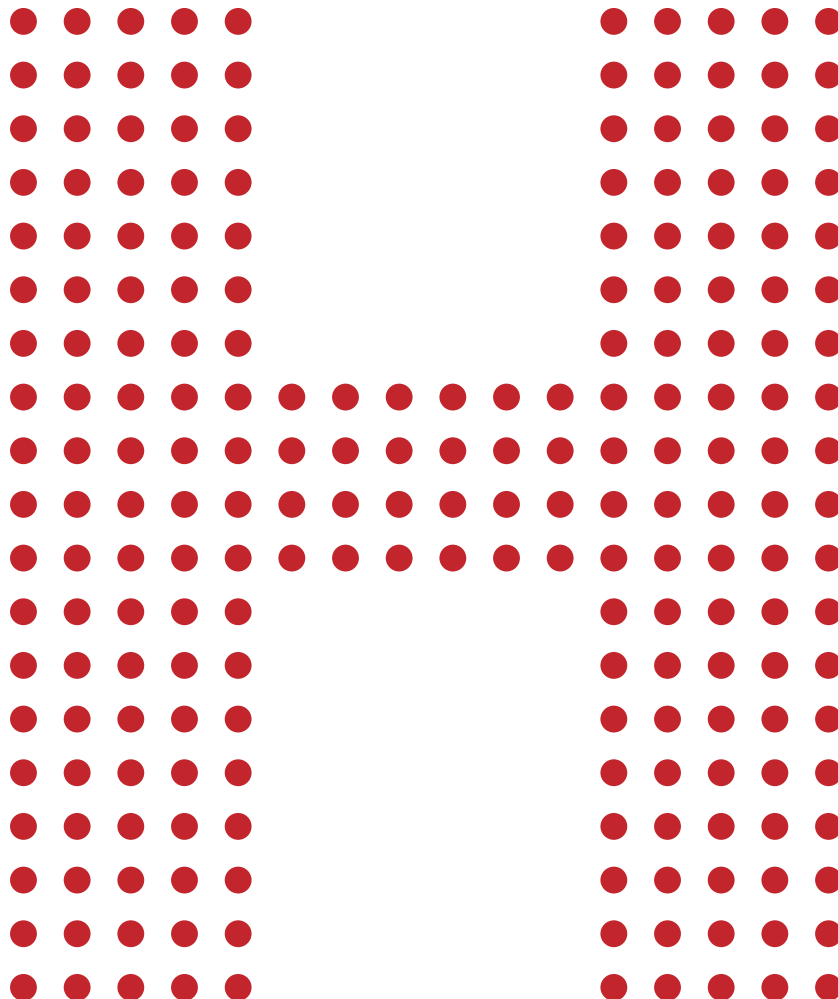


# DIGITAL INTELLIGENCE<sup>+</sup>



**INTEGRITY**

**DOWN-TO-EARTH**

**TEAMWORK**

**SHARING**

# FOREWORD

## Embrace Digitalization to a New Era

Digitalization is the indispensable nexus that interconnects individuals, organizations, and society, and serves as the bedrock for constructing a smarter and more sophisticated world.

**The imperative for industrial digital transformation is driven by the need to harness the latest technological revolution and industrial metamorphosis.** The global market for digital transformation is expected to skyrocket to \$1,302.9 billion by 2027, with an anticipated annual growth rate of 20.8% from 2021 to 2027. At HanGlory, we are wholeheartedly dedicated to enhancing the intelligent technology of our premium printing equipment with "Digital Intelligence". Our objective is to attain automation upgrades for multiple processes, establish ingenious manufacturing production lines, and cultivate an open and mutually beneficial cooperation ecosystem. We strive to provide continuous value for our cherished customers, empowering them in reshaping their commercial value, and support their journey towards digital transformation and unprecedented commercial success.

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# 01

## HanGlory Group

—  
Global Provider of Industrial  
Digital Printing Solutions



HanGlory Group



Shenzhen HanGlory Digital Printing Group Co., Ltd. is a leading global digital printing technology group with a unique position in the industrial digital printing field, owning complete independent intellectual property rights. Our dedication lies in developing the latest digital inkjet technology and its applications, empowering clients to reshape their business value and digitize their strategic layout.

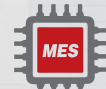
Collaborating with global customers and partners, we spread digital inkjet technology and high-end equipment applications to various industry scenarios worldwide. We provide end-to-end high-quality industrial digital printing solutions, including equipment, software, ink, consumables, and after-sales services, to UV printing, textile printing, garment printing, corrugated packaging, labels, books, precision PCBs, and other sectors. We continuously innovate to meet customer needs, drive forward-looking digital research, lead breakthroughs, and leverage a future-oriented digital engine to revamp enterprise competitiveness.



