

**MULTI
PASS**

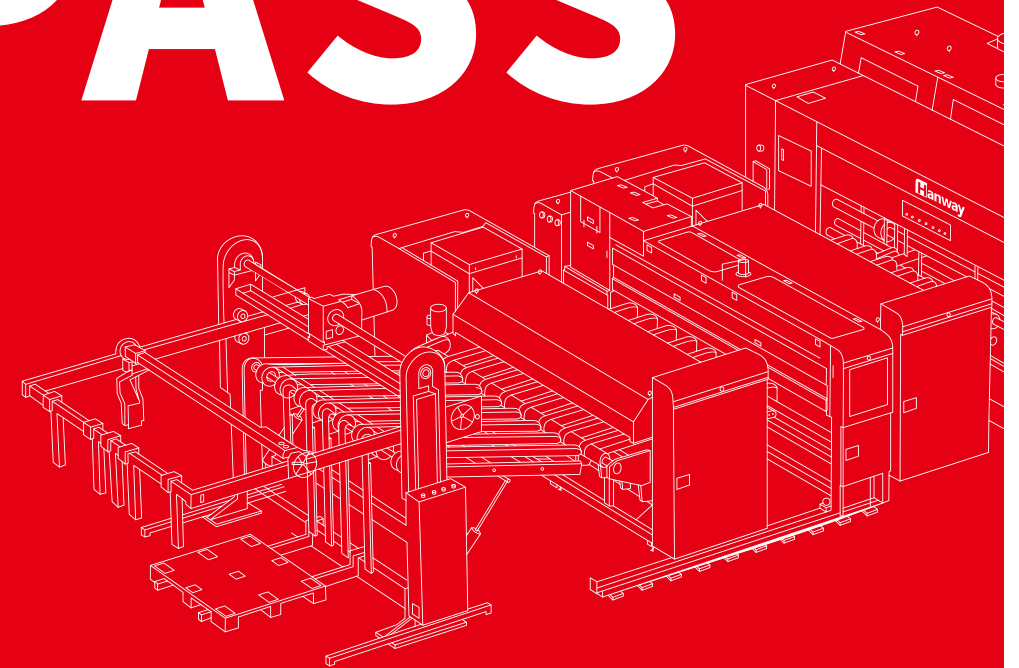
Comprehensive
Solution

 HANGLORY |  Hanway

Multi Pass Comprehensive Solution

Integrated upgrading · packaging intelligence printing applications

MULTI PASS



Multi Pass digital inkjet technology is used for paper box packaging, paper product display, commercial display, art packaging, etc. The perfect integration of high-efficiency delivery efficiency and digital flexibility breaks through the market of single-piece sales, creating new value in packaging.



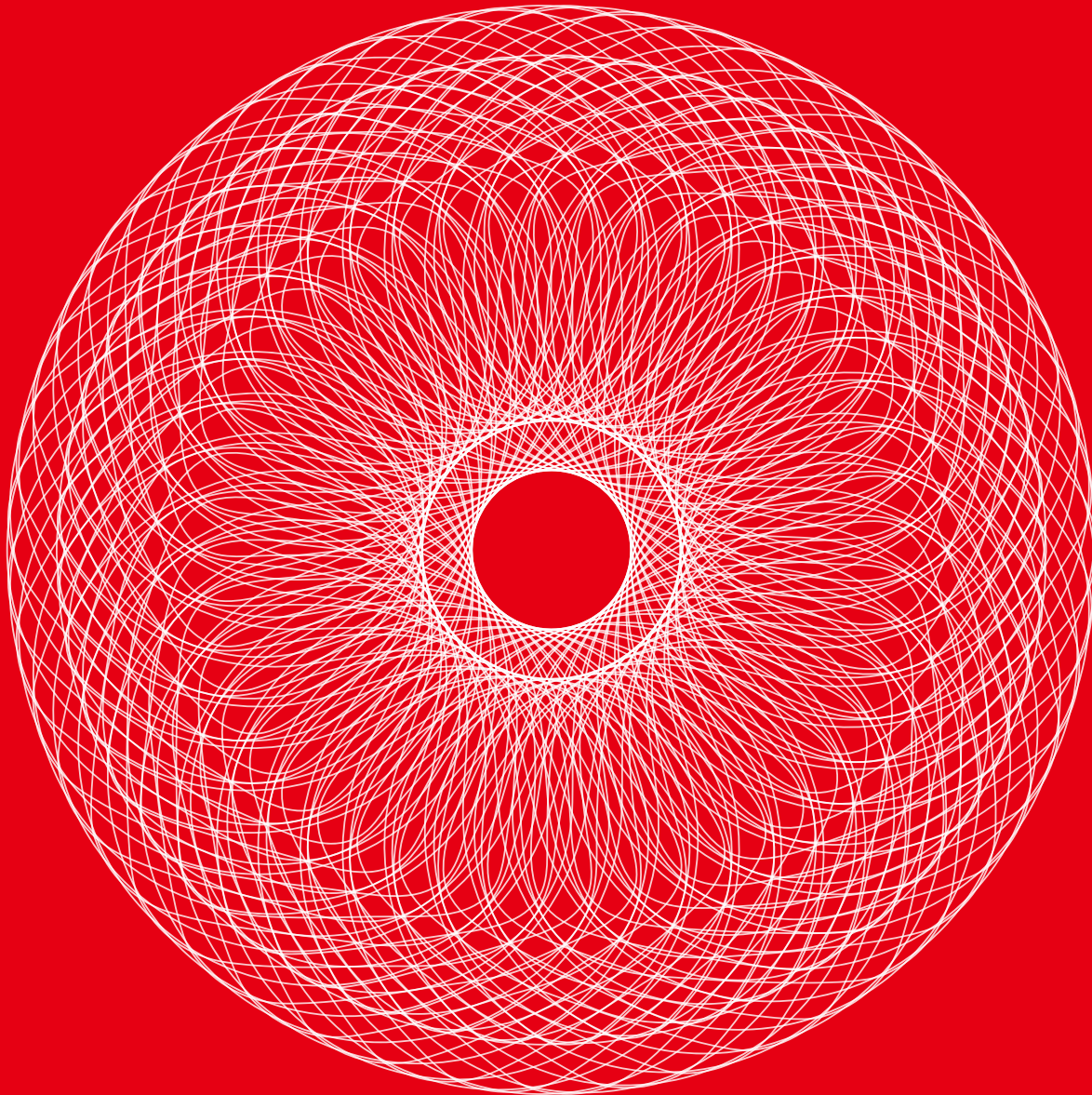
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CHAPTER

