

DAYSJET®



18 Series

Product Presentation

Professional printing solution

Chongqing VDJ Ink Jet Printer Manufacturing Co., Ltd.

www.daysjet.com.cn/en

Company introduction

- ▶ Chongqing VDJ Ink Jet Printer Manufacturing Co., Ltd., located in Liang jiang New Area of Chongqing, specializes in providing continuous stability, excellent printing quality , low cost CIJ printer and small character coding and system integration solution.
- ▶ Nearly 20 years of experience in coding technology precipitation, exquisite electronic technology, Independent intellectual property rights and the perfect pursuit of high quality products, combined with the actual situation in the field of packaging marking in China, we design, develop and manufacture 18 series CIJ printer, meet the needs for different users.



Company introduction

- ▶ 18 series CIJ printer are widely used in food, beverage, pharmaceutical industry, auto parts, electronics, cosmetics, cable, construction materials, chemical industry and other industries.
Whatever product identification, product traceability, anti-counterfeiting and so on, we always standing in the perspective of customers to provide customers with high quality, the most economic and effective solutions.
- ▶ With the purpose of "Everything is intended for the customers", the company is committed to providing customers with "the best products the best service".



- ▶ Provide professional high-quality identification equipment, leading technology
- ▶ ISO9001 quality system certification
- ▶ CE certification
- ▶ SGS certification for ink and solvent
- ▶ High-tech company in local
- ▶ More than 10 inventions or innovation patents
- ▶ Provide full solution includes equipment, consumables, technical support, after-sales service



Warranty

▶ Warranty scope

- 1、 Mainboard
- 2、 Ink system
- 3、 Printhead

Out of warranty scope

- 1、 Filter
- 2、 Consumables
- 3、 Damaged by human factor.
- 4、 Damaged by natural disasters, power failure, fires and so on.

Customer responsibility during warranty period

- 1、 Follow manual to install and debug.
 - 2、 Follow manual maintenance
 - 3、 Use the original consumables.
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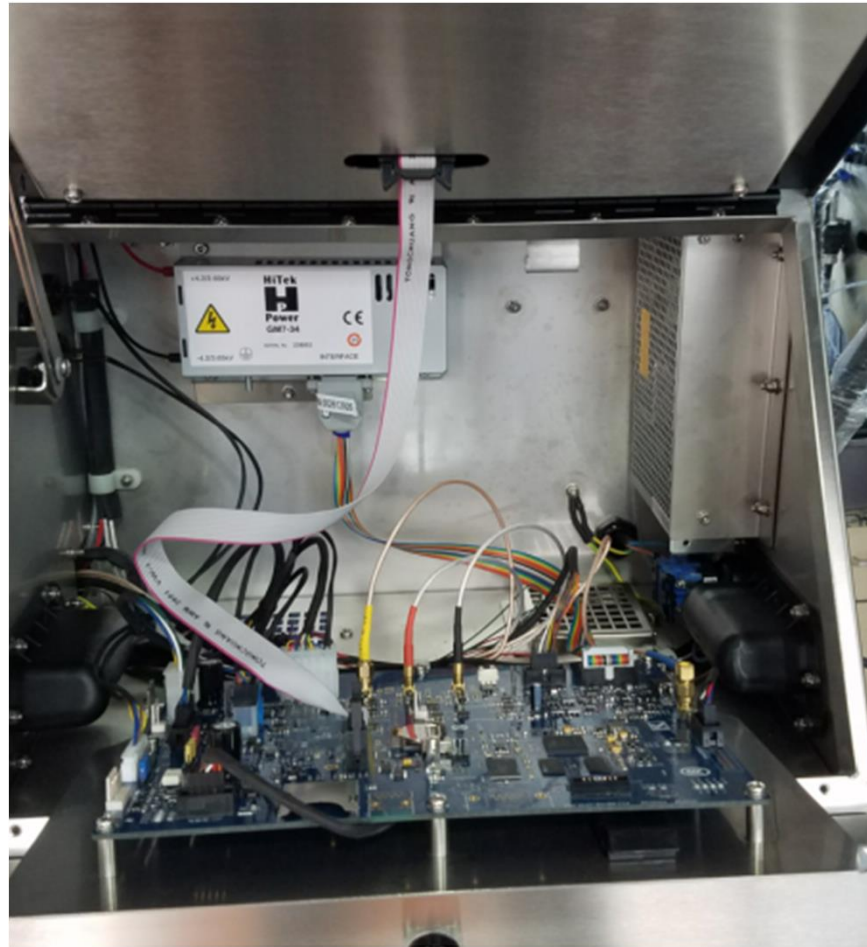
Product structure



Printhead



Mainboard and control system



Advantage

▶ Stability

Advanced assembly technology, mold forming products, advanced and reliable world famous spare parts to ensure the reliability and consistency of the products.。

Advanced ink integrated system, smart ink cartridge, ensure the stability of the product, greatly reduce the failure rate, maximize the improvement of production efficiency.

Real automatic cleaning of the on-off machine, the power off protection function of the patented technology greatly reduce the failure, realize the maintenance free in the real sense.

▶ Save consumables

System integration, Smart ink cartridge, reduce waste, largest save cost for users.



