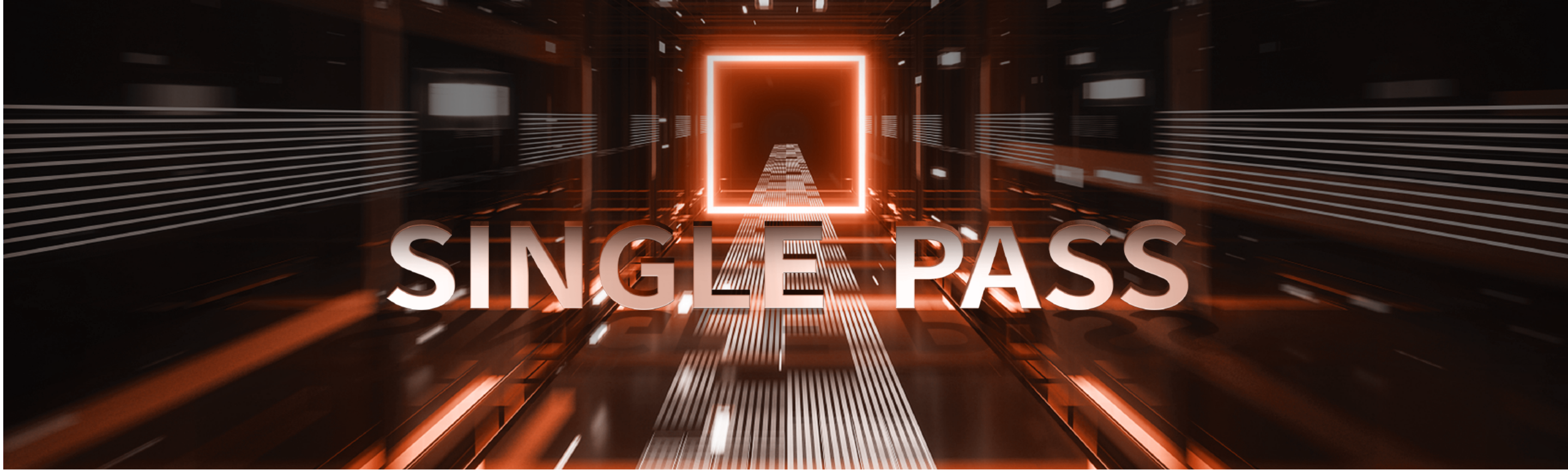




Multi
functional
&
Technical
Support

• **Single Pass Core Technology Inheritance:**

Fluid Color's Single Pass series, based on precise mechanical design and solid industrial manufacturing, inherits 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.



MagJet 2510

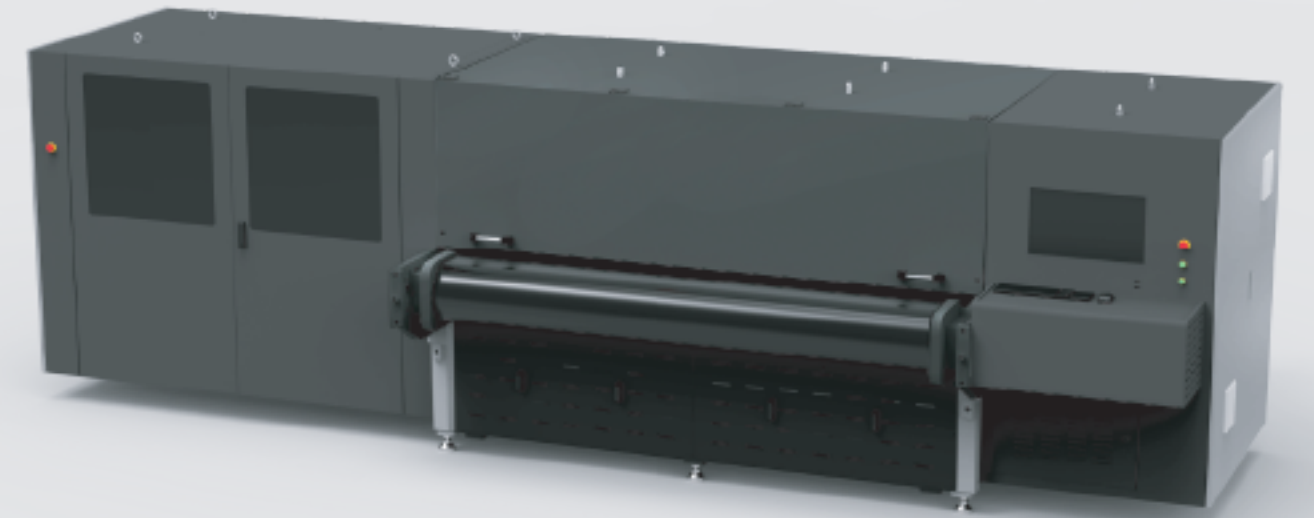
Coroplast & KT Board & Corrugated Board & Honeycomb Panel
Industrial Single Pass UV Inkjet Printer

Applications:

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

164 ft/min
Max. Print Speed:

42.5 inches
Max. Print width



Success *made* simple.

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 164ft/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: 164 ft/min (600*600 DP)	Relatively slower printing speed, especially when printing large formats
	MagJet 2510 Precision Mode: 82 ft/min (1200*600 DPI)	
Print Width	MagJet Max. Print width: 42.5" (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 Specifications:

Success *made simple.*

Model		MagJet 2510	
Printing Mode			
Resolution		600*600 DPI	1200*600 DPI
Print Speed		164 ft/min	82 ft/min
Print Information			
Media	Type	Coroplast, KT Board, Corrugated Board, Honeycomb Panel, etc.	
	Width	15.7” - 98”	
	Length	Std. loading length: 15.7” - 98”	Max. manual loading length: 157”
	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 corrugated cardboard printing process	
	technology	Single Pass, On-demand sound printing, piezoelectric inkjet technology	
	Printhead	The max. no of printheads per color 8	
	Inks	UV	
	color	CMYK	
	Width	42.5” (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. (Color solutions for different printing 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		68-90 ° F (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		233.4” * 240.1” * 86.2” (L * W *H) (Along the infeed direction)	
Packaging Dimensions		259.8” * 89.7” * 87” (L * W *H)	
Net Weight		24,471 lbs	
Weight After Packaging		28,748 lbs	

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



www.fluidcolor.com

2610 Arbor Tech Drive Hebron, KY 41048

Tel: 1-(859)-371-5120 E-mail: sales@fluidcolor.com



V1.0/2025