

Hi100 Intelligent Ink Jet Printer

Hi-Pack Hi100 intelligent ink jet printer adapts new software operation interface, supports MODBUS and other standard industrial protocols, advanced software could be customized according to customer demands, suitable for different scenarios of production lines or products, the standard printhead heating function ensures stable performance in harsh environments.



10.1" LVDS HD large screen

The new operating interface makes editing easier and more informative.



Gunbody design

Gunbody sealing technology and automatic cleaning function. Optional 50 microns, 60 microns, 70 microns nozzles are available.



Ink system

The integrated ink system is stable and easy to maintain.

Function Introduction

Color Touch Screen

The concise operation interface supports manual dragging and dropping of text to any position, and the content is more diverse, making it easier for users to edit.

IP65 Protection

All 304 stainless steel IP65 design

Consumables

Real-time monitoring of consumable consumption and timely reminders to replace consumables.

Automatic Cleaning

Auto-cleaning function ensures that nozzle and gutter are clean when start jetting and stop jetting, and ink streamline is smooth when the machine is switched on again.

Font

5x5、7x5、9x7、12x10、16x12、24x18、32x24

Printing Speed

Up to 306 m/min (5x5 dot matrix)

Throw Distance

Up to 30mm

Electrical Power Supply

220VAC \pm 10%

Hardware Configuration

Uses a 4-core processor with a CPU frequency of 1.4GHz, 1G RAM and 8G storage space as standard.

Standard Protocol

The MODBUS industry standard protocol is adopted, and convenient for docking with other industrial equipment.

Hydraulic System

Modular ink circuit design with less tubing and connectors, improves stability, and saves consumables.

Message Editing

Production date, batch number, logo, expiry date, Julian date, shift, bar code, random code

Ink Streamline Detection

The Gutter tube ink streamline detection function ensures that the printer could stop jetting automatically in case of ink streamline problems.

Message Capability

Up to 4 lines (7x5 dot matrix)

Printing Height

1.8mm-15mm

Environmental Requirements

Ambient Temperature: $-5^{\circ}\text{C} - 45^{\circ}\text{C}$

Ambient Humidity: 30% to 95% non-condensing



Equipment Specifications

Controller Dimensions: 370mm x 325mm x 460mm

Printhead Dimensions: 235mm x 45mm x 40mm

Umbilical Tube Length: 3m (Standard)