Embrace Digitalization, Ignite New Growth

Digitalization serves as the bond connecting individuals, organizations, and society, and it is a key element in constructing an intelligent world. "Industrial digital transformation is an inherent requirement to seize the waves of the new technological revolution and industrial change." According to a report by Markets and Markets, the global digital transformation market is expected to grow from \$594.5 billion in 2022 to \$1,548.9 billion in 2027, with a Compound Annual Growth Rate (CAGR) of 21.1% during the forecast period. HanGlory is committed to continuous enhancement of intelligent technology for high-end printing equipment across various industries and scenarios through "digital intelligence +", achieving automation upgrades for multiple processes or even the entire process. This aims to build intelligent manufacturing production lines, establish an open and win-win collaborative ecosystem, continually create value for customers, and assist them in achieving business value reshaping and industrial digital transformation, accelerating business success.

Driving Force in the Industry, Momentum of Inkjet Printing in the Growth

According to a new research report, *The Future of Packaging Printing to 2027*, published by Smithers, demand in the printing and packaging market will continue to increase, reaching \$551.3 billion by 2027, a growth rate of 3.1%. The biggest expansion of this will come from digital print packaging - forecast to be over 10% by 2027 - and packaging printing is becoming increasingly competitive.

Digital inkjet printing has gradually become one of the mainstream printing methods. Specifically, the scalability and versatility of digital inkjet technology makes it more suitable for large-format printing on cartons, corrugated boxes and flexible packaging, and the adoption rate of inkjet presses is growing in all packaging sectors. Direct inkjet printing on corrugated cardboard has the superiority of high production efficiency, low material consumption, low production cost, large product specifications, wide range of applications, high carton strength, neat appearance, and favorable to environmental protection, etc. It is the main process for corrugated printing.

CATALOGUE

Multi Pass Digital Inkjet Printer

Revo Series

Revo2500W (With Inline Solution) 07-12

Revo2500W Pro 13-16

Revo2500UV 17-20

HighJet Series

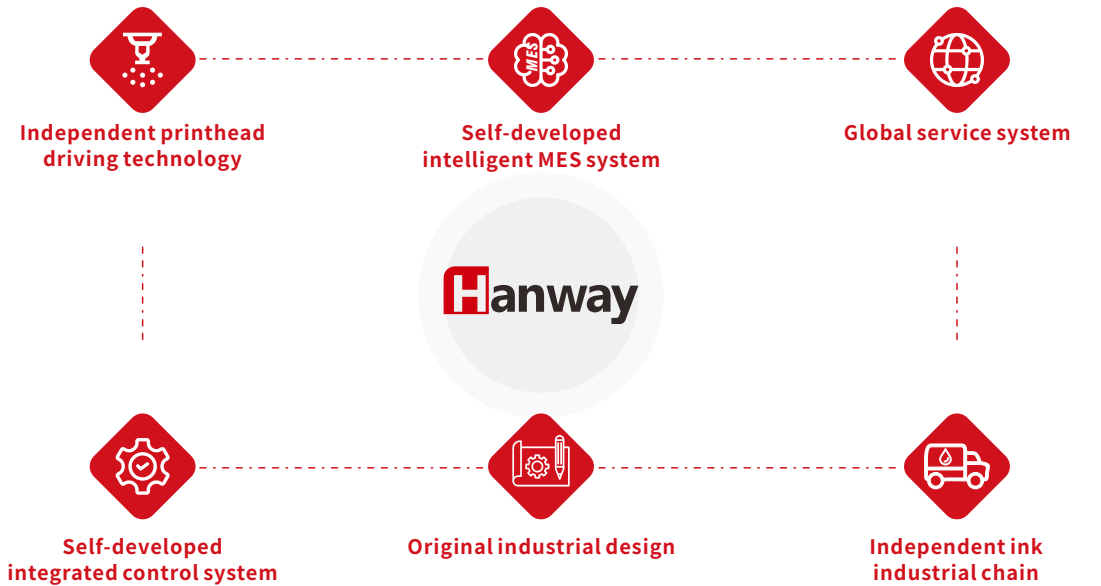
HighJet2500D(With Inline Solution)..... 21-26

Hanway

Leading the New Era of Digital Packaging Technology

Single Pass, and it has now evolved into a full matrix product layout from Single Pass to Multi Pass. The Single Pass high-speed series includes the Glory and Elite series, while the Multi Pass scanning series includes the Revo and HighJet series. With a comprehensive and diverse product selection, Hanway drives reliable and trustworthy industrial digital printing, seamlessly integrating intelligent packaging manufacturing. The company provides advanced digital equipment and overall digital application solutions for the packaging industry's industrial upgrade.

Hanway provides end-to-end high-quality industrial digital printing solutions, including equipment, software, inks, consumables, and after-sales service. Adhering to the path of comprehensive independent intellectual property rights, we continuously innovate around customer needs, driving forward-looking digital research. We lead breakthroughs in original achievements, reshaping corporate competitiveness with a future-oriented digital engine.



