

REDEFINE OPPORTUNITIES



Shenzhen Hanway Industrial Digital Equipment Co., Ltd



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Create value for customers
To be a world-leading manufacturer
of smart digital inkjet printing equipment

About Us

Hanglory Group is an international manufacturer of leading-edge digital inkjet printing solutions for industrial applications. Founded in 2010, the company's R&D and Engineering teams develop and maintain a vast portfolio of intellectual property rights in digital inkjet printing software and hardware processing and data transmission. Producers of display & signage, wide format graphics, textiles, packaging, labels, decoration materials, PCB's and 3C Electronics depend on Hanglory Group's printing technology to achieve the highest quality imaging and color results. Hanglory Group's Sales, Service and Support operations in over 60

countries around the world make it possible for our customers to achieve optimal productivity and profitability from their digital inkjet printing investment.

Hanway, a wholly owned subsidiary of Hanglory Group, specializes in the development of industrial digital inkjet printing solutions in the corrugated industry including post-printing and pre-printing. It has taken the lead to launch its independently developed Single Pass corrugated digital printer in China in 2016, which is also competitive internationally.

Hanway
汉华工业

WHY CHOOSE US?

The transition from flexography and lithography to digital inkjet printing represents the future of corrugated packaging. Digital inkjet printing technology enables packaging enterprises to meet their customer demands for shorter to medium run orders, print-on-demand, faster job switches, versioning. Without the necessity to make and store plates and handle pre-printed liner sheets, digital printers make it possible to print on-demand with less inventory space and shorter job setup time. Digital printers essentially transform the corrugated packaging industry from mass production to mass personalization.

Hanway leads in installations of industrial-level Single Pass printers for corrugated packaging in China and plays as a strong competitor in the global market as well. Having begun research into the digital packaging market sector in 2012, Hanway launched in China their industrial corrugated digital printer known as Glory1604 four years later in 2016. Within six months after installation of Glory1604, customers

owning this highly automated, intelligent and environmental-friendly digital inkjet printing solution created millions of dollars worth of digitally printed corrugated packaging. Based on Glory1604 exceptional performance, Hanway and its partners expanded sales installations outside of China, and now this industry leading printer has been gaining popularity in Asia, Europe and America.

Since then, Hanway has successively launched and improved Glory series and HighJet series, and will also create the Revo series to bring customers more new options for corrugated packaging printing. With a series of disruptive products, Hanway has rapidly emerged in the industry and has become one of the leading companies.

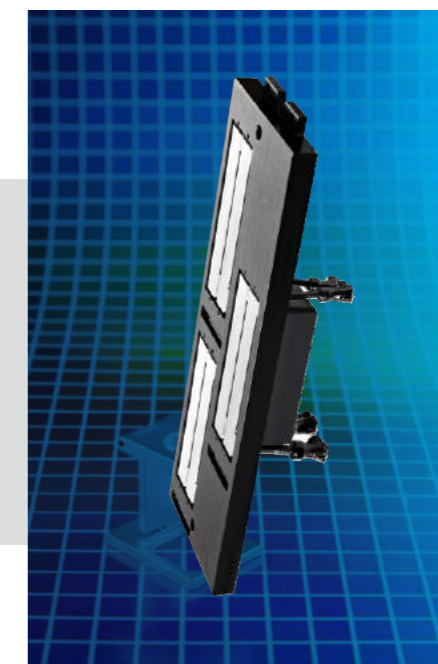
Hanway followed the success of Glory1604 by subsequently and then launched HighJet series of multi-pass digital printers and Glory 1800P Corrugated Roll to Roll Preprint Machine for high-volume liners preprinting application. While Single Pass Glory1604 was designed for box plants with large production capacity, HighJet2500A and HighJet2500B appeal to customers who are looking for an affordable and smaller, mid-level production. HighJet printers offer the flexibility to operate with either UV or water-based inks and can work with the feeding width of corrugated sheets up to 2.5 meters.



Independently Developed Print Head Drive Technology

A high-quality print head can guarantee the final speed and quality of printing, which is the "soul" of a printer. Hanglory Group independently developed the print head drive technology, and has accumulated more than ten years of high speed industrial-grade print head research and application experience. Today, every product line of Hanglory Group is equipped with industrial-grade piezoelectric ceramic print heads, and Hanway has raised the application of this super print head to a new level, successfully creating the first domestic high-end industrial-grade corrugated board digital inkjet printing machine, realizing 150 m/min Single Pass high-speed printing of corrugated board and has become a famous star in the field of digital inkjet printing in China with its unparalleled speed advantage.

