Technical Parameters
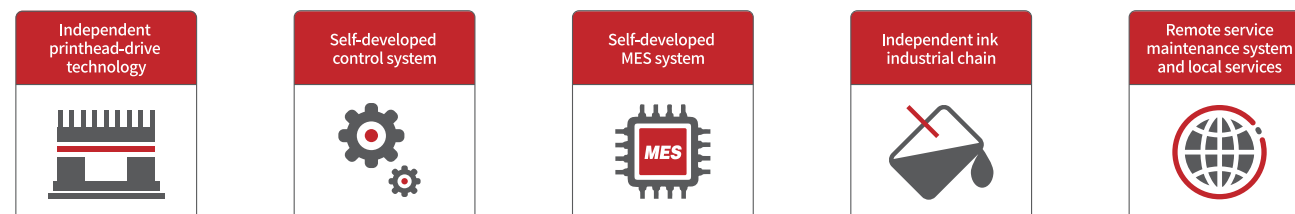
Print Functions

Model	LabStar 330S
Printhead Resolution	600 DPI

Ink

Ink Type	UV Ink
Color Configuration	Standard Model with White + CMYK (Optional Double White), Optional 2 Spot Colors/Spot Varnishes

Substrate

Type	PET/PVC/PP/PE/BOPP and Other Mono Film Materials, Syntheticpaper, Coated Paper, Aluminum Foil and Other Special Materials
Material Width	75 - 350 mm
Roll Diameter	800 mm
Unwinder/Rewinder Core	3 " (Air Shaft)
Thickness	0.02 - 0.5 mm
Feeding	Roll to Roll
Roll Change	Automatic Lifting by Dual-spindle

Environment & Physical

Dimensions	4200 * 1600 * 2130 mm (L * W * H)
Net Weight	3400 KG
Power	34 kW/AC380 V
Air Requirement	Industrial Compressed Air Source 0.6 - 0.8 Mpa
Temperature	18 - 25 °C
Humidity	40 - 65% (RH)
Input Format	TIFF, PDF, etc.
UV Curing	LED+UV Curing System (Modular Curing Design)
Data Transmission	High-speed PCIE Transmission
Additional Functions	Web Guide. Tension Control, Corona Treatment, Web Cleaner Electrostatic Removal, Modular Curing Modules, Web Break Sensor, Automatic Diametel Detection, Automatic Thickness Detection, Automatic Ink Consumption Detection, Fully Servo Control System

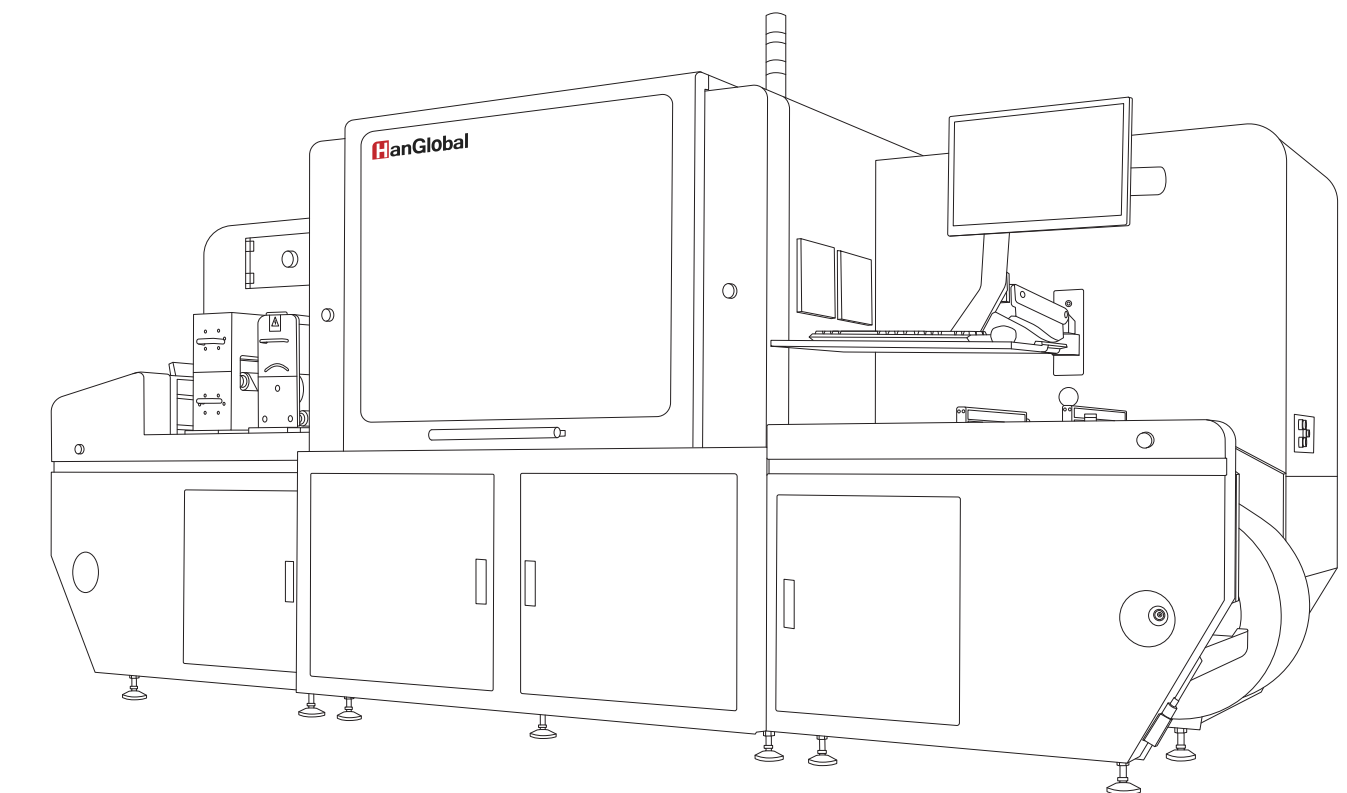## Industrial Digital Printing Solution Provider