"Future competition demands comprehensive strength and integrated solutions, not just individual products."

Revo2500W (With Inline Solution)

Multi Functional Digital Printing Hybrid



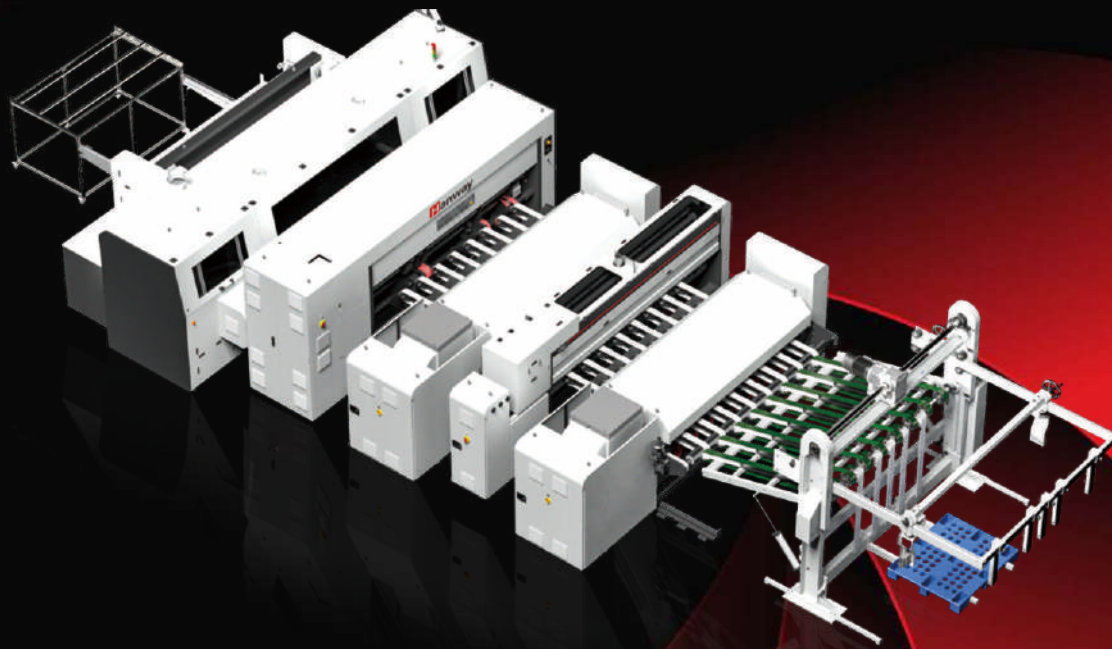
High Speed Mode:
1400 m²/hr



Standard Mode:
700 m²/hr



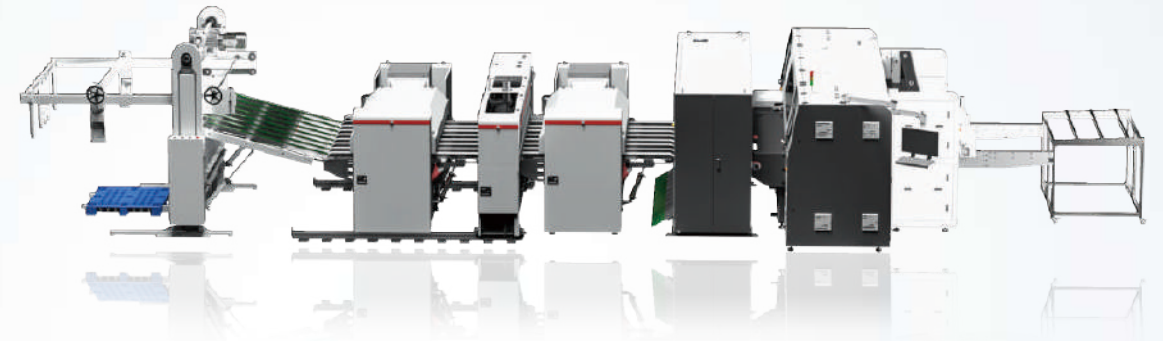
Precision Mode:
350 m²/hr



Revo2500W (With Inline Solution)

Fast Print! Redefining the Business Model of the Packaging Industry

Highly competitive digital printer for corrugated packaging, Hanway's "Fast Print," which is comparable to the productivity of entry-level Single Pass equipment, is suitable for all types of corrugated cardboard printing including corrugated carton brown/white and coated carton exquisite printing, providing you with higher image quality, productivity and efficiency to expand into the scattered market and enter the color printing market to bring higher profits to your packaging and goods display business.



Unprecedented Speed

- Productivity leaps to 1400 m²/hr for faster delivery
- Increased productivity with one-time output of same-size orders
- Support for large full-page printing and efficient processing of multi-version orders

Seize Diversified Business Opportunities

- Innovative color mode (4/6 colors mode) delivers high printing quality on the coated and uncoated corrugated board, and supports VDP
- Create higher value-added printed products, such as color cartons (boxes), personalized customization, etc.
- Create digital printing color cards with "X-Rite", Pantone's parent company to ensure consistent color output

More Intelligence + Less Maintenance

- Can be equipped with Hanway MES system to achieve efficient production management
- Modular design and intelligent operation interface for easy installation/operation/maintenance
- Automatic anti-collision protection + automatic printhead cleaning extend the useful life of printheads



Revo2500W (With Inline Solution) More Comprehensive and Flexible All-in-one Inline Design