Industrial-grade print heads belong to the "extreme process". The small print head must not only contain thousands of nozzles, but also ensure its sensitive induction to voltage pulses. And the print head can operate for a long time without interruption. In this field of extreme technology, industrial-grade piezoelectric ceramic print heads have attracted much attention and have been praised as "aristocrats of print heads". They are far superior to ordinary print heads in terms of printing speed, stability, and printing quality.



**Industrial-grade
Piezoceramic Printhead**



Ink Application Solution

To see a digital printer is good quality or not depends on not only printer itself in terms of speed, stability, etc., but also ink solutions, the quality, and stability of inks used and the compatibility of printers and inks.

In terms of ink application,Hanway mainly uses high-end customized water-based inks, which have good friction fastness, stability, water resistance,

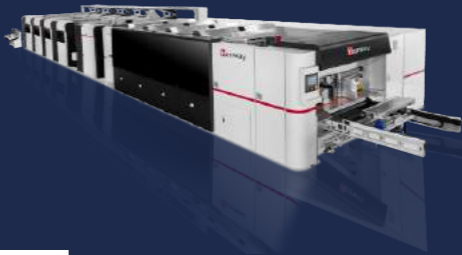
gloss and tinting power, which are safer, more environmentally friendly, non-toxic, and have bright and full printed patterns. The ink is smooth and stable output, which is adapted to the production of Hanway Glory series and HighJet series models.

With the short-term and personalized development of the printing and packaging industry and the rise of large-format inkjet advertising,Hanway has also developed UV-type corrugated board printers that use UV ink solutions. UV inks have high fixation rates, high purity, obvious advantages such as good fluency,strong durability,good stability, zero insoluble substance, avoidance of print head blockage, which can effectively extend the life of the print head.

Hanway continues to improve its technology in ink consumables, improve its processes, and further optimize its software. At the same time, it continuously upgrades the quality of ink viscosity, PH control, adhesion, thixotropy, etc., making the stable quality of water-based inks and its high adaptability to the machine.



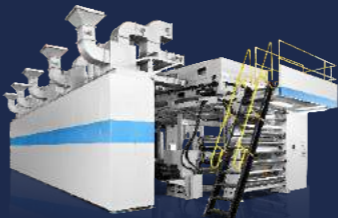
Post-print Equipment



Glory1604
Industrial Grade Four Color
Corrugated Digital Inkjet Printer

Glory2504
High-speed large format Single Pass
Corrugated Digital Inkjet Printer

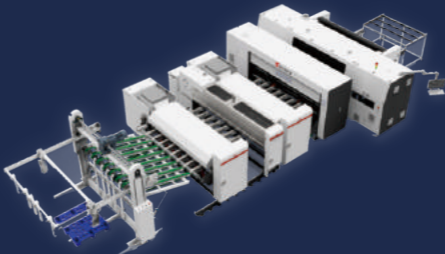
Glory Series



Preprint Equipment

Glory 1800P
Corrugated Digital Inkjet Roll to Roll
Preprint Machine

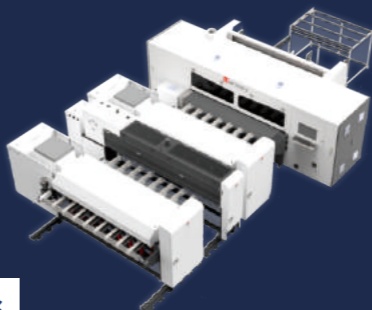
Glory Series



Revo 2500W
Corrugated Digital Inkjet Printer

Revo 2500W Pro
Corrugated Digital Inkjet Printer(Upgraded
Version)