Independent printhead-drive technology	Self-developed control system	Self-developed MES system	Independent ink industrial chain	Remote service maintenance system and local services

V1.0/2023

HANGLORY | HanGlobal

LabStar330S

NEW DEFINITION OF HIGH-SPEED DIGITAL PRESS STANDALONE SERIES

HANGLORY | HanGlobal

Creating a Color Label Printing Paradigm with the 7S Core Strengths
Meeting the Demands for Label Personalization, Super Short Runs, Fast Delivery, Flexible Production, and Variable Data Printing

Maximum Printing Speed: 50 m/min	Color: 7-color

7S Core Strengths & 7-Color New Upgrade

SUPER

- Maximum Printing Speed of 50m/min, Multiple Modes Available.
- Brand new 7-color mode with increase of color gamut up to 90%.

Standard model
White + CMYK
(Optional double white mode available)

Optional 2 sets of colors
CMYK + 2 spot colors
(choose 2 from O, V, G spot colors)

Optional additional color unit for G/V or spot varnish, drip off varnish effect, and other special effects.

Integration of cold foiling lamination module to create a digital foiling into one production line.

SMART

- Intelligent standby mode allows for instant production, No need to wait for heating up.
- Order management system allows file loading without stopping the machine, providing flexibility for adding, inserting, deleting, or reprinting orders.
- Intelligent operating system offers user-friendly and hassle-free operation, making it easy for one person to operate multiple machines effortlessly.

STANDARD

- European industrial standard design, with dual-wall panel though out the press, to ensuring stable tension and consistent registration for any job runs and reprints.
- Ultra-short rainbow bridge design for exceptional registration accuracy. Servo-based unwinding and rewinding system ensures stable tension control, while the one-button lift system facilitates easy roll change.
- Super cooling systems (for printheads, UV chill rollers), supporting sensitive materials such as thermal paper, heat shrink film, and mon-film substrates.

SAVE

- Super Save system enables intelligent retrace and continuous printing form the last job to the next job, to reducing waste during job changeovers.
- Compact design with integrated and modular mechanical structure, requiring less floor space.
- Re-registration function reduces material and time waste during registration adjustments.
- Precise ink calculation software minimizes ink consumption, allowing for precise cost control and reducing ink waste.

SAFE

- Curl detection, to avoid stretching of the printhead, automatic clearing system avoid stopping of the press.
- Material thickness detection and web break detector to prevent interruptions and danger of scratching printheads.
- Power failure protection system ensures that sudden power outages do not result in ink leakage.
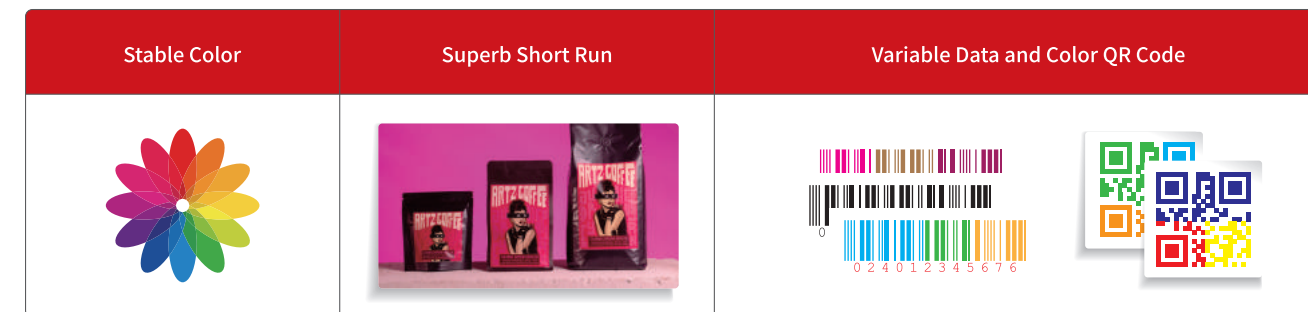
STABLE

- Precise micro-level integration of printheads ensures the overall color consistence over the web.
- With over a decade of industrial inkjet printing production experience, HanGlobal has mastered core technologies such as printheads, driver, software/hardware processing, ensuring stable and reliable performance.

SIMPLE

- Infinite print length allows for seamless pattern printing without any seam, and over 90% of label materials can be printed without primer.
- Automatic printhead maintenance function enables easy maintenance with minimal cost.

Over 10 years experience in inkjet industry brings you high efficiency and profits

Stable Color	Superb Short Run	Variable Data and Color QR Code

Rich applications

General Labels
Beverages, food and medicine, chemical solvent, electronic appliance, transport tickets.

Packaging
Daily supplies, monofilms (PE/PP/PET/PVC), wrap around labels.

Others
Jewelry tag, garment tag, variable anti-counterfeiting, folding cartons.

CGS Color Management Features (Optional)

- Color rebalancing optimization that saves an average of over 10% ink consumption
- Built-in Pantone color library for more accurate spot color matching
- Unique honeycomb-style spot color swatch chart for faster spot color matching
- Faster drying speed while ensuring image quality
- International standard color management output compliant with G7, Forgra, ISO12647 certification standards
- Color matching for various printing methods