Independent printhead  
driving technology



Self-developed integrated  
control system



Self-developed intelligent  
MES system



Independent ink  
industrial chain



Global service  
system

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

# 02

## **Innovating**

**-**

**Beyond Digital Boundaries**



## Technical Support and R&D

HanGlory has been at the forefront of digital inkjet printing technology innovation. In recent years, we have made significant investments in our printhead driving technology research and development. This has resulted in the creation of a highly precise and high-performance inkjet driving control system, a massive real-time data software processing system for files and workflow, a highly precise paper movement control system, and an independent MES intelligent management system, color management system, and original industrial machinery automation design, among other breakthroughs. These investments have been the driving force behind HanGlory's continuous high-speed growth over the years.



Data updated regularly

## Strong Talent System

### R&D team

- Over 30% of the company's employees are engaged in R&D and technology.
- An independent R&D center develops and promotes the core digital printing technologies across multiple industries and the "smart brain" equipment.
- Most of the technology backbone members have senior experience in high-tech companies such as Huawei, ZTE, and Heidelberg. Some have received honors such as the National Leading Talent of Shenzhen, High-Level Talents of Shenzhen, Second Prize of National Science and Technology Progress Award, First Prize of China Communication Society Science and Technology Award, Second Prize of Shenzhen Science and Technology Progress, and the Innovative Award of Integrated Circuit Industry Alliance - Achievement Industrialization Award.

### Process engineer team

- The senior process engineer team at HanGlory has an average industry experience of more than 15 years.
- They are responsible for solving process problems throughout the entire industrial digital printing production process, quickly realizing user creativity, and providing customized solutions based on customers' real needs and real problems.



#### Management team

- • • The HanGlory management team members have international corporate management experience.
- • • Each product line has an independent overseas marketing team, which has long been rooted in the front line overseas.
- • • They attract and develop local talents in many countries and regions worldwide, giving strong impetus to HanGlory's "going out" strategy.

#### Service team

- • • HanGlory has established sales and technical service systems in more than 60 countries and regions worldwide.
- • • The remote online service network can efficiently respond to customer demands 7 \* 24 hours a day.
- • • They provide a full range of after-sales services, including equipment installation, training, upgrades, troubleshooting, and replacement of damaged parts.





## Openness, Cooperation and Win-win

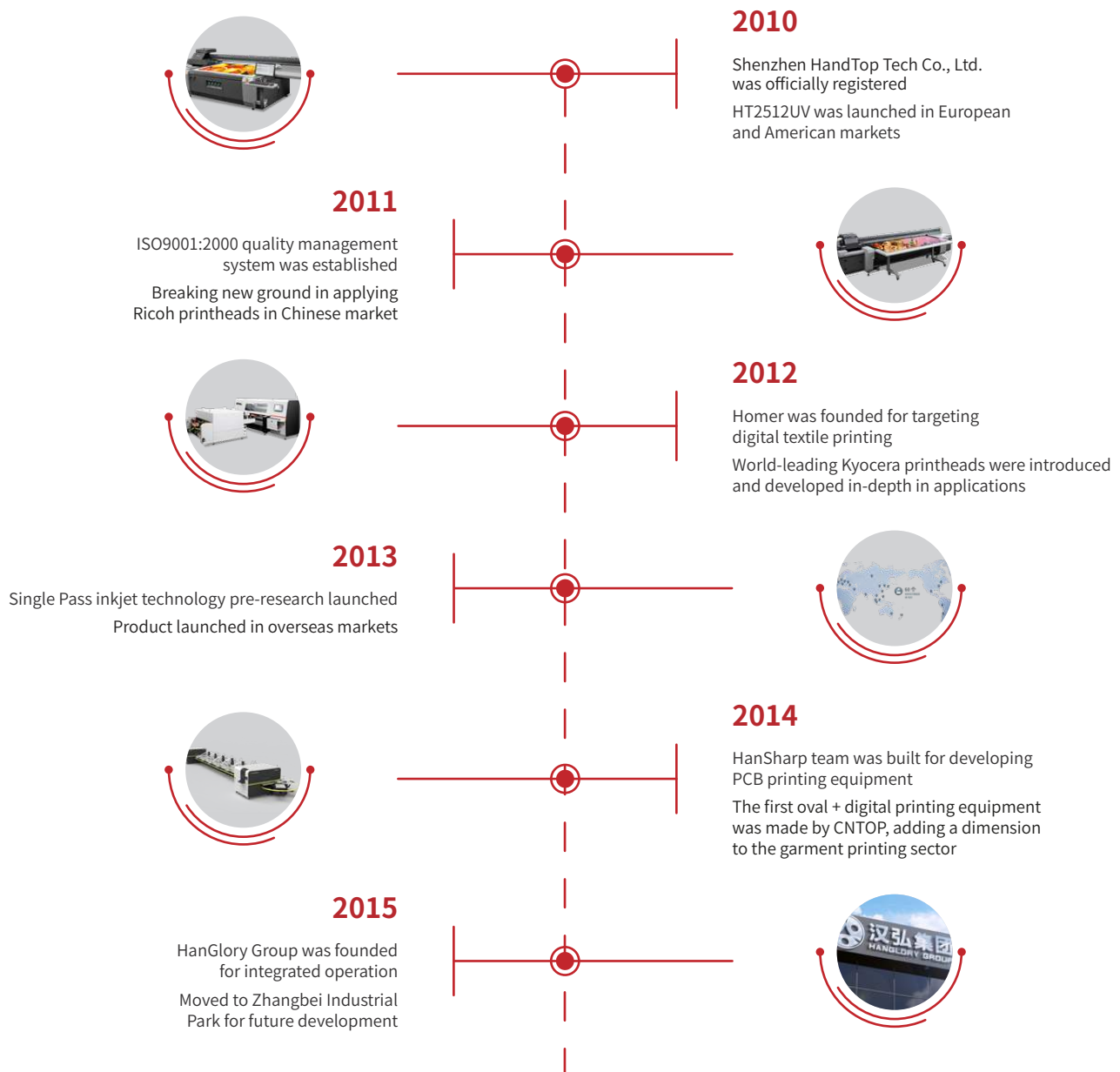
In today's world, digitization has become a transformative trend and strategic opportunity to improve the production value chain. At HanGlory Group, our mission is to leverage digital technology to enhance people's quality of life and create greater value for businesses and social organizations.