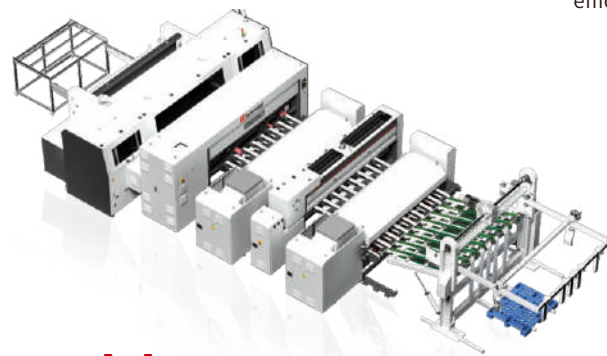
Combination of printing+slotting
+varnish+drying+stacking



Revo 2500W can be equipped with post-printing
devices: slotting, drying, varnish



Modularized and automatic
production with high
efficiency and labor saving



Multi-Process Module (Optional)

Slotting Unit

Features:

- More precise and stable with servo control and professional control system
- Quick and precise with the electric regulator adopted for the slotting size setup and driven by ball screws
- Integrated control interface brings quick setup of parameters and specifications

Parameters:

- Board thickness: 1.5 - 15 mm
- Slotting speed: 69 m/min
- Slotting space: 240 * 50 * 240 * 50 mm
- Slotting board width: 600 - 2500 mm
- Slotting board length: 400 - 4000 mm
- Machine power: 47 kW
- Machine dimension: 4650 * 1800 * 2050 mm
- Net weight: 7000 kg



Drying Unit

Features:

- Hot-air drying system with high efficiency and safety
- High production quality and suitable for various substrates especially for coated paper
- Environmental-friendly zone control system to transmit hot air according to the format of products

Parameters:

- Max transmission speed: 60 m/min
(depends on the printer speed)
- Max machine power: 57 kW
- Machine dimension: 2200 * 4700 * 2280 mm
(take the feeding direction as length)
- Machine weight: 1500 kg



Varnish Unit

Features:

- Precise coating resolution and volume control and broad application
- Circular and stable coating during production
- Integrated control interface brings quick setup of parameters and specifications

Parameters:

- Machine power: 6 kW
- Varnishing thickness range: 1.5 - 15 mm
- Machine dimension: 4730 * 700 * 1770 mm
- Machine weight: 3000 kg



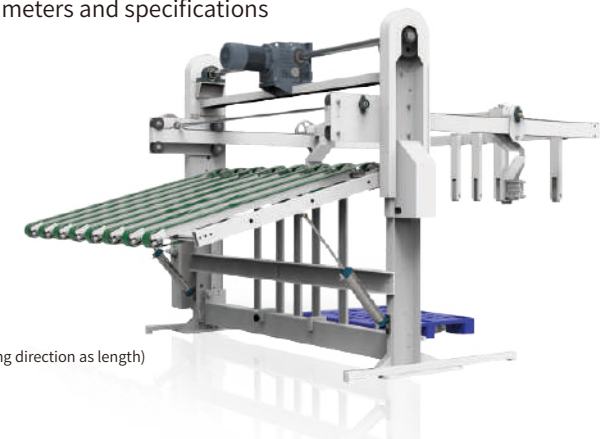
Stacking Unit

Features:

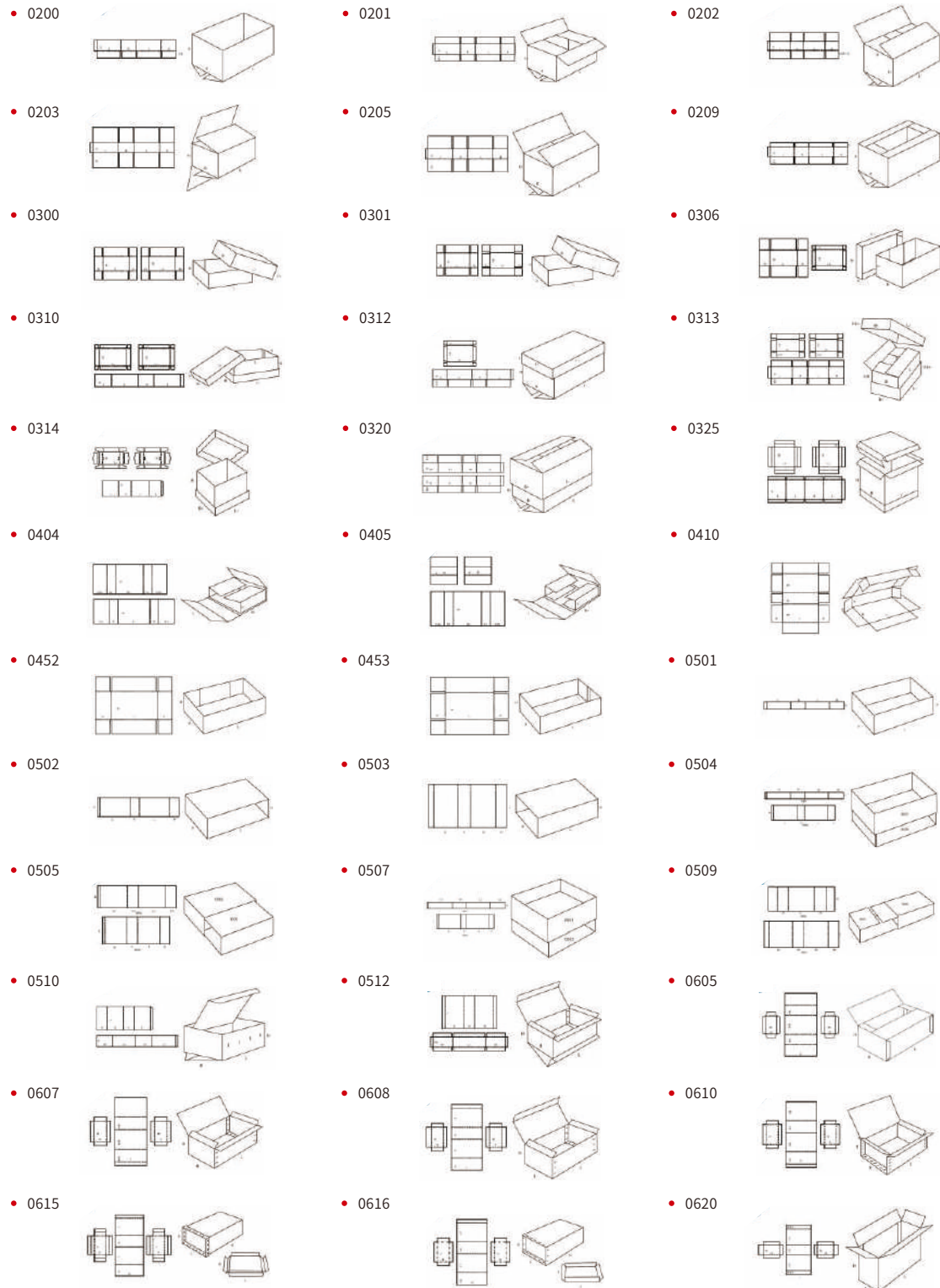
- High speed, quality and safety with labor and time saving
- Orderly stacking, stable performance, simple structure and broad stacking space
- Integrated control interface brings quick setup of parameters and specifications

