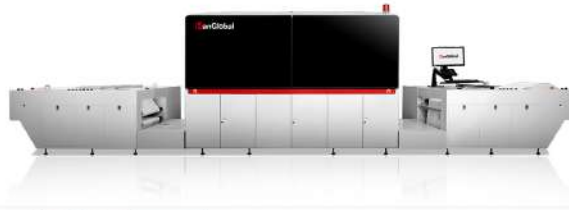


# Kirin660

## Black and white digital inkjet printing system



Equipped with leading international brands of correction devices, motors, solenoid valves, electronic components, etc. to ensure long-term stable production of the equipment.

### Comprehensive solutions

HanGlobal provides end-to-end comprehensive solutions for pre-processing, printing, cutting, ink and other processes.

### Fine configuration leads to stable quality

#### High quality

Equipped with industrial-grade piezoelectric ceramic nozzles and high-precision baseplate, HanGlobal Kirin achieves superb print quality with a high resolution of 600 x 1200 dpi.

The self-developed fast-drying ink that is highly compatible with the machine is selected, and the ink drops with a minimum of 5 picoliters are used for grayscale printing. This printer can beautifully print out photographs, which is highly appealing with clearly legible letters and numbers.

#### High stability

Integrated frame body, high processing accuracy and stable structure. Integrated inkjet control system, real-time monitoring of each component of the inkjet printing system.

Equipped with advanced tension control system, high control accuracy, small tension fluctuation, and paper path design for front and back printing without reversing mechanism to ensure the stable state of the paper and the precise position of image output.

### Integrated design for high productivity and low consumption

#### Speed and Width

The paper feed and inkjet systems are highly integrated to achieve the maximum printing speed of 100 m per minute (equivalent to 2424 A4 pages per minute) and a width of 648mm, which greatly increases the scope of application and meets the needs of customers in different business areas. The intelligent circuit control system is adopted to greatly reduce energy consumption and reduce cost of equipment.

#### Self-developed ink

The quick-drying ink is self-developed by Hanglory Group. Fast drying speed, low power consumption. The high stability makes it a good fit for various types of papers at a low and controllable cost.

### Industrial Grade Piezoelectric Nozzle With integrated inkjet control system

Hanglory Group has more than ten years of experience in the use and development of industrial-grade printheads and integrated inkjet control systems, which can perfectly present the best results of inkjet printing. At the same time, the Hanglory Group has formed long-term strategic partnerships with many mainstream printhead companies such as Kyocera, providing strong technical support for the continuous evolution of inkjet technology.



**Paper feeding platform:** Ensures smooth and efficient paper transportation;

**Digital printing system:** Guarantees the precision of text, graphics and images for optimum reproduction;

**Maintenance system:** Real time monitoring and maintenance of print heads to prevent blockage and damage.

**Infrared drying system:** Ensures fast drying and stable printing quality.

These interconnected systems are highly integrated and coordinated for extraordinary and intelligent solutions.

### Easy Operation and High User-friendly

#### Easy operation

All daily operations, such as input of paper specifications, order management or print settings, can be done on one control panel.

Up-and-down mobile printing module, equipped with automatic cleaning nozzle function, which reduces manual intervention and ink path failures, ensuring convenient and fast daily maintenance.

Independent ink supply station, one-key start lock shaft design, convenient and practical.

### Wide Range of Applications.

#### Print on Demand

Publications

Product manuals

Study materials and notes

Project portfolios

### Intelligent manufacturing, expanding applications

The brand new HanGlobal Kirin digital inkjet printing system combines the many years of digital inkjet experience of the Hanglory Group to create high-quality equipment and complete solutions to meet the printing needs of customers on a variety of papers.

### For large-scale publishing and printing customers

Compared with traditional printing, digital printing has the advantages of no plate-making, one-copy printing, ordering at any time and timely delivery, etc., which can solve problems such as publishers' inventory.

### For small-scale, personalized and customized users

Digital printing breaks the limitation of traditional printing with minimum order, better meets the needs of small-scale customized customers, and extends the boundaries of printing enterprise services.

# Kirin660

## Print functions

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Printing Method: Single-pass POD, piezoelectric inkjet  
Colour Capability: black  
Ink type: Water-based pigment ink  
Max. Resolution: 600 \* 1200 dpi  
Max. printing Speed: 100 mpm

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## Equipment Indicators

Size: 8150 \* 2050 \* 2060 mm  
Power Consumption: Main engine 35 KW, drying system 30 KW  
Power supply: AC380V/50Hz  
Dry method: Infrared dryer  
Air requirements: industrial air source 0.6 - 0.8 Mpa

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## Medium

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Media Types: Uncoated and inkjet treated. Other papers may be suitable, subject to testing  
Max. media size: 660 mm  
Media thickness: 45 - 165 gsm  
Max. material diameter: 1200 mm  
Max. printing width: 648 mm

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## Working Environment

Temperature: 24 - 28 °C  
Constant Humidity: 40% - 60% (RH)  
A separate, clean and low dust room with low radiation and good ventilation

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