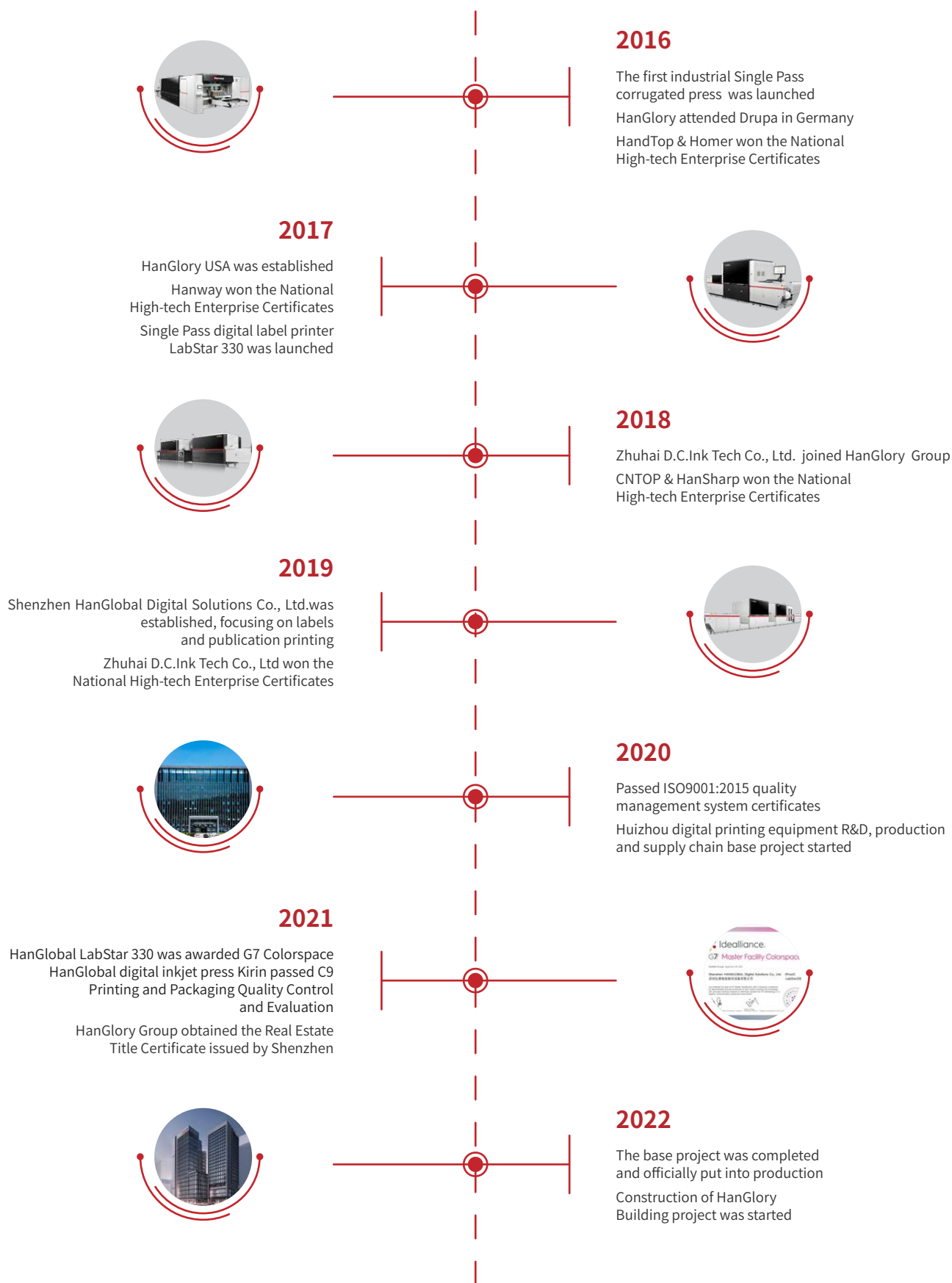
**Guided by our corporate culture of integrity, practicality, teamwork, and sharing,** we collaborate with industry and ecosystem partners across various fields to seek cooperation, win-win outcomes, and development through openness. By accelerating our international expansion and leveraging the diverse digital printing industry ecosystem, we will expand the infinite possibilities of print application scenarios, provide cutting-edge intelligent equipment and solutions for customers in the global digital printing industry, and help enterprises achieve both production value and business value.

