![SunJet logo]

Vector
CIJ-V48i

Industrial Printer

Introduction:

Vector continuous Ink Jet printers is a multipurpose Ink Jet printer used widely in all industry segment. It works on a principle where continuous flow of electrically charged liquid ink droplets passes by a very high-pressure pump from a gun body & microscopic print nozzle which has piezoelectric oscillator and discharge hole. The ink particles that discharge from the nozzle pass between two deflecting electrodes where an electrical field is generated by a voltage of around 7000 V. CIJ printers work on the basis of non-contact method with ease on any surface which are curved, flat & textured without damaging or blurring its targets. CIJ printer serves as a go-to digital solution for marking and coding for all industry segments.

Application

Targets: Vector Continuous Ink Jet printers can print on wide variety of targets such as Plastics, metals, glasses, paper, cardboard, laminated pouches, shipper boxes, foods packages, cables & wires, Pipes & Tubes, etc.

Industries

Automobile, Beverages, Cosmetics, Electronic Components, FMCG products, Pharmaceuticals, Building Materials, Food Industries, Wire and Cable Industry, Pipe Industry, etc.

Features:

◆ Quick-dry black ink used industrial non-contact small character inkjet printers
◆ Highly compact design
◆ Auto flush during start and stop
◆ Nozzle cleaning like forward flush and reverse flush
◆ Steerer based ink tank system ideal for pigment-based ink
◆ Single cartridge ink system
◆ Print consistently high-quality images even on structured and uneven surfaces
◆ Print features include the date, time, batch number, logo and trademark
◆ Easy to be integrated at any position of the production line – user-friendly interface and most reliable ink system
◆ 8" TFT LCD touch screen
◆ Multitask system, printing and editing at the same time

Technical Specification:

Printable Lines	Up to 6 lines
Max. Printable Dot Matrix	48*48 dot matrix
Memory Capacity	Up to 1000 messages
Max. Print Speed	300 m/min (5*5 dots)
Material	Metal, plastic, glass, wood, tubing, electrical wire, cable etc
Printable Font Height	1.5 mm – 20 mm adjustable
Operation Interface	English Menu
Printable Content	Figures, date, time, lot number, serial number, etc
Font Width	Up to 9 times
Print Distance	30 mm max from print-head bottom to substance surface
Print head Umbilical Length	2.7 m (Customize)
Ink Color	Black, blue, red, white etc
Consumption of Ink	70 million character per liter
Ink Capacity	700 ml
Operating Environment	5-45 degree centigrade, below 90% (Humidity)
Power Source	AC220V/240V 50Hz