Revo Series

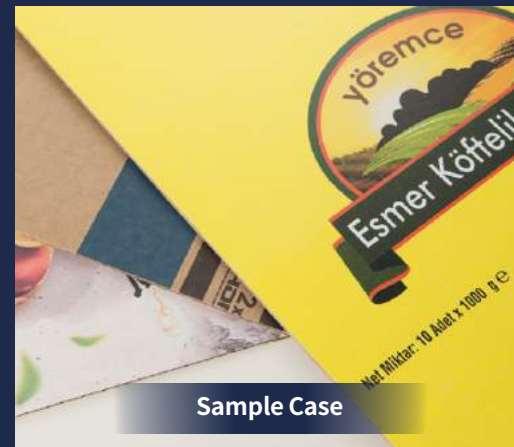


HighJet2500D
Industrial Grade High-speed Corrugated
Digital Inkjet Printer

HighJet Series



Sample Case



Sample Case



Customer Case



Customer Case



Customer Case



Customer Case

Glory1604/Glory2504

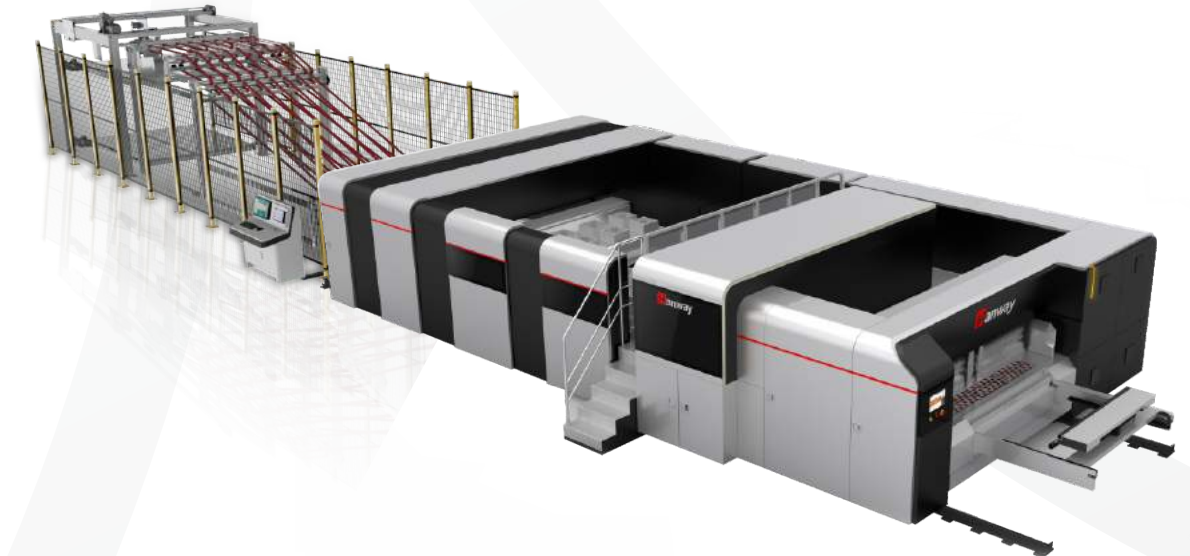
Glory Series · Post-print Equipment



Glory1604

Industrial Grade Four Color Corrugated Digital Inkjet Printer

By using single pass technology, Glory1604 is equipped with 56 industrial grade piezoelectric Print heads. Through 4-color printing, the production capacity up to 150m/min, and the printing resolution reaches 600*1200dpi. Perfect printing on most kinds of corrugated board with different specifications. With advanced technology and high performance, it becomes China's first real industrial grade corrugated digital printer.

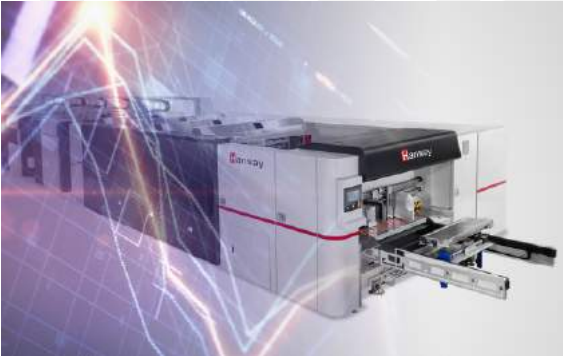


Glory2504

High-speed large format Single Pass Corrugated Digital Inkjet Printer

Using innovative wide-format application design, it can be equipped with up to 80 industrial-grade piezoelectric ceramic print heads, multi-level grayscale printing, up to 20 print heads per color, and a maximum production capacity of 17773m²/hr, bringing higher-value wide-format applications and higher production efficiency.

PRODUCT
ADVANTAGES



Ten years of experience in digital inkjet,
refreshing printing quality

In cooperation with the world's leading print head manufacturers, we have accumulated over ten years of research and application experience in high-speed industrial-grade print heads.

