FBP001-N Continuous Inkjet Printer

Design for Efficient Production Line

The FBP001-N Series is a new line of continuous small character inkjet printers designed specifically for high-quality printing results and improved production line output. The FBP001-N Series features a modular design for its print heads and a sturdy stainless steel construction for the machine body, ensuring reliable operation in harsh production environments and optimizing production line efficiency.

· External interfaces

IP68,RS232,network interface, counter reset,information control and other functions.

· Main Hardware

The main board with newest structure has superior performance offimction and stability, and the EH'T is dustproofand waterproof, better to deal with the harsh and complex environment.

· Ink System

Double-head pump design makes more stable and durable.
White ink machine has double mixing system to prevent the pigment ink precipitation.

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More reliable and professional hardware

The motherboard adopts the American TI company AM3358 industrial-grade high-performance CPU, the American Xilinx company's Spartan7 industrial-grade high-speed computing FPGA, 256M large memory to store more information and both adopt anti-interference industrial-grade solid-state electronic components SMT manufacturing process. Various optional external interfaces such as RS232 serial port, LAN network port. USB interface, expandable input and output IO ports, ete.

More powerful and smarter software

Intelligent embedded Linux operating system provides a professional and more user friendly interface. Embedded powerful drop consumption algorithm that allow instant calculation of cost per print. Powerful variable functions of the 2D Code to meet the today growing customers' demand. Efficient and flexible variable database functions to meet various applications requirements for product traceability.

Printing Effect Display

Egg
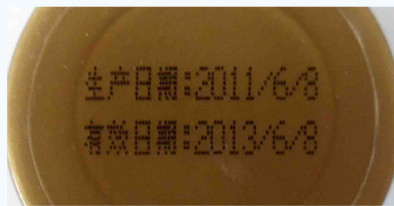
PET Bottle Cap

Glass

metal bottle cap

Foam Box

Paper Box

Cable Industry

Daily Chemical Industry

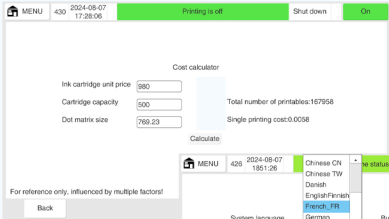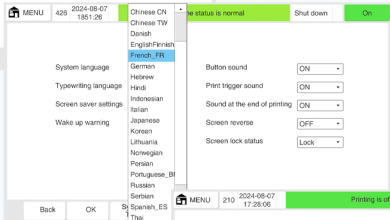Food Industry

Construction Industry
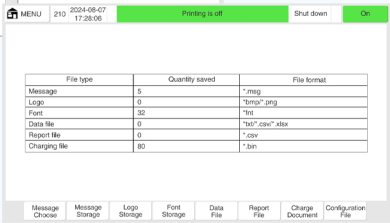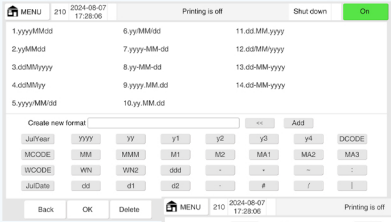

Packaging Industry

Life Sciences
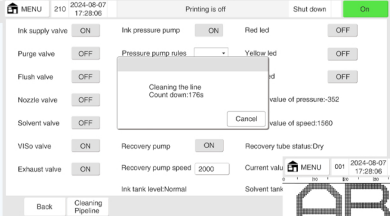
Software

Cost calculation

Multilingual

File types and formats

Date display

Automatic cleaning function
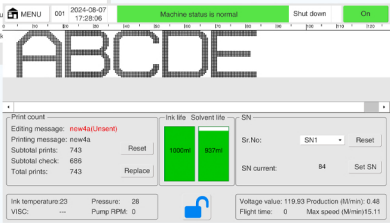
Real-time ink level monitoring

240mm

524mm

190mm

404mm

282mm

Printing Parameters

Print Head Duct: 3m/6m	Counter: More than 20 independent counters
Nozzle Specifications: 40u 50u 60u 75u	Ink Color: Black,Red, Blue, Green, White, Invisible
Printing Height: 2~20mm	Printing Lines: 1~5 lines
Printing Distance: 3~30mm	Printing Speed: 576m/min
Ink Type: High adhesion, Migration resistance, High temperature,resistance, Special for glass, Permeability, Food grade, Oil resistance	Font: 5X6L 7X6L 7X10L 9X8L 9X11L 11X11L 12X12L 16X16L 24X24L 32X32L 11X11B 12X12B 16X16B 24X24B 32X32B
Printing Material: Carton, Plastic, Metal, Sheet, Pipe, Stone, Cable, Glass, Electronic components, Auto parts, Industrial chemical, packaging, Medical, Food , Gift box	Printing Content: Text, time, date, logo, Shift,SN,dynamic barcodes/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 Interfaces:Network interface, USB, RS232	Protection Level: ip55
Power parameters: Input 100~240V AC	Rated power: 150W
Battery Parameters: 256MB	Machine material: 304 stainless steel
Related certification: RoHS CE FCC	Working Environment: Temperature 0-45°C / Humidity 30-70% Rh
Main Hardware: American TI AM3358 industrial grade CPU, American Xilinx Spartan7 industrial grade FPGA	Net weight: 22kg
Support Language: Support more than 40 national languages(Chinese,English, ArabicDanish,German,Russian, French,Finnish,Korean, Japanese,Spanish,italian,etc.)	External Interfaces: Optical eye, Encoder, Reverse and upside down control,Signal light alarm output, Serial number output control,External printing information selection

Packaging List

Horn screw 15*8

M8*25

KEY
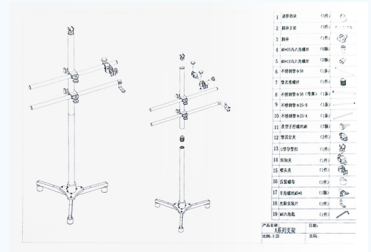
Installation Manual

Conduit clamp
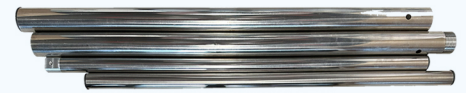
Mounting bracket

Footpad

Nozzle clamp

Footstand bracket

Shaft clamp

Stainless steel pipe

Wash bottle

balldriver 1.5mma/f

U disk

640mm

520mm

400mm

Blower

Mains cable assy
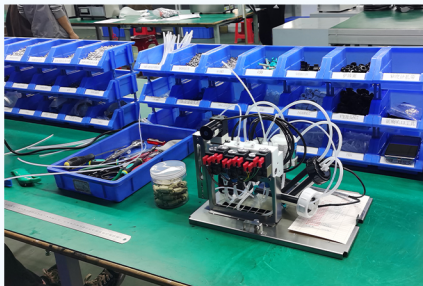
sensor

Product certification

Shenyang Faith Technology Co.,ltd

Company environment

Factory environment

Exhibition pictures

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