# 03

## Journey of HanGlory Group

Embarking on a New Digital Journey, Crossing an Extraordinary Decade







# 04

## Diversified Digital Industry Ecology



UV



Textile



Garment



Packaging



Label



Publication



PCB



Software



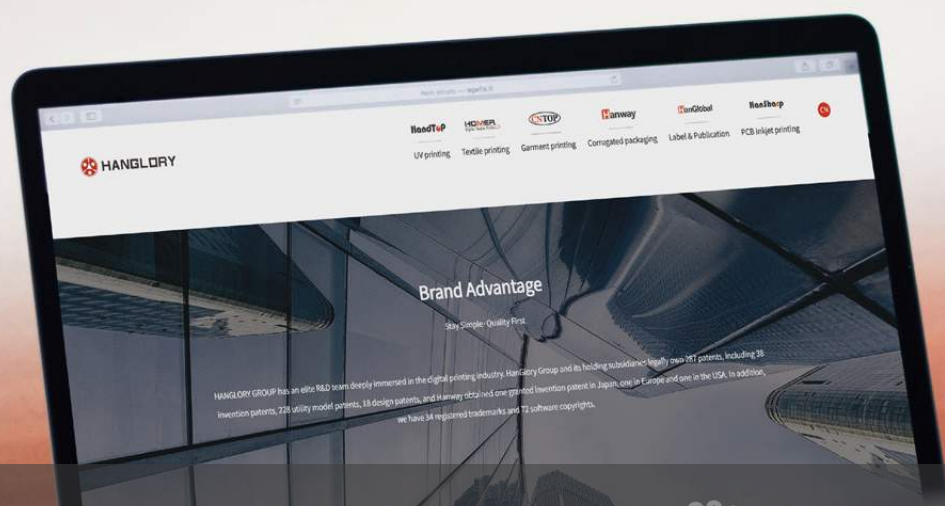
Ink



# Industrial Ecology

-

## HanGlory Group



### Process Transformation

- Streamline processes such as film saving, color adjustment, registration, and plate changing
- Reduce the reliance on skilled technical personnel
- Allow for last-minute order changes, prioritization, sorting, and cancellation
- Enable non-stop file loading without downtime
- Simplify and automate workflows

### Production Efficiency

- Real-time response
- Shorten delivery time
- Companies have greater flexibility
- JIT production (Just in time)
- Unique or sequential coding to improve work efficiency
- Ensure color consistency and stability

### Sustainability

- Less resource consumption
- Environmentally friendly with non-organic solvents
- Reduced dye and auxiliary waste and waste
- Ink that meets international environmental standards

### Cost-effectiveness

- Savings on the management of ink and printing plates, as well as facility costs
- Reduced comprehensive costs in production, time, and personnel
- No ink color matching or calibration issues
- Decreased inventory and equipment maintenance
- Wide material adaptability
- Reduced risk of errors

### Increase Business

- Endless design possibilities
- Personalization and customization
- Adaptability for multi-version printing
- Short runs and small orders become more competitive and profitable
- Expand into color printing/color box market and increase profit margins
- Innovations in seasonal marketing
- Brand protection and anti-counterfeiting traceability

# HandTop

-

## Leading, Integrating, Boundless The Leader in UV Digital Applications Curing is the Image, but also a Decade of Consistent Quality

### HandTop

Shenzhen HandTop Tech Co.,Ltd. is affiliated to Hanglory Group. Focusing on providing excellent UV printing equipment and complete UV printing application solutions for industrial manufacturing enterprises, we are now expanding the UV application from the advertising industry to the household construction materials, building materials, industrial manufacturing, personalized crafts, and other segments with more automated breakthrough technology. We aim to achieve full coverage of high-end UV printing applications and solutions, and our equipment is sold to high-end markets both domestically and abroad to help users fully enhance their commercial value.

