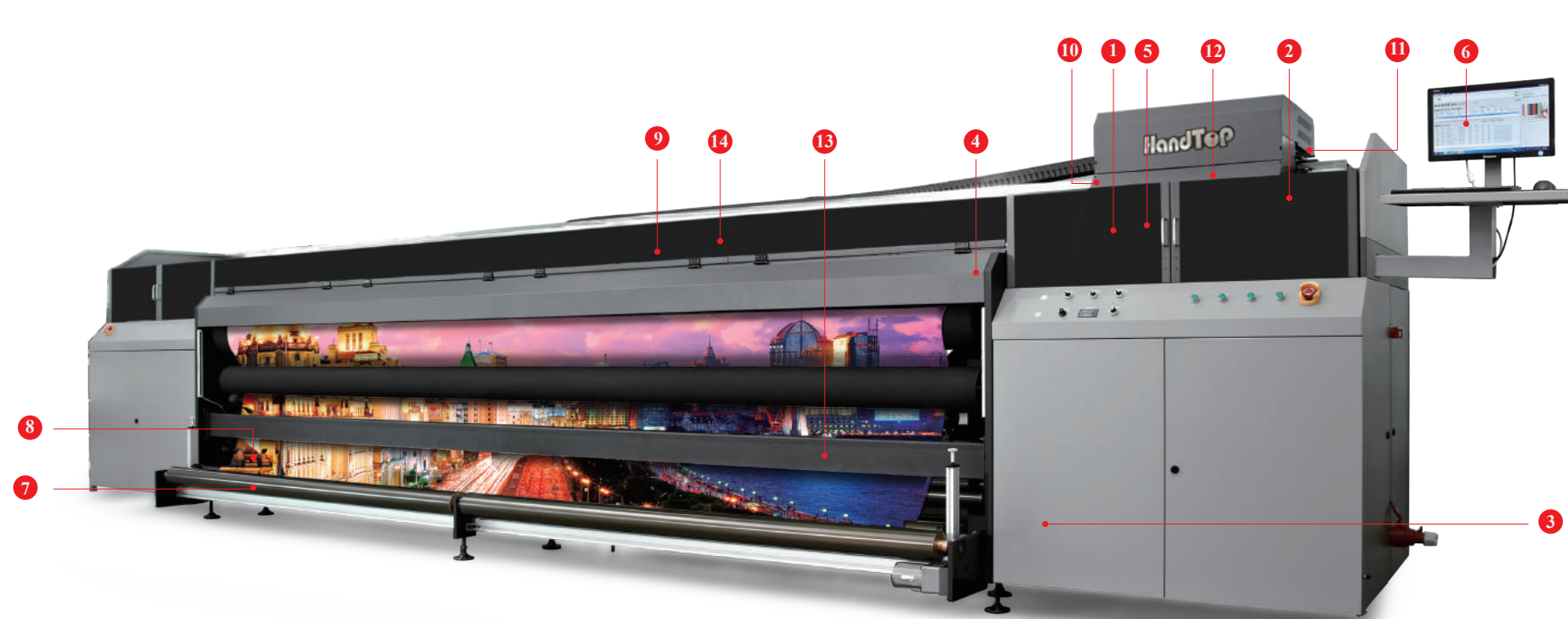
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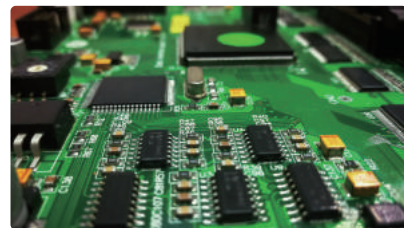
HT5000UV Roll to Roll Printer

5m width MEDIA AREA

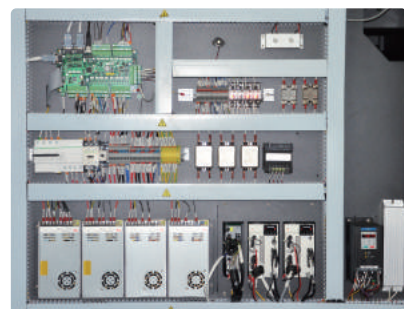


- 9 Multiple air cylinder supporter pinch roller**
Pinch roller with 8 air cylinder supporter which allow divided adjustment to ensure media transportation.
- 10 Water-cooling printing platform with adjustable suction zone**
Suitable for heat sensitive medias, make sure the media won't get distorted during the printing process and get better performance.
- 11 Auto height detection system, range of 0-30mm**
Automatically detects the height of media up to 30mm thickness and calibrates printhead distance for variable dot placement.
- 12 Water-cooling LED lamp**
Good curing performance with lower operating temperature and environment-friendly water-cooling LED system.
- 13 Top printing speed: up to 192m²/h**
Being engineered for high-quality printing and outputs up to 192m²/h with full blood capacity.
- 14 High-precision imported reducer**
With High-precision reducer at Y axis to increase the stepping accuracy for better high-end printing quality.
- 15 Automatic solenoid valve control of ink system**
The ink valve system is opened and closed automatically by solenoid valve control.

- 1 Auto media width detection system**
Automatically detects the width of media, flexible to print different size of media.
- 2 Static suppression(optional)**
Optional static suppression kit that eliminates static on the substrate.
- 3 Automatic negative pressure system**
Using PCB board to control negative pressure, set the negative pressure data from software.
- 4 Linear motor and metal raster**
High-tech linear motor gives more stable carriage movement, metal raster ensures the high precision in X direction movement.
- 5 Kyocera print heads(one head with 2 colors)**
Variable dots, true grey-scale imaging 4, 6 and 10pl
- 6 On board control module**
Rich functions, self-developed software, independent control module, efficient and convenient.
- 7 Function for mesh printing**
Special design with mesh kit, optional for the customers to print mesh material.
- 8 Double rollers feeding system**
Efficient and convenient system for loading the media.



Self-developed, customized driver and PCB board



Industrialized wiring make it more artistic

Kyocera KJ4A Printhead

Nozzle quantity : 2656
Physical Resolution : 2*300dpi
Pico-liter : Variable 4-6-10pl
Max Operating Frequency : 30Khz
Effective Print Width : 112.35mm