The series of products are equipped with industrial-grade piezoelectric ceramic print heads, which guarantee high-resolution imaging quality while printing at a high speed.

Single Pass technology
brings revolutionary productivity

Using industrial-grade Single Pass technology to meet 7x24 hours of continuous production needs, to achieve cost-effective and immediate operations on demand.

Glory2504: printing speed up to 180m/min
Glory1604: printing speed up to 150m/min



Excellent Hardware Performance

Infinitely adjustable vacuum adsorption function, the height of the print head can be automatically adjusted according to the thickness of corrugated board, so that 99% with the different specifications of corrugated boards in the market can be exquisitely printed. Automatic warpage detection of board ensures the safety of the print head and improves the production yield.

Glory2504's printing width is up to 2.16 meters, realizing wide-format application of higher value.



Smart and convenient,
safe and environmentally friendly

No plate making is required, minimum order quantity is only 1 piece, self-service ordering is provided, quick order receiving, and seamless order changing. The linkage application solution can realize the integration of board printing, slotting, stacking and other processes. Application of environmentally friendly water-based ink, safe and pollution-free.



A variety of colors to meet
the needs of multi-color printing

C/M/Y/K 4-color printing, Glory1604 can be upgraded to 6-color (C/M/Y/K +2-color) printing according to customer needs.

Glory1604 has a maximum of 14 print heads per color.

Glory2504 has a maximum of 20 print heads per color.

Support variable data printing

More pattern selections, personalized packaging design, support variable barcode and QR code printing.

PRODUCT PARAMETERS

MODEL	PRINTHEAD CONFIGURATION	PRINTHEAD QUANTITY	COLOR MODE	THICKNESS RANGE	MAXIMUM MEDIA WIDTH
Glory1604	Industrial-grade Piezoceramic Printhead	56	CMYK (Each color is equipped with a maximum of 14 printheads)	1.5-11 mm	1510mm
Glory2504	Industrial-grade Piezoceramic Printhead	80	CMYK (Each color is equipped with a maximum of 20 printheads)	1.5-15 mm	2160mm
		SKETCH MODE	PRODUCTION MODE	HIGH-RESOLUTION MODE	
Glory1604	CAPACITY	600x400dpi 150m/min	600x600dpi 100m/min 600x900dpi 66m/min	600x1200dpi 50m/min	
Glory2504	CAPACITY	600x300dpi 180m/min	600x400dpi 150m/min 600x450dpi 133m/min	600x600dpi 100m/min	

