BiiSTON

Hitech Marwah Indonesia
coding marking - automation
and packaging machinery

"Reliable Performance for Consistent Quality"

C-6700
Continuous Inkjet Printer (CIJ)

Printer Features:

The C-6700 Continuous Inkjet Printer, with an IP55 protection level, operates stably in harsh environments such as dust and humidity, ensuring high-quality printing. The print head features an ink line observation lens, allowing the stroboscopic effect to monitor the ink line as it passes through the charging tank. The printer is housed in a 304 stainless steel outer box, making it sturdy, corrosion-resistant, and oxidation-resistant.

The detachable nozzle design allows for easy maintenance and the flexibility to change nozzle sizes as needed. You can connect to the factory air source or use an internal air pump to provide positive pressure air to the nozzle, preventing external pollutants from entering and ensuring the safety of the ink droplet charging process and the cleanliness of ink recovery. The internal air pump uses the machine's air to ensure a clean air source.

Ink Supply Characteristics:

The real-time monitoring system of the C6700 Continuous Inkjet Printer tracks solvent and ink volumes, reminding users of the remaining amounts for convenient production planning. The ink viscosity management system automatically adds diluent based on parameter settings and actual usage, maintaining optimal viscosity for the best printing quality. The ink temperature monitoring system adjusts the ink temperature according to ambient conditions and parameter settings, ensuring consistent print quality.

The ink automatic emptying function allows for one-key operation to empty the pipeline ink, facilitating maintenance and part replacement. One-key restart can clear pipeline air and refill with ink, making it easy to restart the machine. The automatic nozzle cleaning function prevents blockages after extended shutdowns and supports rapid machine start-up.

Technical Specification:

Printing Parameters	Print Head Duct	3m/6m
	Nozzle Specifications	40u, 50u, 60u, 75u
	Printing Height	2~20mm
	Printing Distance	3~30mm
	Printing Lines	1-5 lines
	Printing Speed	411m/min
	Counter	More than 20 independent counters
	Ink Color	Black, Red, Blue, Green, White, Invisible
	Ink Type	High adhesion, Migration resistance, High temperature resistance, Special for glass, Permeability, Food grade, Oil resistance
	Font	5×6L 7×6L 7×10L 9×8L 9×11L 11×11L 12×12L 16×16L 24×24L 32×32L 11×11B 12×12B 16×16B 24×24B 32×32B
	Printing Material	Carton, Plastic, Metal, Sheet, Pipe, Stone, Cable, 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)

Machine Parameters	Operating System	Embedded Linux security operating system
	Display Screen	10.1-inch color display, industrial touch screen
	Communication Interface	Network interface, USB, RS232
	Protection Level	IP55
	Power Input	100-240V AC
	Rated power	150W
	Battery	256M
	Machine Material	304 stainless steel
	Machine Specifications	400mm*250mm*550mm(Length*width*height)
	Working Environment	Temperature 0-45°C/ Humidity 30-70%Rh
	Related Certification	RoHS, CE, FCC
	Net Weight	22kg
	Main Hardware	American TI AM3358 industrial grade CPU, American Xilinx Spartan7 industrial grade FPGA
	External Interface	Optical eye, Encoder, Reverse and upside down control, Signal light alarm output, Serial number output control, External printing information selection
	Support Language	Support more than 40 national languages (Chinese, English, Arabic, Danish, German, Russian, French, Finnish, Korean, Japanese, Spanish, Italian, etc.)

*The specification is subject to change without prior notice

- **Easy operation with 10.1"large screen**
- **One-key start and stop precise control**
- **Independent module maintenance is simple**
- **Automatic cleaning to prevent clogging**

Application:

Metal Can   **Medicine**   **Wood**   **Plastic Packaging**   **Plastic PET**