### UV Flatbed Printer, UV Hybrid Printer, UV RTR Printer, High-speed Printer

#### UV Flatbed Printer Representative model: HT3113UV

- New generation industrial-grade home decoration Board UV Digital Printer



#### UV Hybrid Printer Representative model: HT3200UV

- Best choice for large format fast printing of coils and sheets

#### High-speed Printer Representative model: HTA2500 ROBO

- Fully automation lines
- The productivity is up to 312 m<sup>2</sup> /h; high automation brings faster orders



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HandTop

## Representative Client Interviews

"Ten years ago, we purchased the HT2512UV UV flatbed printer, and it still serves our furniture printing needs today. We are impressed by HanTop's stable quality."

—HandTop representative

"For the unique application in the South American market - the heavy material of tinsplate, HanTop's UV HTA2500 printer achieves stable digital inkjet printing. The matching fully automatic loading and unloading system makes the loading and unloading of metal plates more convenient, labor-saving, and efficient, which is particularly convenient for our production."

—HandTop representative

# Homer

-

## Connections, Wisdom, Transformation Navigating the Industrial Transformation of Digital Printing Millions of Fabrics That Make Life Instantly Vibrant

Homer

Shenzhen Homer Textile Tech Co.,Ltd. is a wholly-owned subsidiary of HanGlory Group and an excellent solution provider in the digital textile printing industry. The company gathers outstanding talents in the field of digital textile, and realizes independent research and development in the fields of driver board design, mechanical design, application software development and digital printing process. It has built three series of products, namely Direct to Fabric Printers, Dye Sublimation Printers and Single Pass. The business scope covers various digital.

**Direct to Fabric Printer, Dye Sublimation Printer, Single Pass Printer**

### Direct to Fabric Printer

Representative models: HM1800B K32 Pro  
HM2700B K32

- Industrial digital textile printing enters mass production era
- HM1800B K32 Pro Max. Production: 1247 m<sup>2</sup>/hr  
HM2700B K32 Max. Production: 1510 m<sup>2</sup>/hr

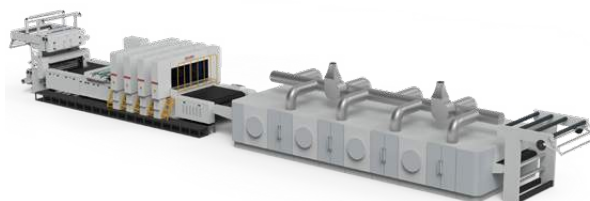


**Dye Sublimation Printer** Representative model: HM1800R Pro

- Designed for industrialized textile printing, supports the introduction of MES system to assist production management

**Single Pass Printer** Representative model: ROCKET

- Digital textile printing inaugurates an unprecedented new era
- Maximum production speed: 80 m/min  
Highest resolution: 2400 DPI





A photograph of two women standing on a balcony with a black metal railing. The woman on the left has blonde hair and is wearing a green and white floral dress and sunglasses. The woman on the right has dark hair, is wearing an orange and white floral dress, sunglasses, a pearl necklace, and large earrings. They are both smiling. The background features a white wall covered in green ivy and a wooden door.

## Representative Client Interviews

"We highly value the digital printing method for the textile industry, and have purchased 10 HOMER digital direct-to-textile printing presses. It saves labor and space, eliminates the complicated process and cost of making screens, and enables us to print patterns directly through software operation. Homier's high-end brand strength is the reason why we chose them."

—Homer representative

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"From the beginning of our establishment, we have always focused on digital printing. With 6 sets of HOMER Dye Sublimation Printers, we only need 2 workers to operate. This has brought us opportunities for continuous expansion of our digital textile business."

—Homer representative



# CNTOP

-

## Individuality, Intelligence, Interconnection Pioneer in the Overall Solution for Garment Printing Internet Customization to Create Personalized T-shirts

### CNTOP

Shenzhen CNTOP Digital Equipment Co.,Ltd. is a wholly-owned subsidiary of HanGlory Group. It is a leading manufacturer of garments / cutting pieces oval screen printing and digital printing equipment in China. It has formed three major product series, Automatic Oval Printing Machine, HYBRID--Automatic Oval+Digital Printer and Direct-to-garment PRINTER covering users' various levels of demand from commercial production to industrial production, and can provide customers with digital printing equipment, ink , consumables, software and after-sales support, including a complete set of solutions, with its leading technological advantages and high-quality products quickly establishing a market position.