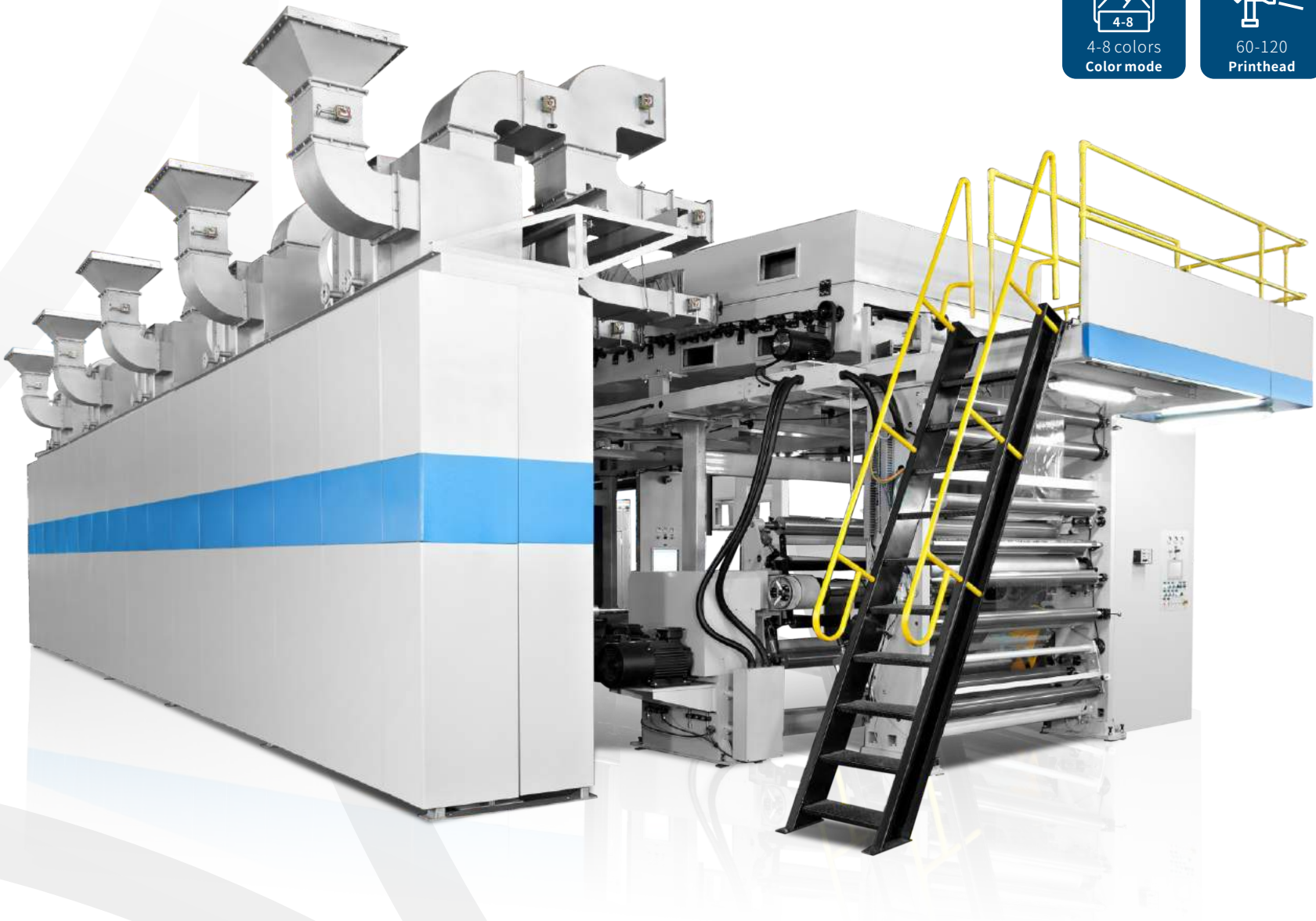
Glory 1800P


Glory Series · Preprint Equipment

Glory 1800P


Corrugated Roll to Roll Preprint Machine

Glory1800P is a jointly designed product that combines corrugated box pre-printing technology with Single Pass technology. The production line speed reaches 75 m/min, the cost is lower, and the delivery is faster,allowing customers to increase their order capacity and market competitiveness, enabling pre-printing to enter the era of Single Pass.







75 m/min
Productivity



1620mm
Max. Printing Width



4-8 colors
Color mode



60-120
Printhead

PRODUCT
ADVANTAGES



High capacity
bring you more profits

Corrugated pre-printing technology is integrated with Single Pass technology, and the production line speed reaches 75m/min. Sturdy industrial design and stable operation quality, which are suitable for 7x24 hours of continuous production.

Multi-level grayscale
printing to ensure color consistency

Industrial-grade piezoelectric ceramic print heads are used to ensure multi-level grayscale printing, stable and reliable printing quality. Optional 4-8 color mode, can be rich in layers, achieve bright and exquisite color printing. From proofing to final printing, ensure the color consistency of each operation.



Get higher intensity of
corrugated board

There is no need to imprint the board after it is formed, to avoid corrugated deformation and board intensity weakening.

Variable data printing

Realize variable data printing, such as bar codes and QR codes, to meet customer needs to the greatest extent.



Cost-effective on-demand
and immediate operations

No plate making is required and the minimum order quantity is only 1 piece. Fast delivery reduces process steps, time, and cost. Wide compatibility of printing media, can realize seamless order change for orders of the same size but different patterns.

Powerful order management functions, print jobs can be automatically stored and quickly retrieved, and intelligent software monitors board, production, and ink consumption in real time.



Safe and
environmentally friendly

Application of environmentally friendly water-based ink, safe and pollution-free.