Parameters:

- Type: Semi-automated
- Max.transmission speed: 65 m/min
- Min.size of stacking board: 350 * 350 mm
- Max.size of stacking board: 2500 * 2000 mm
- Stacking height: 850 mm
- The fastest lifting and lowering time: 7 - 8 s
- Machine power: 2 kW
- Machine dimension: 4173 * 3300 * 1700 mm (take the feeding direction as length)
- Machine weight: 900 kg



International Box Specifications Supported by Slotting Unit



Revo2500W (With Inline Solution)

Printing Mode		
High Speed Mode	1400 m ² /hr	
Standard Mode	700 m ² /hr	
Precision Mode	350 m ² /hr	
Printhead Ink		
Printhead Features	Industrial-grade Piezoelectric Printhead	
	Three rows, 4/6 colors mode	4 colors mode: CMYK 6 colors mode: CMYK+SPOT1+SPOT2; OR, GR for option
	Printing Width:336 mm	
Ink Type	Water-based Ink	
Substrate Information		
Substrate Type	Coated and uncoated corrugated board	
Substrate Width	400 - 2500 mm	
Standard Feeding Length	400 - 2500 mm	
Max. Manual Feeding Length	4000 mm	
Substrate Thickness	1.5 - 15 mm	
Software Functions		
Board Feed Method	Leading edge feeder	
Drying System	Air Drying/ Hot Air Drying	
RIP Software	3rd party professional RIP control system	
Control Software	Revo2500W Inkjet Printing System	
Power Air Environment		
Power Supply Requirement	AC 380 - 400 V 3P+PE, 70 A, 50/60 Hz, Total Power 40 kW	
Air Pressure Requirement	Pressure: 0.6 - 0.84 MPa, flow rate ≥ 150 L/min, clean air source without oil and water	
Environment	Relative Humidity: 45 - 65%, Ambient Temperature: 22 - 28 °C	
Size Site Weight		
Min. Operational Site	11400 * 8700 * 2500 mm (L* W * H)	
Machine Size	5400 * 5700 * 2200 mm (L* W * H)	
Net Weight of Machine	7500 kg	
Packaging Weight	9000 kg	

Revo2500W Pro

(Flexible multi-solution—Pro series optional: Revo2500UV Pro brand-new UV inline system)

Multi-Functional Digital Printing Hybrid

Suitable for all types of corrugated board, breakthrough printing on folding carton, to enhance the print to what no others would have ever imagined. The printer, digital printing on packaging, also optimizes automated production to lower the cost of labor, minimize waste and ultimately increase profitability.



