

DY 8500 Series

Continuous Inkjet Series

With the goal of stability and reliability, a new milestone in inkjet printing

DY 8500 series, with its compact and exquisite body design, can easily integrate into various compact production environments. The advanced ink drop control technology used ensures that every print is clear and legible, regardless of harsh environments such as moisture and oil, and maintains the clarity and readability of the logo for a long time.



More stable operation



Constant temperature nozzle, can stably print at minus 30°C

Prevent production stoppage



Solvents are saved up to 85 hours/bottle, and the amount of solvent used can be adjusted

Intelligent shutdown and power off



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

Reduced the cost of use by 50%



Dual viscosity control of flight time/viscometer

Reduce 90% of manual operations



Can start printing normally after long-term shutdown

Convenient intelligent shutdown

- 1-15 days intelligent short-term shutdown
- Long-time shutdown for more than 15 days
- At certain intervals, the inkjet printer automatically cleans the nozzle and pipeline, without manual shutdown and cleaning

Excellent stability

- The automatic calibration function automatically adjusts the printing parameters according to the changes in the actual working environment without human intervention.
- The automatic cleaning function of the nozzle ensures that the equipment can be used continuously and normally without manual cleaning. It can still print normally after being shut down for a long time. The port adopts IP65 grade design and supports serial port, network port, counter one-key reset and information control functions.

Excellent printing quality

- The integrated ink path control system meets the requirements of accurate font printing at various working environment speeds.
- Advanced nozzle technology ensures the printing of different high-quality codes on a variety of materials.

Super easy to use

- The simple operating system has lower requirements for operators, fast on-the-job training, and shortened training time. The plug-and-play ink/solvent delivery system is simple, convenient, and efficient in using ink/solvent.
- The integrated design simplifies spare parts replacement and quickly recovers from downtime.



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Model	DY 8500	DY 8500S	DY 8500W
Nozzle size	50μm, 60μm, 70μm		
Font dot matrix	5, 7, 9, 12, 16, 24dots	5, 7, 9, 12, 16, 24, 32, 34dots	
Max printing lines	4 lines	6 lines	
Font height	1.5-15mm	1.5-20mm	
Ink mixer	No		Yes
Viscosity detection	Time-of-flight viscosity test & physical viscometer test		
Printing speed	Up to 380 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, Spanish, 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		

