# HT2540UV

# **Ultra Wide UV Flatbed Printing Solution**

# **Innovative Continuous Printing Technology**

Automatic continuous printing without downtime, enabling efficient switching between different orders. No need to stop the machine when changing substrates, making production more flexible and efficient.

### 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 m<sup>2</sup>/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











M↓





Software Functions

<u>UV</u>



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High Quality Imported

Original Parts





# 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.

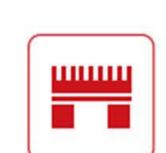


\*Automated production robotic arms (optional)

# **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 m <sup>2</sup> /h	71 m²/h	63 m <sup>2</sup> /h	46.7 m <sup>2</sup> /h	35.3 m <sup>2</sup> /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







Self-developed control system



Self-developed MES system



Industrial-grade PLC control module



Independent ink industrial chain



Remote service maintenance system and local services

Shenzhen HandTop Tech Co., Ltd.

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