Max. Productivity:
1050 m²/hr

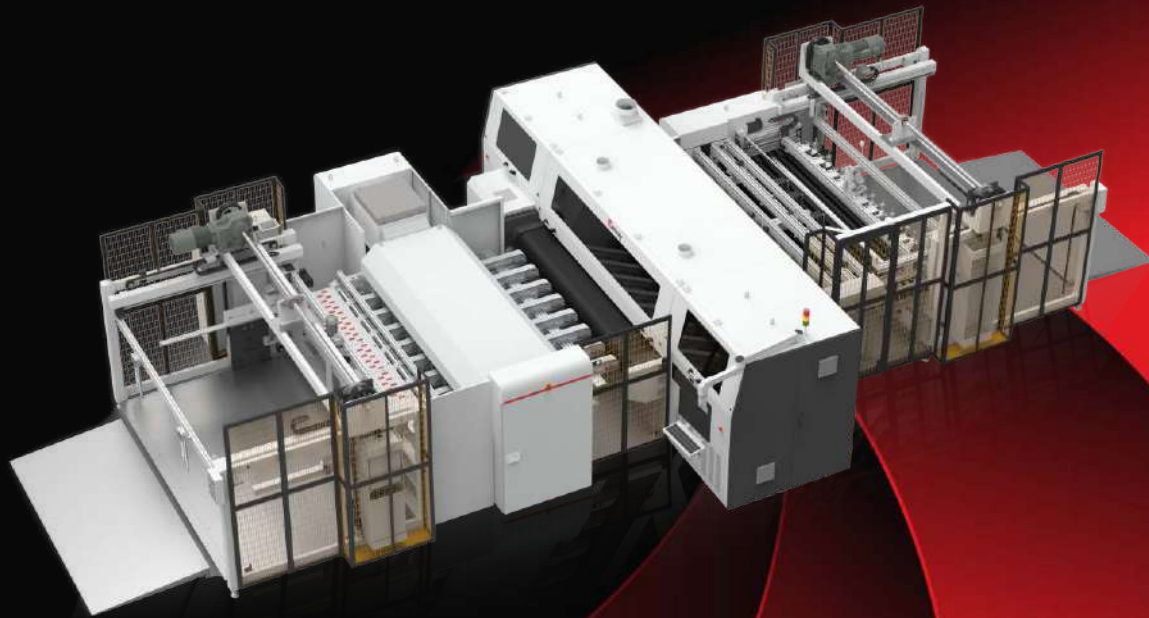


Substrate Thickness:
0.3 - 15 mm

Printing thickness compatibility with
(0.3 - 0.6 mm, 10 mm or above)
is subject to specific circumstances.



Color Mode:
4/6 mode optional



Revo2500W Pro



Fully automatic top feeder module working with the production line.



Breakthrough in coated cardboard, white/brown cardboard printing.



Different feeding modes for customers to choose from with labor saving, high efficiency and simple procedure.



Fully digitalized display and modularized design for easy installation, adjustment, operation and maintenance.



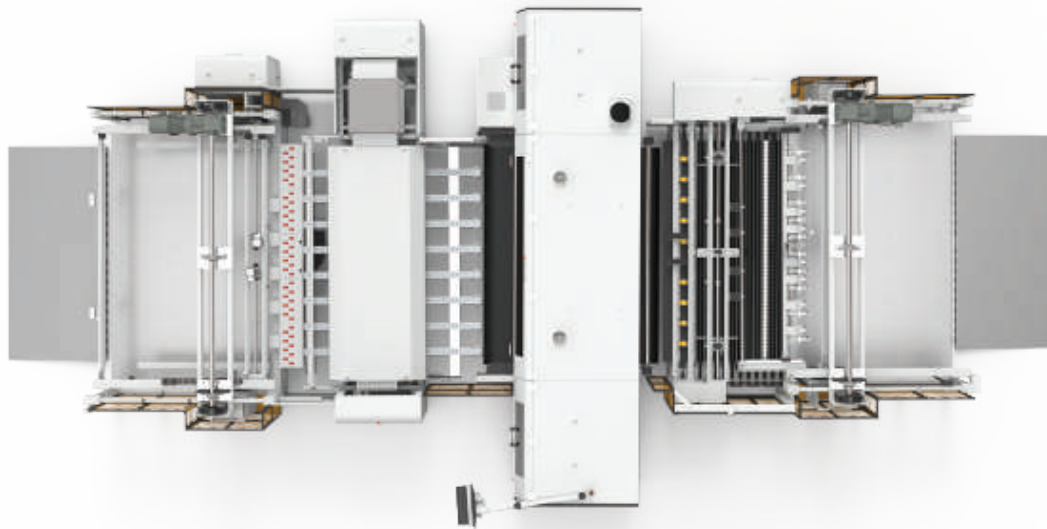
Fully Automatic Top Feeder

Features:

- Sucked-type vacuum board feeding system for non-destructive transport of cardboard
- Automatic control on the volume of the feeding suction cups for different sizes of cardboard
- Hanging tray with automatic lifting and lowering according to the height of cardboard

Feeding Machine:

- Max. board size: 2500 mm (W) * 2000 mm (L)
- Board thickness: 0.3-15 mm
Printing thickness compatibility with (0.3 - 0.6 mm, 10 mm or above) is subject to specific circumstances.
- Min. board size: 400 mm (W) * 400 mm (L)
- Feeding height: 750 mm (tray included)



Revo2500W Pro

Printing Mode			
High Speed Mode	1 PASS	508 * 600 DPI	1050 m ² /hr
Standard Mode	2 PASS	508 * 1200 DPI	700 m ² /hr
Precision Mode	4 PASS	508 * 2400 DPI	350 m ² /hr

Printhead Ink	
Printhead Features	Industrial-grade Piezoelectric Printhead
	Standard configuration: Three rows of four colors (CMYK), a total of 12 printheads
	Highest configuration: Three rows of six colors (CMYK)+2 spot colors, a total of 18 double-color printheads
	Printing Width: 336 mm
Ink Type	Water-based Ink/UV Ink Optional

Substrate Information	
Substrate Type	Coated and uncoated corrugated board, Cardboards
Substrate Width	400 - 2500 mm
Standard Feeding Length	400 - 2500 mm
Max. Manual Feeding	4000 mm
Substrate Thickness	0.3-15 mm Printing thickness compatibility with (0.3 - 0.6 mm, 10 mm or above) is subject to specific circumstances.

Software Functions	
Ink Supply System	Full automatic negative pressure ink supply system
Drying System	Air Drying/ LED Lamp UV Curing
RIP Software	3rd party professional RIP control system
Control Software	Revo2500W Pro Inkjet Printing System

Power Air Environment	
Power Supply	AC 380 - 400 V 3P+PE, 187 A, 50/60 Hz, Total Power 108 kW
Air Pressure	Pressure: 0.6 - 0.84 MPa, flow rate ≥ 900 L/min, clean air source without oil and water
Environment	Relative Humidity: 45 - 65%, Ambient Temperature: 22 - 28 °C

Size Site Weight	Net Weight of Machine	Packaging weight	
Board Feeder	Packaging size: 4500 * 2280 * 2410 mm (L* W * H)	2500 kg	3200 kg
Conveyor	Packaging size: 4050 * 1950 * 2410 mm (L* W * H)	1900 kg	2500 kg
Printer	Packaging size: 5940 * 2280 * 2210 mm (L* W * H)	5000 kg	6000 kg
Dryer	Packaging size: 5000 * 1900 * 2060 mm (L* W * H)	1500 kg	2000 kg
Board Delivery	Packaging size: 4500 * 2280 * 2410 mm (L* W * H)	2900 kg	3600 kg

Revo2500UV

Multi-Functional Digital Printing Hybrid

Suitable for all types of corrugated board, breakthrough printing on folding carton, to enhance the print to what no others would have ever imagined. The printer, digital printing on packaging, also optimizes automated production to lower the cost of labor, minimize waste and ultimately increase profitability.



