



Technical Parameters:

Model	HT2540UV					
Printing Information						
Printhead	GEN6					
Number of Printheads	4-16 pcs (4-Row)					
Pass	4 Pass	6 Pass	8 Pass	9 Pass	12 Pass	16 Pass
Productivity(2.5*4.0m full width)	141 m²/h	95.5 m²/h	71 m²/h	63 m²/h	46.7 m²/h	35.3 m²/h
Printing Modes	Bidirectional high speed					
Media & Ink						
Max. Print Width	2.5*4.0 m (W*L)					
Max. Media Thickness	100 mm					
Media	Background wall decoration, steel plates, soundproof cotton, waterproof fabrics, water entertainment equipment, and other large-format media.					
Ink Type	Environmentally friendly UV-curable ink (VOC-free)					
Ink Color	CMYK + White + Spot colors (up to 10 colors supported)					
Software & Features						
Curing	LED Curing (adjustable power)					
Transfer	High-speed PCIE					
RIP	Caldera					
Input	PDF, JPEG, TIFF, EPS, AI.....					
Dimensions & Weight						
Machine Dimensions	5420*5026*1580 mm (L*W*H)					
Net Weight	3000 KG					
Power & Environment						
Power Consumption	12.5kW (57A)					
Power Supply	220V					
Environmental Requirements	Independent, clean, low-dust, low-light workspace with good ventilation					
	Operating Temperature: 18°C ~ 30°C (64°F ~ 86°F)					
	Relative Humidity: 30% ~ 70% (non-condensing)					


Industrial Digital Inkjet Comprehensive Solution Provider




Independent printhead-drive technology




Self-developed control system




Self-developed MES system



Industrial-grade PLC control module



Independent ink industrial chain



Remote service maintenance system and local services

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HT2540UV

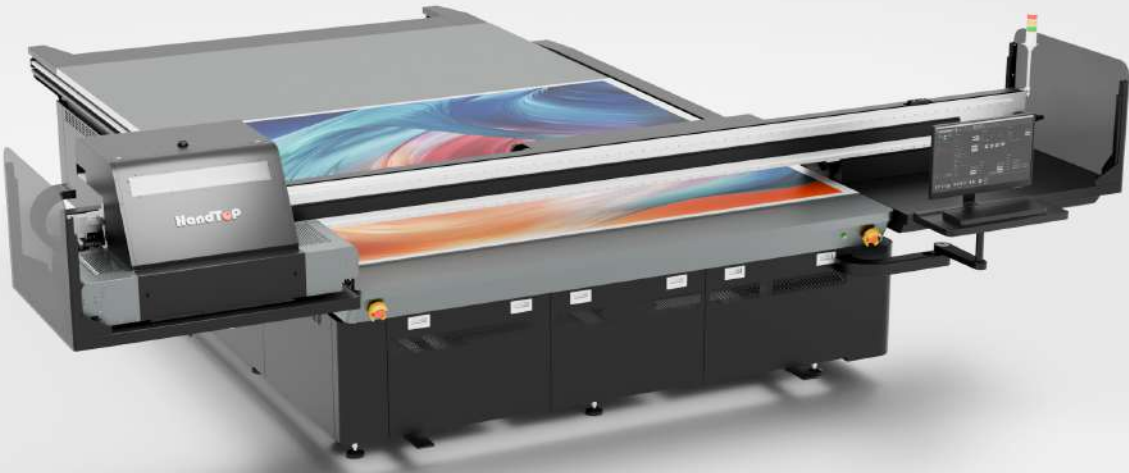
Transforming Digital UV Wide-Format Flatbed Printing | Ultra Wide UV Flatbed Printer

Key Technological Advancements:

Revolutionary circular printing technology with automatic job processing

Supported Printing Solutions:

Color-White-Color Glossy Coating, Color-White-Color Print
Embossing Effect, Full-Color Print, Diverse Glossy Coating Solutions, etc.



Max. Productivity: 141 m²/h

Printhead : GEN6 (4-row)

Color : 4-10 Colors

Max. Print Width: 2.5*4.0 m

HT2540UV

Ultra Wide UV Flatbed Printing Solution

- **Max. Print Width: 2.5*4.0 m (W*L)**

- Breakthrough 4m ultra-wide printing capability, perfectly compatible with large-format printing and multi-color printing.
- Efficient large-format prints in a single pass, eliminating the need for image segmentation and splicing, significantly improving printing efficiency.
- Wide application range including advertising feature walls, home décor, custom wall features, architectural decoration, and more.

- **Productivity Up to 141 m²/h, Supporting 4-10 Colors**

- Advanced Technologies: Industrial-grade PLC control module, new Ricoh printhead design, and innovative circulation printing technology for superior performance.
- High-Quality Printing: Supports up to 10 colors, with 4-16 Pass output and minimum ink drop size of 5pl, delivering finer, more vivid print results.
- Outstanding Color Consistency, Ensures stable color reproduction across different batches within the same order, unlocking a significant advantage in color uniformity.

- **Flexible and Powerful Multi-Solution**

- **Printing Solutions:** Embossed texture painting, color-white-color with gloss varnish, color-white-color, full color, color-white, white-color, partial gloss varnish, white-color with gloss varnish, etc.
- **Printhead Solution:** New four-row printhead solution, supports multiple printing modes.
- **Color Solution:** CMYK + W + spot color flexible combinations as needed.
- **White Ink Solution:** More than ten white ink solutions to increase efficiency and meet requirements.

- **Technical Support**

- **Intelligent Order Management System:** Supports queue printing with unlimited order loading without downtime.
- **Variable Data Printing:** Efficiently handles dynamic barcode/image/data printing.
- **Remote Fault Diagnosis and Maintenance:** Efficient technical support & after-sales service response.

- **Outstanding Performance**



Automatic Negative Pressure System



Automatic Height Measurement System



Adjustable UV Curing Power



Sensitive Carriage Anti-collision Device



Adjustable Suction Area



Optional Anti-Static Bar



Integrated Software Functions



High Quality Imported Original Parts



*Automated production robotic arms (optional)
The robotic arm pictures are for promotional illustration only.
The actual product's appearance follows the concluded contract.

- **Comprehensive Efficiency Enhancement**

- **Industrial-grade PLC Control Module:** Stronger functionality expansion, faster response time, and supports automation equipment integration.
- **New Ricoh Control Head Board:** Faster and more stable transmission speed, compatible with more printheads.
- **Three-Zone Independent Printing:** Independent control for each zone, supporting different tasks to be performed simultaneously.
- **Standard 6-Pedal Area Control:** More efficient continuous printing, significantly improving work efficiency.

- **Flexible Production Management**

- Supports queue printing of multiple specifications of panels, automatically adapts to different sizes of panels.
- Supports larger widths, 4-meter large-format panel printing in one go, with higher efficiency.

- **New Software Architecture**

- Provides a rich set of functional applications, operates more smoothly, and offers stronger compatibility.



Rendering