



MagJet 2510

Coroplast & KT Board & Corrugated Board & Honeycomb Panel
Industrial Single Pass UV Inkjet Printer

Multi
functional
&
Technical
Support

Single Pass Core Technology Inheritance:

HandTop's Single Pass series, based on precise mechanical design and solid industrial manufacturing, inherits HanGlory Group's mature Single Pass core printing technology, ensuring competitive printing speed, quality, and stability.

Independent Printhead Drive Technology:

A key innovation for enhancing printing device performance, pushing stability and print quality to new heights, especially suitable for high-end printing scenarios with strict detail requirements.

Printhead Water Cooling Kit:

Supports 24/7 continuous printing, avoiding printhead overheating and ensuring long-term stable print quality.

Seamless Job Change Software:

Uses advanced automation technology for quick and accurate identification and matching of order information, making job change smooth and efficient without manual intervention.

Printing Control Software:

Provides fine management of the printing process, including real-time monitoring, task scheduling, precise control, and data analysis, optimizing production flow and reducing failure rates.

SINGLE PASS

Color Management Software:

Ensures color consistency across multiple SKUs, reprints, and long runs, as well as stability of spot colors; uses color difference compensation software for precise color difference compensation, ensuring each batch's product color matches the original sample.

Automatic Maintenance System:

Implements various efficient, user-friendly, and intelligent functions such as automatic printhead cleaning, self-diagnosis of faults, and component monitoring, reducing manual intervention and downtime during production, ensuring continuous high-quality printing effects.

Zero-pressure Leading Edge Feeding Technology:

Optimizes the way paper is fed to achieve flexible and precise feeding, improving printing efficiency while reducing the complexity of paper handling, lowering failure rates, and enhancing the flexibility and adaptability of the feeding process.

Non-stop Infinite File Loading:

Traditional file loading methods can occupy a lot of system resources during loading, causing the system to slow down or crash. HandTop devices support non-stop infinite file loading, eliminating the need for enterprises to purchase additional servers or increase storage space for large file loading.

Ink Consumption Calculation Software:

Allows enterprises to accurately understand the ink usage of each printer, precisely analyze ink costs, better control cost expenditures, and help enterprises make wiser purchasing decisions.

Applications:

High-definition advertising, exhibition displays, fruit packaging, interior display boards, architectural display boards, etc.

50 m/min

Max. Print Speed:

1080 mm

Max. Print width



High-Speed Digital UV Printing Solution



Synergy of High-Speed Production & Precision Engineering

Core Technology: Single Pass Printing Technology

Efficiency First :
With speed as its hallmark, the printhead covers the entire printing area in one pass, reducing mechanical movements, and achieving speeds 10-100 times faster than Multi Pass.

Unmatched Performance :
Meets the needs of large-scale, high-efficiency production, with a continuous printing speed of up to 50 m/min, enabling efficient, plate less production with high production capacity.

Comparison Between Single Pass and Multi Pass

Comparison of Printing Technologies	Single Pass	Multi Pass
Print Speed	MagJet 2510 Production Mode : 50 m/min (600*600 DPI)	Relatively slower printing speed, especially when printing large formats
	MagJet 2510 Precision Mode : 25 m/min (1200*600 DPI)	
Print Width	MagJet Max. Print width : 1080 mm (Supports wide-format boards)	Supports wide-format boards with multi pass printing motion
Continuous Production	One-time output for orders of the same specification Efficient and seamless order switching without stopping production	Supports queue printing For order switching, it generally requires stopping the machine and then restarting printing
Software Application	Supports production capacity and cost calculation	No such function
No Screen Required	Flexible printing on demand (single sheet printable), improving delivery efficiency	
Variable Data Print	Supports high-definition variable data printing (barcodes, QR codes, text, graphics, etc.)	
Quality Performance	Large-format and multi-color printing are perfectly compatible, with vivid and full colors Fine graphics, small text, textures, and gradient transitions are better represented	



Technical Parameters:

Model		MagJet 2510	
Printing Mode			
Resolution		600*600 DPI	1200*600 DPI
Print Speed		50 m/min	25 m/min
Print Information			
Media	Type	Coroplast、KT Board、Corrugated Board、Honeycomb Panel, etc.	
	Width	400-2500 mm	
	Length	Std. loading length : 400-2500 mm	Max. manual loading length : 4000 mm
	Thickness	1.5-15 mm	
	Accuracy	Feed accuracy (feed direction) : ±1 mm Registration accuracy : ±0.2 mm	
Print	Processing	Pressure-free feeding at the leading edge, manual delivery, media positioning, vacuum adsorption, conveyor belt. Ensure stability and high quality in the corrugatedcardboard printing process	
	technology	Single Pass、On-demand sound printing, piezoelectric inkjet technology	
	Printhead	The max. no of printheads per color 10	
	Inks	UV	
	color	CMYK	
	Width	1080mm (maximum printing width.)	
	Ink supply	Negative pressure automatic ink supply system	
UV Curing Method		LED Lamp Curing	
Software & Input Formats		Third-party professional RIP software, PDF, EPS, TIFF, JPEG, AI, etc. (Colorsolutions for differentprinting materials)	
Operating Software		HandTop inkjet control software	
Electrical Environmental			
Air Supply Requirements		Pressure: 0.6-0.84 MPa, flow rate≥150 L/min, oil-free, water-free clean air source	
Environmental Requirements		22-28°C(temperature), 45-65%RH (non-condensing) (humidity)	
Power Requirements & Installation Power		Main power supply: 60A, power 30kW; UPS power supply: 10A, power 5kW	
Dimensions Weight			
Equipment Dimensions		5930 * 6100 * 2190 mm (L* W *H) (Along the infeed direction)	
Packaging Dimensions		6600 * 2280 * 2210 mm (L* W *H)	
Net Weight		11100 kg	
Weight After Packaging		13040 kg	

Industrial Digital Inkjet Comprehensive Solution Provider



Master the core technology of UV inkjet printing



Core printhead supply chain



Independent ink industrial chain



Providing comprehensive solutions



Strong R&D and manufacturing support



Remote service maintenance system and local services



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