Max. Production:
540 m²/hr



Application Solution:
New Generation UV Solution



Max. Resolution:
605*1200DPI



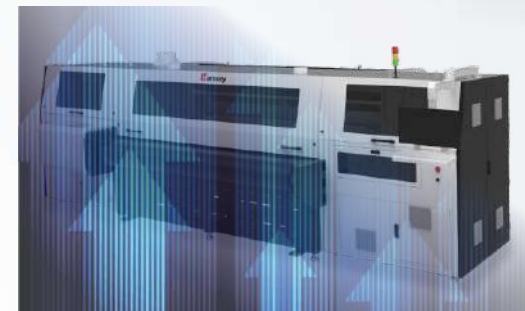
Innovative White Ink Solution

Break through the bottleneck of water-based ink solution, white ink process is more mature to meet the high quality requirements of brand orders.



Comprehensive Quality Beyond

New printhead color mode to meet more than 99% of the needs of the packaging industry, and quality comparable to offset printing. (Cardboard display shelves, Cardboard shelves, Cardboard display boxes, supermarket promotion display and other advantages in multiple fields)



Comprehensive Speed Upgrade

The max. productivity can reach 540 m²/hr, short cycle time, fast delivery, inventory reduction, low cost.



Large Format Printing

Max. printing width up to 336 mm, more flexible width application, large full-page printing without worry.



Expanding Printable Materials

The new generation UV solution is suitable for all specifications of corrugated board and extends to non-corrugated materials. (Coated paper, Corrugated boards, etc.)



Digital Efficiency Enhancement

Full-color variable data to meet QR & Bar code needs, adapt to small batch, multi-batch, customized orders.



Digital printing color card
One-stop digital color management
Consistency and stability of color output



Grayscale printing
Colorful images
Personalized packaging design



Bar code and QR code printing
Easy operation of various kinds of orders
More business opportunities

Revo2500UV

Printing Mode				
Max. Resolution	605 * 1200 DPI			
High Speed Mode	2 PASS	540 m ² /hr		
Standard Mode	3 PASS	350 m ² /hr	4 PASS	260 m ² /hr
Precision Mode	6 PASS	175 m ² /hr	8 PASS	130 m ² /hr
Printhead Ink				
Printhead Features	Industrial-grade Piezoelectric Printhead			
	Standard configuration: Three rows of four colors (CMYK)			
	Highest configuration: Three rows of five colors (CMYK) + white			
	Max. printing width: 336 mm			
Ink Type	UV			

Substrate Information

Substrate Type	All specifications of corrugated board and extends to non-corrugated materials. (Coated paper, Corrugated boards, etc.)
Substrate Width	400 - 2500 mm
Standard Feeding Length	400 - 2500 mm
Max. Manual Feeding Length	4000 mm
Substrate Thickness	1.5 - 15 mm

Software | Functions

Drying System	LED lamp UV curing
RIP Software	3rd party professional RIP control system
Control Software	Revo2500UV Inkjet Printing System

Loading & Unloading System

Loading System	Front edge lifting board feed
Unloading System	Manual

Power | Air | Environment

Power Supply Requirement	AC 380 - 400 V 3P+PE, 80 A, 50/60 Hz, Total Power 45 kW
Air Pressure Requirement	Pressure: 0.6 - 0.84 MPa, flow rate ≥ 150 L/min, clean air source without oil and water
Environment	Relative Humidity: 45 - 65%, Ambient Temperature: 22 - 28 °C

Size | Site | Weight

Min. Operational Site	11400 * 8700 * 2500 mm (L* W * H)
Machine Size	5400 * 5700 * 2200 mm (L* W * H)
Packaging Size of the Digital Part	5940 * 2280 * 2210 mm (L* W * H)
Packaging Size of the Feeding Part	4600 * 1900 * 2200 mm (L* W * H)
Net Weight of Machine	7500 kg
Packaging Weight	9000 kg

HighJet2500D (With Inline Solution)

Digital Corrugated Board Printer

Redefine the Speed and Quality Of
Scanning Printing in Digital Packaging



High Speed Mode:
700 m²/hr



Standard Mode:
350 m²/hr



Precision Mode:
175 m²/hr

More Stable and Effective Production

- Production capacity is up to 700m²/hr, comprehensive productivity enhancement.
- More stable and efficient printing and higher resolution driven by linear motor.
- Print order queue for one-time output of orders with the same specification and for higher production.

More Exquisite and Broader Applications

- Applicable to corrugated boards of different specifications and more suitable for high-quality coated board printing.
- Color variable data printing including bar code and QR code to promote personalized packaging.
- Color card for digital corrugated board printing with one-stop digital color management .

Cost Effective

- All-in-one design with inline solution, different units including drying and varnish for customers to choose from.
- Independent digital inkjet printing control system with brand-new upgrading in ink supply module.
- Modularized design with simple configuration, easy installation and maintenance .



HighJet2500D

A New Generation of Multi-Functional Digital Scanning Printer

More stable and efficient: max productivity up to 700 m²/hr.

More exquisite and broader: color variable data printing, coated and uncoated board printing for extensive applications.