**Oval Printing Printer, Hybrid-automatic Oval+Digital Printer, Direct-to-garment Printer**

### Screen Printing Solution

Representative models: Oval fully automatic elliptical printing printer

T5C  
T7E

- Suitable for large-scale garment factories and processing plants with orders of 2,000 pieces or more



### Hybrid Printing Solution

Representative models: Hybrid digital and screen printing printer

D10  
D16

- Suitable for small garment factories and processing plants with orders of 50-2,000 pieces
- The elliptical + digital printing mode is a leader in the industry, with proven success in the global market







## Representative Client Interviews

"It is great to hear that the excellent performance of CNTOP digital oval machines has helped you produce high-quality printed fabrics, which have gained a significant advantage in the Ningbo market. With high-quality products as the foundation, it is no surprise that two of the top domestic high-end brands have become your stable sources of orders."

——CNTOP representative



# Hanway

-

## Leading, Empowering, Enabling Driving Packaging Printing into the Era of Intelligence Assisting in Building "Cloud Printing" and "Flexible Factory"

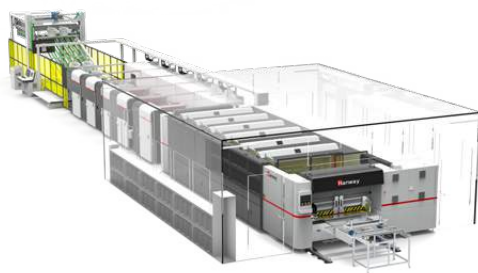
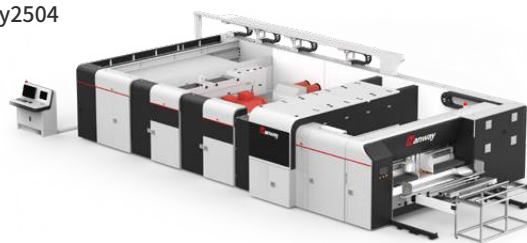
### Hanway

Shenzhen Hanway Industrial Digital Equipment Co.,Ltd. is a leading global digital packaging technology company, which is a member of the HanGlory Group. The company is dedicated to promoting cutting-edge digital inkjet technology in the corrugated, post-print, and printing packaging industries. Its technological background started with the Single Pass technology, which is synonymous with high speed. Today, the company has developed a full range of products from high-speed single-channel to multi-pass printing technology, providing advanced digital equipment and digital application solutions for the industrial upgrading of the packaging industry.

### Single Pass High-Speed Series, Multi-Pass Scanning Series

#### Single Pass High-speed Series Representative model: Glory2504

- Integrates high-speed and wide-format printing, with a production capacity of up to 17773 m<sup>2</sup> /h, integrating multiple processes such as printing, slotting, and cutting

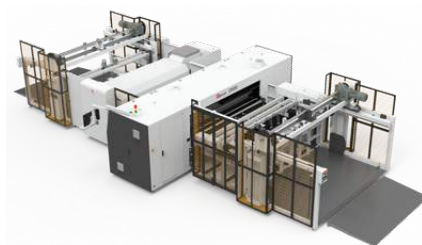


#### Single Pass High-speed Series Representative model: Glory1606

- Breakthrough super high-speed printing of 150 m/min, supports 6 colors, and meets high-definition packaging printing such as color boxes and paper displays

#### Multi-Pass Scanning Series Representative model: Revo2500W Pro

- The fully automatic feeder module is linked with the production line, innovating thin paper (cardboard) printing, with quality comparable to offset printing



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## Representative Client Interviews

"Besides quality service and price advantages, we hope to find new packaging value for our customers. Thanks to Hanway, their Single Pass digital printing equipment, technology, experience, and service have indeed made our products stand out among the mundane packaging."

—Hanway representative

"In the actual application of Hanway's equipment, first of all, it is capable of coating printing, which was not achievable with previous digital devices. Secondly, the performance of large full-page continuous output is also satisfying. For foreign trade customers who have the need for barcode printing, Hanway can also meet the requirement."

—Hanway representative



# HanGlobal

-

## Comprehensive, Flexible, Intelligent Exploring More Possibilities with Digital Inkjet Technology Creating New Digital Inkjet Formats for Labels and Publications

HanGlobal

Empower the label and book printing industry with cutting-edge technology and provide advanced and efficient solutions for short-run production, covering the entire end-to-end process from pre-press to printing, die-cutting, and combination printing solutions. Our comprehensive solutions cater to the diverse needs of various industries, including label printing, commercial printing, POD on-demand publishing, government document printing, industrial manual production, and educational materials.

