Continuous Inkjet Printer

V2000 Series

About Product

The V2000 series continuous inkjet printer has a highly modular design (including printing module, ink core module, valve module, etc.), which is particularly suitable for efficient printing of micro characters and is widely used in food, chemical, pharmaceutical and other industries. Its excellent printing quality and continuous stability enable it to work trouble-free in a long-term, high-load production environment, meeting various inkjet printing needs.

Dynamic phase adjustment mechanism

- realize closed-loop control of the inkjet process and improve the stability of inkjet.

Optimize user experience

- large-size color touch screen interface, simple and intuitive operation, support print preview function, effectively reduce inkjet errors and improve operating efficiency.

Reduce consumables use:

- innovative solvent low consumption system, by optimizing ink circuit design, reduce consumables volatilization, and reduce operating costs in industrial applications.
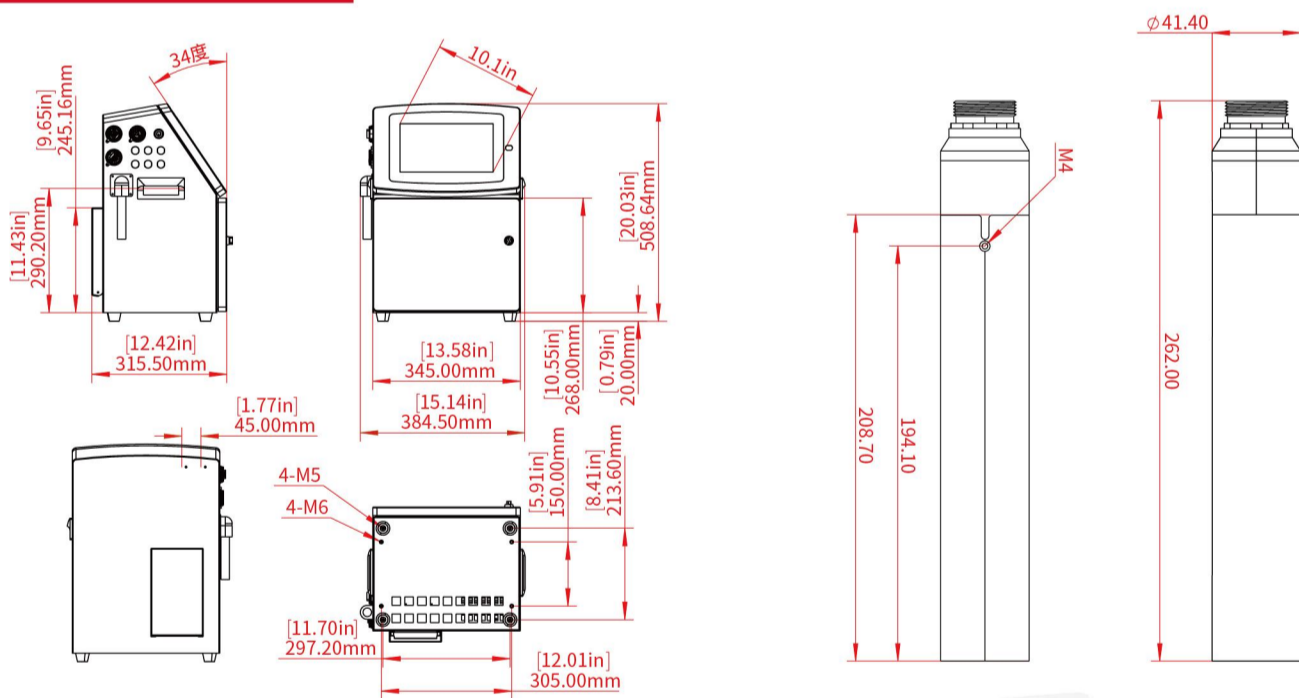
Enhanced sealing design

- adopt electronic warehouse fully sealed technology, provide excellent waterproof and dustproof capabilities, ensure that the equipment can still operate stably in harsh production environments.

Wide environmental adaptability

- full shell protection design ensures that the equipment can still work reliably in dusty, humid or high water vapor environments, and is truly suitable for the harsh environment of industrial manufacturing.

Environmentally friendly

- support environmentally friendly inks and solvents, reduce the impact on the environment, meet green production standards, and help enterprises achieve sustainable development.

Precise timing control

- Adopting high-precision timing control system and equipped with high-speed microprocessor, it ensures high accuracy of ink droplet generation, charging and printing process, thus achieving stability and efficiency of inkjet printing.

Machine specifications

Printing Parameters

Printhead duct	3m
Nozzle specifications	60u
Printing distance	2-16mm
Printing height	3-30mm
Printing lines	1-5 lines
Max. printing speed	390m/min(5 dots in 1 line, 0.5 dot spacing)
Counter	Up to 24 counters
Ink type	High adhesion,high temperature resistance, food grade, oil resistance, dye ink
Printing materials	Carton, plastic, cable, metal, boarding, pipe, stone, glass, electronic components, auto parts, industrial chemical packaging, medical/food/gift box
Print content	Text, time, date, logo, shift, SN, dynamic barcode/QR code,dynamic serial data, dynamic database (additional content can be added as required) Barcode types: CODE11, C25INTER, CODE39, EXCODE39, EAN13, EAN13x, CODE128, CODE16K, CODE49, CODE93, Flattermarken, UPCA, UPCE, EAN14, VIN, NVE18, ITF-14 QR code types: QRcode, DataMatrix, MicroQRcode, PDF417, PDF-417TRUNC, MICROPDF417 (More types available on request)

Machine Parameters

Operation system	Embedded Linux security operating system
Display screen	10.1-inch capacitive touch display; resolution: 1280x800
External interface	Photocell, encoder, alarm light, information control
Protection level	IP65
Power parameters	Input 100~240V AC
Material	SUS 304 stainless steel
Rated power	100W
Memory	256M
Certificates	CE、RoHS
Working environment	Temperature 0~45°C/Humidity 30~70%Rh
New weight	18kg
Specification	Casing specification: 384.50mm*315.50mm*508.64mm Printhead specification: φ41.40mm*262.00mm
Communication interface	USB, RS232, network port, connected to enterprise MES management system (various external device protocols can be added)
Languages	Support more than 40 languages (Chinese, English, Arabic, Danish, German, Russian, French, Finnish, Korean, Japanese, Spanish, Italian,etc)

TEL：**+86 139 2896 7650**
Fax：**(+86)20-81631033**
Add：**Building 2, NO. 27, Hejing Road, Liwan District, Guangzhou, China**

E-mail: **sales@docod.com.cn**
Web: **www.docod-group.com**

DOCOD WEB SITE