Customized and personalized: flexible combination of different units helps to develop personalized packaging.

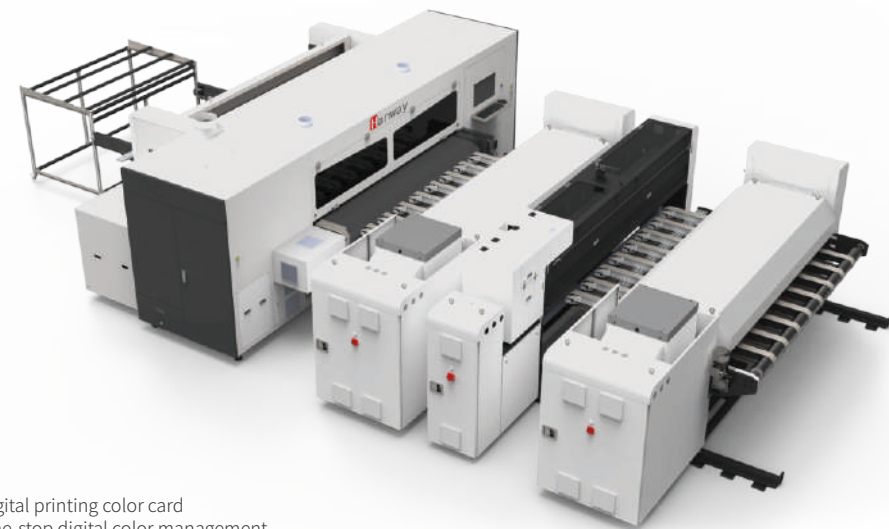


HighJet2500D (With Inline Solution)

Inline Design with Different Modules to Choose From

All-in-one procedure of board inkjet printing+drying+varnish.

Flexible match of post-printing modules including drying, varnish, etc.



Digital printing color card
One-stop digital color management
Consistency and stability of color output

Grayscale printing
Colorful images
Personalized packaging design

Bar code and QR code printing
Easy operation of various kinds of orders
More business opportunities



Multi-Process Module (Optional)

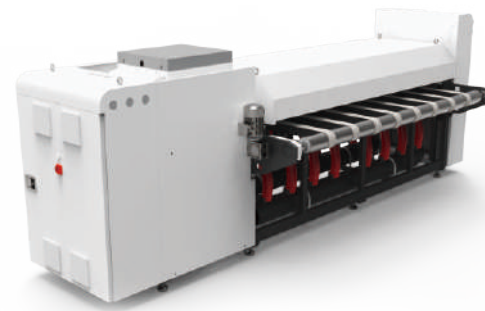
Drying Unit

Features:

- Hot-air drying system with high efficiency and safety.
- High production quality and suitable for various substrates , epecially for coated paper.
- Environmental-friendly zone control system to transmit hot air according to the format of products.

Parameters :

- Max transmission speed: 60 m/min (depends on the printer speed)
- Max machine power: 57 kW
- Machine dimension: 2200 mm * 4700 mm* 2280 mm
(take the feeding direction as length)
- Machine weight: 1500 kg



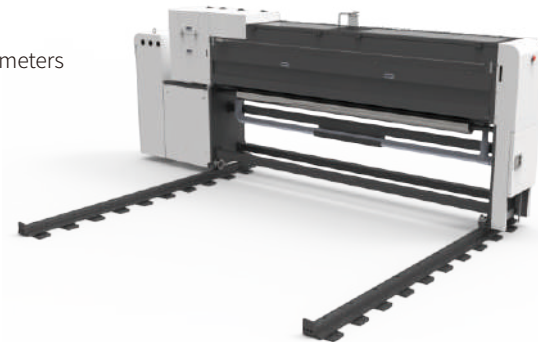
Varnish Unit

Features:

- Precise coating resolution and volume control and broad application.
- Circular and stable coating during production.
- Integrated control interface brings quick setup of parameters and specifications.

Parameters :

- Machine power: 6 kW
- Varnishing thickness range: 1.5-15 mm
- Machine dimension: 4730 * 700 * 1770 mm
- Machine weight: 3000 kg



HighJet2500D (With Inline Solution)

Printing Mode

High Speed Mode	700 m ² /hr
Standard Mode	350 m ² /hr
Precision Mode	175 m ² /hr

Printhead | Ink

Printhead Features	Industrial-grade Piezoelectric Printhead
	CMYK, 8 Print heads
	Printing Width:224 mm
Ink Type	Water-based Ink

Substrate Information

Substrate Type	Coated and uncoated corrugated board
Substrate Width	400 - 2500 mm
Standard Feeding Length	400 - 2500 mm
Max. Manual Feeding Length	4000 mm
Substrate Thickness	1.5 - 15 mm

Software | Functions

Board Feed Method	Leading edge feeder
Drying System	Air Drying
RIP Software	3rd party professional RIP control system
Control Software	HighJet 2500D Inkjet Printing System

Power | Air | Environment

Power Supply Requirement	AC 380 - 400 V 3P+PE, 54 A, 50/60 Hz, Total Power 27 kW
Air Pressure Requirement	Pressure: 0.6 - 0.84 MPa, flow rate ≥ 150 L/min, clean air source without oil and water
Environment	Relative Humidity: 45 - 65%, Ambient Temperature: 22 - 28 °C

Size | Site | Weight

Packaging Size of the Digital Part	5940 * 2280 * 2210 mm (L * W * H)
Machine Size	5400 * 5520 * 1880 mm (L * W * H) (take the feeding direction as length)
Packaging Size of the Feeding Part	4600 * 1900 * 2200 mm (L * W * H)
Min. Operational Site	11400 * 8520 * 2500 mm (L * W * H)
Net Weight of Machine	7000 kg
Packaging Weight	8000 kg