

Specifications

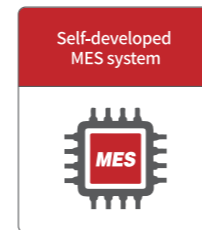
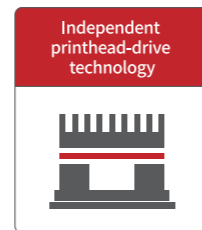
Model	Elite 2504		
Printing Mode			
Max. Resolution	1200 * 600 DPI (Infeed Direction * Width Direction)		
Production Speed	75-100 m/min		
Max. Mechanical Speed	100 m/min		
Equipment Information			
Media	Type	Various Corrugated Boards (Brown Boards, White Boards, etc.)	
	Width	400 - 2500 mm	
	Length	Std. Infeed Length: 400 - 2500 mm	Max. Length: 4000 mm
	Board Thickness	1.5 - 15 mm	
	Registration	Infeed Accuracy (Feeding Direction) : ±1 mm	Printing Registration Accuracy: ±0.2 mm
	Max. Pitch of Priming	18 mm (with Optional Priming Unit)	
Printing	Handling	Pressure-Free Front-Edge Board Feeding, Manual Paper Collection, Media Positioning, Vacuum Adsorption, Conveyor	
	Technology	Single Pass, Piezoelectric Inkjet Technology	
	Printheads	Up to 10 heads per color	
	Colors	CMYK	
	Width	1080 mm (Max. Print Width)	
	Ink	Water-Based	
Ink Supply	Negative Pressure Fully Automatic Ink Supply System		
Software & Input Formats	Third-Party Professional RIP Software, PDF, EPS, TIFF, JPEG, AI, etc. (Provides color solutions for different printing materials)		
Operating Software	Elite2504 Inkjet Control Software		
Electrical & Environmental			
Air Supply Requirements	0.6 - 0.84 MPa, Flow Rate ≥ 150 L/min, Clean Air (Oil-Free, Water-Free)		
Environmental Requirements	22 - 28°C (Temp), 45 - 65% RH (Non-Condensing) (Humidity)		
Power Supply & Installation Power	Main Power Supply: 60A, 30 kW (Total Power) UPS Power Supply: 10A, 5 kW (Total Power)	Optional Drying Unit : 90A, 57 kW (Total Power) Optional Varnishing Unit: 12A, 6 kW (Total Power)	
Dimensions & Weight			
Equipment Dimensions(L * W *H) (Along the infeed direction)	Digital Unit: 5930 * 6100 * 2190 mm	Min. Site Requirements: 11930 * 9100 * 2800 mm	
Packaging Dimensions (L * W *H)	Digital Unit: 6600 * 2280 * 2210 mm	Feeding Unit: 5000 * 1900 * 2120 mm	Priming Unit: 4550 * 950 * 2190 mm
Net Weight	Digital Unit: 11100 kg	Optional Drying Unit: 1500 kg	Optional Varnishing Unit: 3000 kg
Weight After Packaging	Total Packaged Weight: 13040 kg	Optional Drying Unit: 2100 kg	Optional Varnishing Unit: 3500 kg

Elite2504

HIGH SPEED SINGLE PASS
CORRUGATED DIGITAL INKJET PRINTER



Industrial Digital Printing Solution Provider



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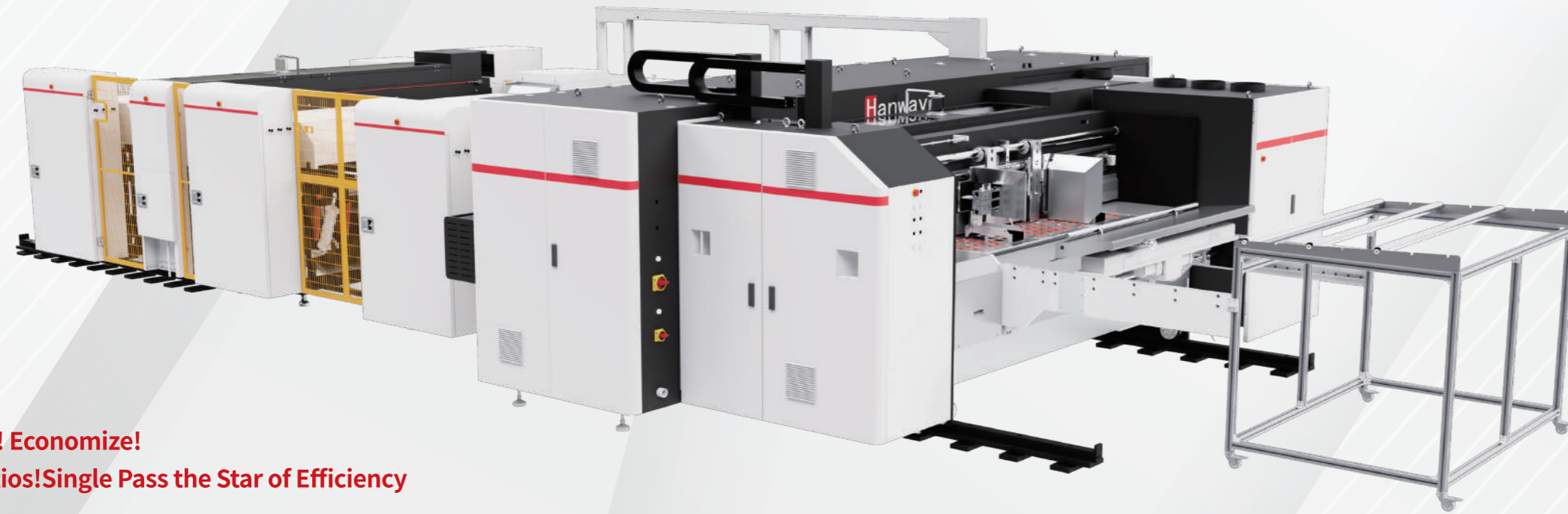
V2.0/2024

