HT5000UV SPECIFICATIONS

Model	**HT5000UV**
Printhead	Kyocera KJ4A
Quantity of printheads	4-12 pcs(Double rows)
Resolution	363*3600dpi
Print speed Draft	192㎡/h
Print speed Production	140㎡/h
Print speed Quality	95㎡/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%

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HT5000UV

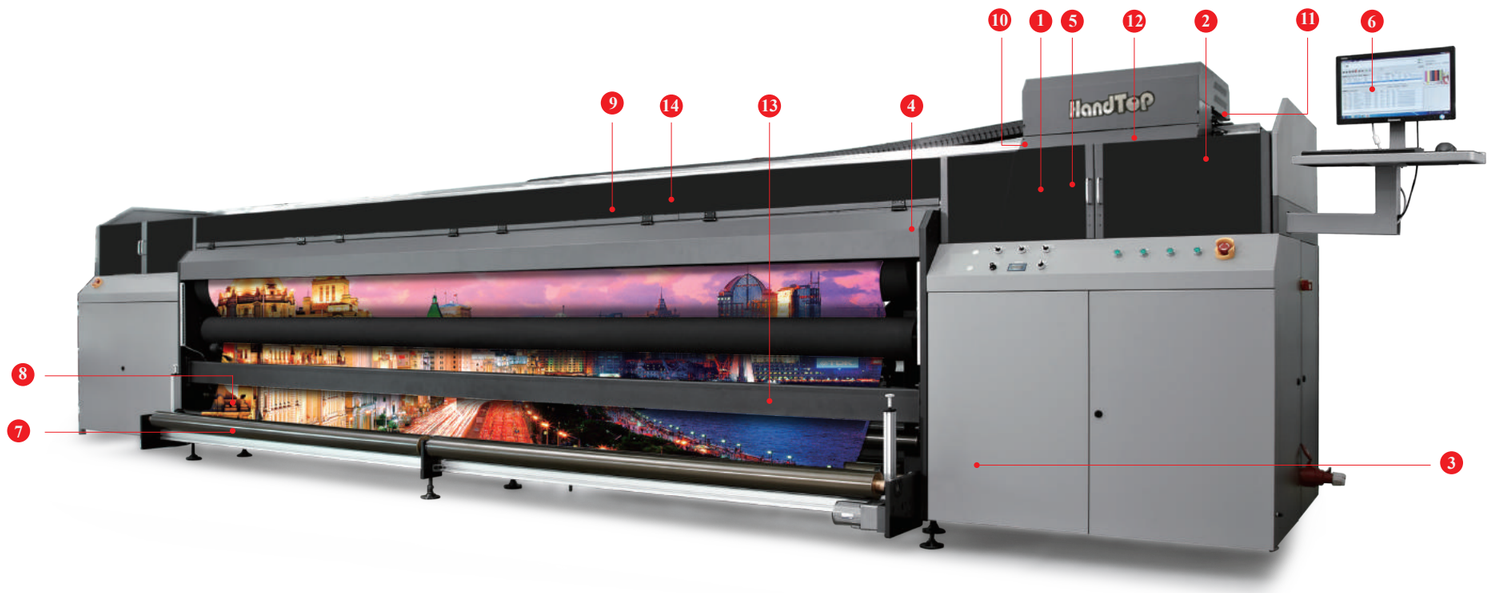
Create value for customers; be a world-leading manufacturer of smart digital printing equipment.

- 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.

HT5000UV

HT5000UV Roll to Roll Printer

5m width MEDIA AREA



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.

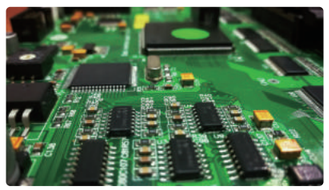
4 Linear motor and metal raster
High-tech linear motor gives more stable carriage movement, metal raster ensures the high precision in X direction movement.

5 Kyocera print heads(one head with 2 colors)
Variable dots, true grey-scale imaging 4, 6 and 10pl

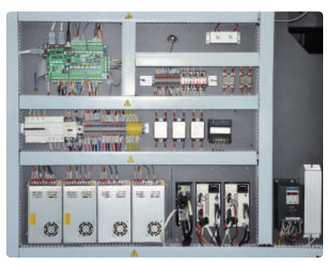
6 On board control module
Rich functions, self-developed software, independent control module, efficient and convenient.

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

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 192m^2/h
Being engineered for high-quality printing and outputs up to 192m^2/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.

Kyocera KJ4A Printhead

Nozzle quantiy : 2656

Physical Resolution : 2*300dpi

Pico-liter : Variable 4-6-10pl

Max Operating Frequency : 30Khz

Effective Print Width : 112.35mm