PRODUCT PARAMETERS

MODEL	PRINthead CONFIGURATION	PRINthead QUANTITY	COLOR MODE	MAXIMUM PRINT WIDTH	MAXIMUM MEDIA WIDTH
Glory1800P	Industrial-grade Piezoceramic Printhead	60-120	4-8Colors	1820mm	1620mm
			SKETCH MODE	PRODUCTION MODE	HIGH-RESOLUTION MODE
Glory1800P	CAPACITY		75m/min	50m/min	35m/min

Revo 2500W/Revo 2500W Pro

Revo Series

Revo2500W

A Trump Card For The Packaging Printing Factories

- High-speed scanning printer
- One-time output of orders with the same specification to improve production efficiency
- High-quality production for the short delivery time

Revo 2500W with inline solution

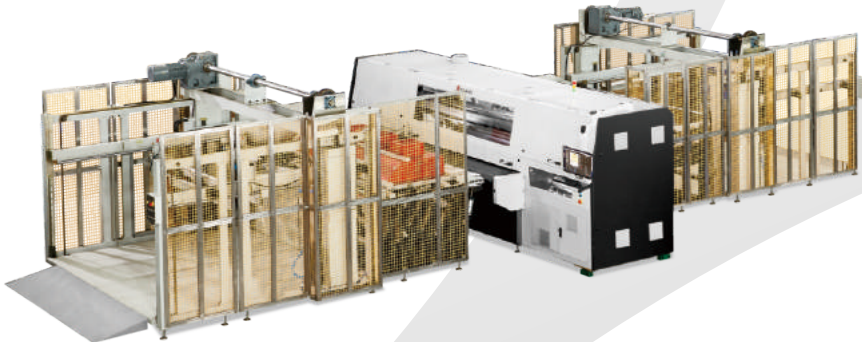
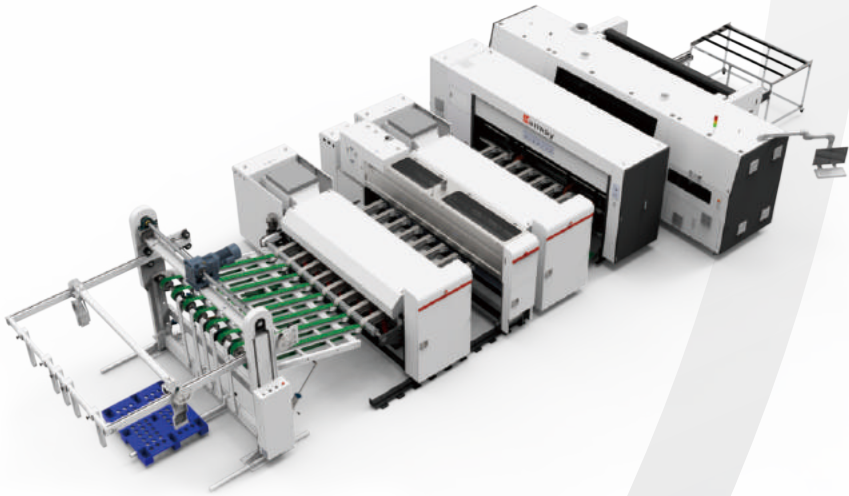
First Of Its Kind! All-in-one Inline Design With Different Solutions

- Combination of printing+slotting+varnish+drying+stacking
- Revo 2500W can be equipped with post-printing devices including slotting, drying or varnish
- Modularized and automatic production with high efficiency and labor saving

Revo 2500W Pro

First-of-its-kind Inline Design For Breakthrough In Board Printing

- Fully automatic top feeder module working with the production line
- Breakthrough in board printing for high-quality corrugated 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, operation and maintenance



PRODUCT ADVANTAGES

Higher efficient, more sophisticated

- High productivity up to 1400m²/hr for quick delivery.
- Innovative color mode (4/6 color mode) delivers high printing quality on the coated and uncoated corrugated board.
- Print on demand, easy handling of short-run orders and variable color data printing orders.

New design, great breakthrough

- All-in-one inline design with various solutions including slotting, drying and varnish.
- Upgraded to Revo2500W Pro for a breakthrough in paper (board) printing.
- Color card for digital corrugated board printing with one-stop digital color management.

Modularized, intelligent

- Hanway MES system bringing high production efficiency.
- Modularized design and simple structure bring easy installation and maintenance.
- A full set of solutions targeted at various market demands.