### The Label Series, The Book Series

#### The Label Series Representative model: LabStar330S

- 6S advantages lead to the industrialization of flexible label production
- Maximum speed: 50 m/min



#### The Label Series Representative model: LabStar330S Hybrid

- In conjunction with Cold Foil, True Pantone, Combination printing
- All-inline converting combined with lamination, full/semi rotary die-cut, matrix to minimize the cost of production

#### The Book Series Representative model: Kirin660X

- Customized for commercial printing, POD on-demand printing, government printing, industrial manuals and other needs
- Print width: 350 - 584 mm, Maximum speed: 150 m/min, Maximum precision: 1200 \* 1200 DPI





## Representative Client Interviews

"The HanGlobal digital label printer not only shortens the delivery time of our company's orders, but also quickly handles missing orders, rush orders, and uncertain orders. So far, using HanGlobal equipment, the pass rate of products delivered to customers has exceeded 99%, which makes us full of expectations for the future of digital labels."

— HanGlobal representative

"By adding digital printing services, we have emerged as a leader in digital transformation, from hardware automation to process digitization, from efficiency integration to lean production management. The use of Kirin X 660 color book printing machine and Kirin X 660 black and white book printing machine from HanGlobal has greatly improved our production efficiency and has also provided strong support for our enterprise's digital transformation."

— HanGlobal representative



# HanSharp

-

## Exceed, Precision, Efficiency Breaking Through Precision Manufacturing Technology and Revolutionizing PCB Production Process with Digital Printing Technology

### HanSharp

Shenzhen HanSharp Precision Digital Printing Equipment Co., Ltd. , a member of the HanGlory Group, is a precision digital equipment manufacturer specializing in the PCB field. Its innovative smart digital inkjet system, based on Inline Stream Technology, seamlessly connects pre-production and post-production processes, effectively redefining the PCB digital printing process. In the highly demanding PCB industry, where legend printing is one of the most challenging aspects of inkjet printing due to extreme precision requirements and micro-text printing, the demand for ultimate automation is at an all-time high. HanSharp has successfully met these challenges and exceeded industry expectations with its exceptional products.

### Neutron Series , Quanta Series

#### Neutron Series Representative model: Neutron

- Throughput 7,000 panels/day, driving PCB digital inkjet printing into the mass production era with integrated printing, conveying, flipping, and storage



#### Quanta Series Representative Model: Quanta-400

- Innovative application of Ricoh printhead technology in PCB industry, enabling perfect output of small legends and fill areas simultaneously





## Representative Client Interviews

"The Neutron series online inkjet printer is fast in switching between models without wasting time, achieving seamless connection. Its design is very scientific, capable of printing multiple panels at once, achieving a stable printing speed of 6 panels per minute. With a monthly throughput up to 70,000 square meters, it has a significant competitive advantage in the industry."

——HanSharp representative



The image shows a vast industrial space, likely a factory or warehouse. The ceiling is high with a complex network of black steel beams and yellow overhead crane tracks. Large, multi-paned windows line the left wall, allowing natural light to fill the space. A yellow safety railing runs across the foreground. In the background, a person in a high-visibility vest stands near a doorway. The floor is a mix of patterned tiles and a dark wooden area in the foreground.

# HanGlory Continues to Work in a Variety of Fields

–  
Recognized by Global Customers  
and Industry Professionals

HanGlory Group

# 05

## Towards Industrial Digital Intelligence<sup>+</sup> Automation

### Fully Automated Intelligent Manufacturing Line to Reshape Flexibility, Efficiency and Overall

Intelligent manufacturing, industrial upgrading and efficiency improvement are the trends in industry development. HanGlory Group is accelerating the connection of front-end and back-end interfaces of digital equipment, promoting the automation and connection of multiple processes, and tailoring fully automated intelligent manufacturing production lines for complex production environments.

**The UV business** unit has developed a brand new automatic loading and unloading solution for the industry, promoting the automation and intelligence of the production process, replacing manpower with machines, upgrading efficiency, and truly saving labor costs, in line with industry trends. **The textile business** unit has achieved bi-directional interaction between digital printers and oval machines or other terminals, further releasing the capacity of digital printing. **The packaging business** unit comprehensively promotes the linkage of digital printing and packaging production lines, realizing flexible combinations of spraying and printing with slotting, die-cutting, pre-coating, UV coating, drying, and stacking, and achieving large-scale automated production. **The label business** unit combines flexo printing and die-cutting units before and after the digital label printer, bringing a brand new multifunctional digital inkjet production line for the industry. **The publication business** unit continues to provide end-to-end solutions from prepress processing, printing, cutting to ink, and **the PCB business** unit has innovatively applied online flow-through inkjet technology in the industry, creating a digital inkjet smart body that connects the production process before and after and witnessing a brand new production efficiency.