Brand New Packaging Inline Production, Single Pass the Star of Efficiency

Production Speed: 75-100 m/min

Empowering Medium-Sized Corrugated Board Printing Enterprises with Digital Transformation

Elite2504, born from the core printing technology of the renowned Glory2504, is a game-changer for the digital transformation of medium-sized corrugated board printing businesses. With mature multi-engine technology at its heart, Elite2504 ensures a competitive edge in terms of printing speed, quality, and stability.



Versatile! Fast! Stable! Economize! High Performance Ratios! Single Pass the Star of Efficiency

Production Speed: 75 - 100 m/min

- One-Time Output: Handles orders of the same specifications seamlessly
- Max. Productivity: Up to 30,000m² in a single shift
- Process Revolution: Efficient, rapid delivery, and short production cycles
- Enhanced board Feeding: Upgraded front-edge board feeding (pressure-free) streamlines printing and reduces board handling complexity

Cost-Effective Design and Ink Management

- Compact Footprint: Ingenious machine design minimizes floor space requirements
- Ink Recycling System: Virtually zero waste ink discharge, resulting in cost savings
- Modular Design: Easy installation, debugging, and maintenance for overall efficiency

Reliable Inkjet Performance

- Industrial-Grade Stability: 24/7 reliable production
- Seamless Complex Patterns: Produces intricate full-page designs on both brown and white board
- Innovative Water-Based Pigment Ink: Ensures superior print quality while prioritizing safety and environmental consciousness

Versatility in Applications

- Satisfying Large/Medium/Short Run Jobs, Multi-version, Customization, VDP Orders



Multi Choices of Colors



Customization Designs



Supports Full Color VDP
(Barcodes, QR codes, Text, Images etc.)

Packaging Integration into Streamline Production, Automation and Intelligence

Streamlined Production Line Design

Supporting modular expressions, eg. Priming unit, Drying unit, Varnishing unit

Efficient in Production Management

Manufacturing Execution System realizes efficient production management

Comprehensive Solution

Delivering a comprehensive, top-tier solution that encompasses equipment, software, ink, consumables, and robust after-sales support

Highly Flexible

- Adjustable positioning of print
- Second pass can be printed when print on large board

Multi-Process Modules (Optional)

Priming Unit

Features:

- Utilizes dual-roll coating with single-key pressure adjustment, also allowing manual fine-tuning.
- Pre-coating liquid is conveyed using a pneumatic diaphragm pump in a circulating system, equipped with low liquid.

Technical Specifications:

Max. Pitch of Priming	30 mm
Packaging Dimensions	4550 * 950 * 2190 mm (L * W * H)



Drying Unit

Features:

- Utilizes a safe and efficient hot air drying process with infinitely adjustable air volume and temperature.
- Ensures stable production quality and excellent drying results for various coated board prints.
- Segmented hot air conveyance allows setting appropriate heat zones based on product width, with energy-saving and environmentally friendly air circulation.

Technical Specifications:

Board Width	2500 mm
Equipment Dimensions	2200 * 4700 * 2280 mm (L * W * H)
Packaging Dimensions	5000 * 1900 * 1860 mm
Unit Weight	1500 kg
Net Weight	2100 kg



Varnishing Unit

Features:

- Precise coating accuracy control with adjustable coating amount, suitable for a wide range of applications.
- Continuous circulation of coating during production, ensuring uniform and stable coating concentration.
- Integrated control interface for centralized setting of various production parameters, facilitating quick and convenient product specification changes.

Technical Specifications:

Board Width	2500 mm
Equipment Dimensions	700 * 4730 * 1770 mm (L * W * H) (measured along the board feed direction)
Packaging Dimensions	4900 * 900 * 2180 mm
Unit Weight	3000 kg
Net Weight	3500 kg

