

# DY 8600 Series

## Continuous Inkjet Printer

For stability and reliability, start a new era in inkjet coding.

The DY8600 Series combines a compact, sleek design with seamless integration into tight production spaces. Its advanced droplet control technology guarantees sharp, legible prints even in challenging environments – resisting moisture, oil, and grime for long-lasting clarity.

Rock-solid design, fearless in the face of harsh environments



Avoid production stoppages



Thermostatic printhead– stable jetting at -30°C

Smart sleep/shutdown



No need to clean the nozzle for one month of continuous work

50% reduction in operating costs



Dual viscosity control of flight time/viscometer

90% less manual intervention required



Can start printing normally after long-term shutdown

### Intelligent sleep shutdown

The inkjet printer automatically cleans the nozzles and pipelines at regular intervals to avoid nozzle blockages and other malfunctions caused by long term non - use

### Achieve both cost – effectiveness and high performance

Equipped with an economical long - lasting filtration system, it significantly reduces the cost of consumable replacement, completely eliminating the burden of traditional high - price ink cartridges. The device is designed with the user in mind, featuring extremely simple operation and convenient maintenance. It combines low up-front investment with long - term high cost - effectiveness, easily meeting the needs of multiple industries for efficient and precise marking.

### Excellent stability

The automatic calibration function automatically adjusts according to the changes in the actual working environment, reducing manual intervention.

The automatic nozzle cleaning function ensures that the device can still print normally even after being shut down. The whole machine is designed with an IP65 rating and supports functions such as serial port, network port, one - key reset of the counter, and information control

### Super easy to use

The concise operating system has lower requirements for operators, enabling them to get started quickly. The plug-and-play ink/solvent system helps prevent errors. The excellent ink path design helps save usage costs.

The integrated design simplifies spare parts replacement and allows for a quick recovery from machine downtime.

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Model	DY 8500	DY 8500S	DY 8500W
Nozzle size	40μm, 50μm, 60μm, 70μm		
Font dot matrix	5, 7, 9, 12, 16, 24 dots	5, 7, 9, 12, 16, 24, 32, 34 dots	
Max printing lines	4 lines	6 lines	
Font height	1.5–15 mm	1.5–20 mm	
Ink mixer	No		Yes
Viscosity detection	Time-of-flight viscosity test & physical viscometer test		
Printing speed	Up to 300 m/min		
1D code	UPCA&E; EAN 8&13; Code 128A, B&C; UCC/EAN 128; Code 39; 125 code; GS		
2D code	DM; QR; error correction mode L, M, Q, or H		
Information storage	1000 items		
Language	Chinese, English, Thai, more languages are coming		
User interface	8-inch high-sensitivity TFT LCD touch screen, WYSIWYG touch screen, convenient for editing information		
Input/output interface	Encoder, sensor, alarm light, USB, network port, RS-232		
Protection level/weight	IP65, 22KG		
Head size	Length 258mm, diameter 42mm		
Hose length	3 meters		
Host size	325*300*503mm		
Solvent consumption	Minimum to 8.8 ml/hour (specific temperature)		
Operating temperature / relative humidity	-20~50°C/ <90RH, no condensation		
Electrical requirements	Single-phase 100-240VAC, 50/60Hz		