### MES System to Drive Automated Production

Assist customers to achieve better resource planning for people, machines and materials:

- Quick implementation of equipment interconnection
- Accelerate multi-departmental collaborative response
- Improve manufacturing efficiency and quality
- Simplify tedious production processes
- Reduce waste and inventory
- Enhanced competitiveness in order delivery

Nowadays, HanGlory Intelligent MES Production Management System is fully deployed in customer sample factories in various industries, such as corrugated packaging, garment intelligent manufacturing, label/printing, and precision manufacturing, radiating a diverse digital printing industry ecosystem. It seamlessly interfaces with customers' ERP systems and can be flexibly configured based on actual operation of the factory, truly achieving data-driven manufacturing.



## Creating Industry Standard Color Management Software for Digital Printing

PANTONE is widely used in color management, it is developed for traditional ink offset printing and specific materials, and is not suitable for digital printing production. To address this issue, Hanway has collaborated with PANTONE's parent company, X-Rite, to develop color matching for digital printing color on corrugated cardboard, achieving digital color standardization, precise color management, and seamless integration with the design end, creating more possibilities for digital printing.

## Supports Fast Access to Smart Factories

HanGlory fully considers the different scenarios that IoT may meet in the future, by reserving communication ports, it can integrate with customer ERP system and IoT devices, realize synchronous handshake between digital devices and external devices, and really help customers' digital transformation and the construction of smart factory.



# 06

## Comprehensive Inks and Application Solutions

### Core Advantages

- A complete set of digital inkjet inks that bring high-quality performance with rich and accurate colors.
- Ink application solutions for different materials and scenarios, providing different ink solutions to match specific requirements.
- Higher compatibility with commonly used industrial printheads in the market, improving printing quality and stability.
- Suitable for Single Pass high-speed printing (up to 150m/min), demonstrating high efficiency and high returns.
- Customized ink solutions to meet different business needs, including tailor-made ink colors and integrated design solutions.
- A complete ink matching and testing system to ensure the best match between ink and industrial printhead.
- Environmentally friendly printing, certified by third-party certifications such as Reach, RoHs, Green Leaf, Ocket ECO, etc.

### Digital Textile Inks and Solutions   Packaging Digital Inks and Solutions   Industrial UV Digital Inks and Solutions

- Active Inks
- Acidic Inks
- Pigment Inks
- Heat Transfer Inks

# 07

## **HanGlory**

—

**Globalization Exhibition  
and Event**





## CCE INTERNATIONAL 2023

24 - 26 MAY, 2023

MUNICH, GERMANY

## LABELLEXPO SOUTHEAST ASIA 2023

9 - 11 FEBRUARY, 2023

BANGKOK, THAILAND



## LABELLEXPO AMERICAS 2022

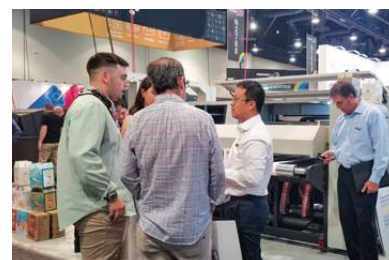
13 - 15 SEPTEMBER, 2022

CHICAGO, UNITED STATES

## PRINTING UNITED EXPO 2022

19 - 21 OCTOBER, 2022

LAS VEGAS, UNITED STATES





## FESPA GLOBAL PRINT EXPO 2022

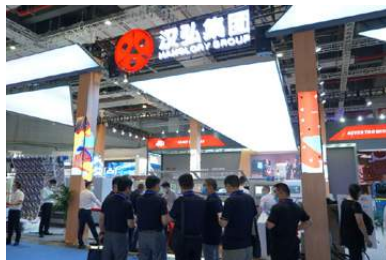
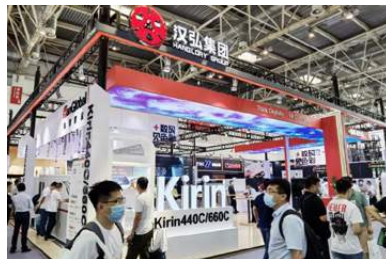
31 MAY - 3 JUNE, 2022

BERLIN, GERMANY

## CHINA PRINT 2021

23 - 25 JUNE, 2021

BEIJING, CHINA



## ITMA ASIA + CITME 2020

12 - 16 JUNE, 2021

SHANGHAI, CHINA



## FESPA GLOBAL PRINT EXPO 2023



## HKPCA SHOW 2023



## SUPERCORREXPO 2024



## DRUPA 2024



**CREATE  
VALUE  
FOR  
CUSTOMERS**



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