

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)	
	Handling	Pressure-Free Front-Edge Board Feeding, Manual Paper Collection, Media Positioning, Vacuum Adsorption, Conveyor	
Printing	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: Three-phase AC380V-400V-3P+PE, 60A, 50/60Hz, 30kW UPS Power Supply: Three-phase AC380V-400V-3P+PE, 10A, 50/60Hz, 5kW	
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



Industrial Digital Printing Solution Provider

Independent printhead-drive technology

Self-developed control system

Self-developed MES system

Independent ink industrial chain

Remote service maintenance system and local services



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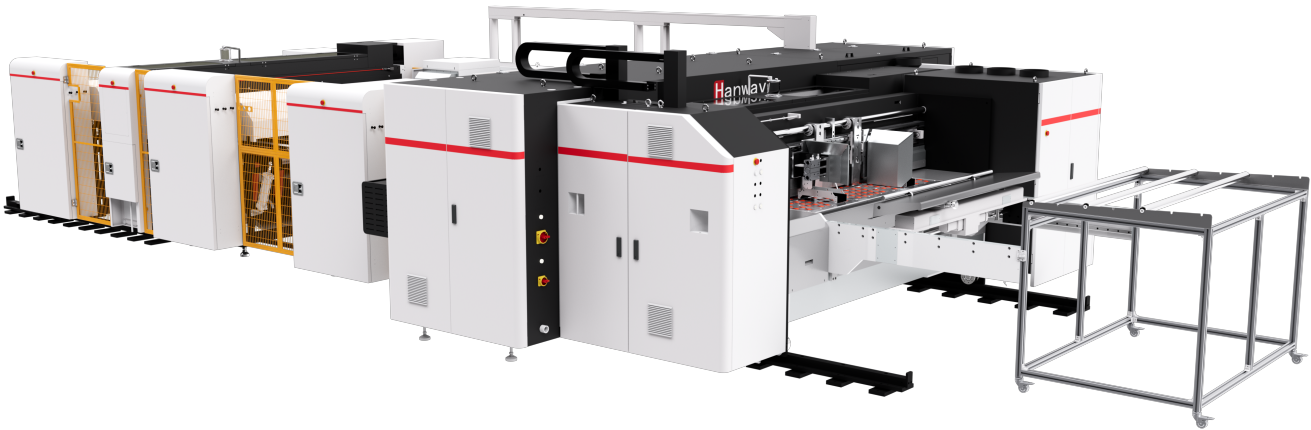
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V2.0/2024



Elite2504

HIGH SPEED SINGLE PASS  
CORRUGATED DIGITAL INKJET PRINTER



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 30,000m<sup>2</sup> 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 Flexiable

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

## Multi-Process Modules (Optional)

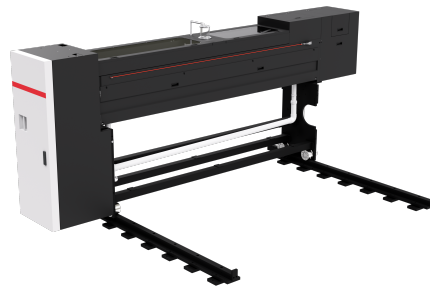
### Priming Unit

#### 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	18 mm
Packaging Dimensions	4550 * 950 * 2190 mm (L * W * H)



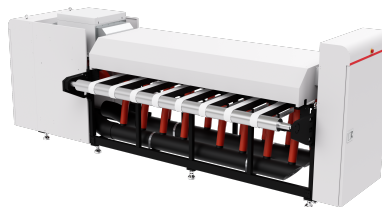
### Drying Unit

#### 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