PRODUCT PARAMETERS

MODEL	PRINTHEAD CONFIGURATION	PRINTHEAD FEATURE	SUBSTRATE THICKNESS	SUBSTRATE WIDTH	MAX.MANUAL FEEDING LENGTH
Revo2500W	Industrial-grade Piezoceramic Printhead	Three rows 4/6 color mode	1.5-15mm	2500mm	4000mm
Revo2500W Pro		4 color mode: CMYK 6 color mode: CMYK+SPOT1 +SPOT2; OR, GR for option	0.3-15mm	2500mm	4000mm

CAPACITY	Revo2500W	Revo 2500W Pro
SKETCH MODE	1400m ² /hr	900m ² /hr
PRODUCTION MODE	1000m ² /hr	600m ² /hr
HIGH-RESOLUTION MODE	450m ² /hr	300m ² /hr

HighJet2500D

HighJet Series

HighJet2500D

A New Generation Of Multi-functional Digital Scanning Printer

More stable and efficient: max productivity up to 800m²/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

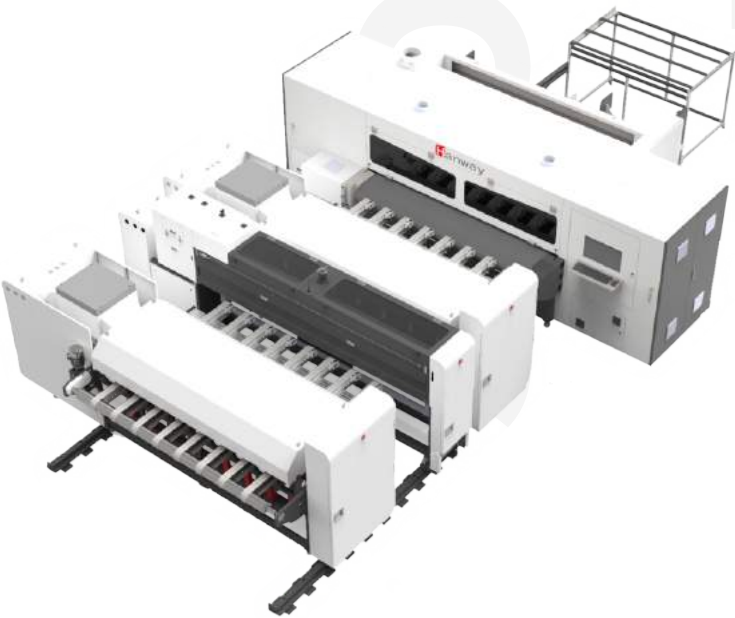


HighJet2500D with inline solution

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.



More Stable And Effective Production

Production capacity is up to 800m²/hr, 20% higher than that of previous version.

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 efficiency.

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, draining module and degassing module.

Modularized design with simple configuration, easy installation and maintenance.

PRODUCT PARAMETERS

MODEL	PRINTHEAD CONFIGURATION	PRINTHEAD FEATURE	SUBSTRATE THICKNESS	SUBSTRATE WIDTH	MAX.MANUAL FEEDING LENGTH	CAPACITY		
						SKETCH MODE	PRODUCTION MODE	HIGH-RESOLUTION MODE
HighJet2500D	Industrial-grade Piezoceramic Printhead	C/M/Y/K, 8 Print heads	1.5-15mm	2500mm	4000mm	800m²/hr	450m²/hr	270m²/hr



High precision belt delivery system

It can transport printing medium continuously and stably during printing.

The design of the automatic warpage detection

The design of the automatic warpage detection can effectively protect print head, ensuring the life span.

Adjustable platform suction

The suction intensity of the platform can be adjusted according to different media to ensure the flatness of the printing media.

Variable ink drop printing technology

Using the technology of variable ink drop printing, the size of ink drop can be accurately controlled.

Small drops for fine details.

Many drops for details in the mid tone.

Large drops for solid filtered areas.

Inline drying unit modular design

The inline drying unit is designed in modules, connected with the printing sections.

The sectional driving unit

Each color is printed with infrared drying. This sectional driving unit greatly improves coated boards printing quality.

The enclosed air filter system

The enclosed air filter system ensures the dust-free effect of the printing environment.

The optional inline varnishing

The optional inline varnishing enhances the image brightness, comparable to UV ink printing.

Automatic ink scraping system

The automatic ink scraping cleaning of the printhead surface ensures the stability of long-term printing, waste reducing, yield work efficiency.

Printhead anti scratch system

The anti-collision system is designed to protect print heads from damage especially under high-speed printing.

Printhead cleaning station

A complete printhead cleaning station can quickly clean the printhead and avoid clogging the printhead.