Advantage

- ▶ **Printing speed**

High-speed printing speed and numbers of printing lines in the industry's, more to meet the user's different application needs.

- ▶ **Perfect printing**

The use of DSC dynamic compensation technology, accurate control of each ink point, perfect printing effect and more improved printing speed.

- ▶ **Easy operation and maintenance**

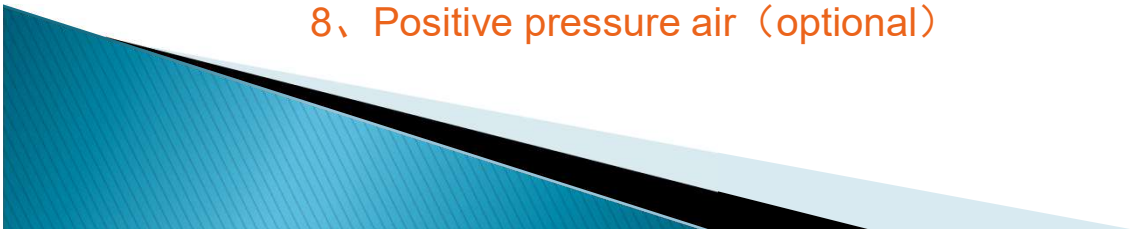
Simple Windows software, free information editing, system integration, meet customer different needs.

- ▶ **Perfect service system**

Ink system

Ink STS (Ink system total solution)

- 1、 Printhead
- 2、 Viscosity control
- 3、 Auto cleaning
- 4、 Power off protection
- 5、 Smart ink cartridge
- 6、 Cooling system (optional)
- 7、 Exhaust system
- 8、 Positive pressure air (optional)



Circuit

- ▶ Integrated circuit

200 MHz system-level core processor is used for pattern and application processing

Run LINEX

50 MHz FPGA real-time control

64 MB Flash chip

All main control circuits are provided by EHT with high voltage, crystal voltage and charging voltage



Software

- ▶ DSC (Dynamic Simulate Compensation)
- ▶ Intelligent opening nozzle function
- ▶ Powerful software system
- ▶ Special windows software

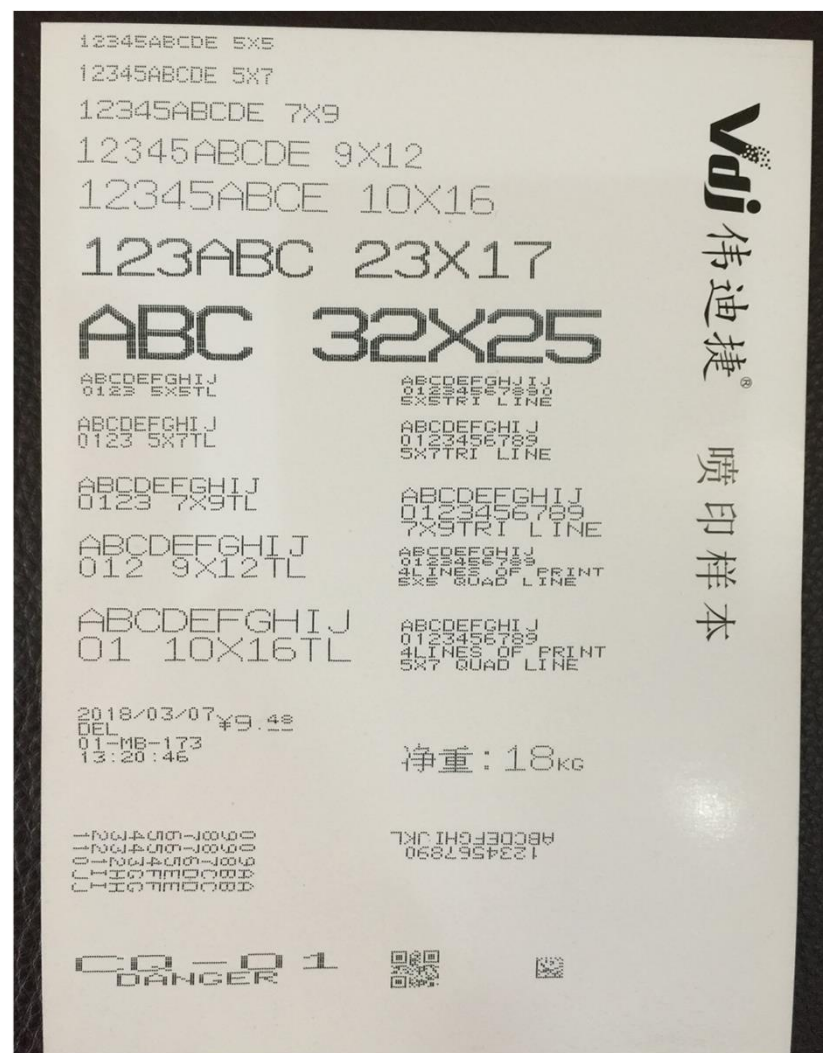


Core components

- ▶ Pump MIRCROPUMP Customized
- ▶ Valve NORGREN
- ▶ High voltage supply HITEK Customized
- ▶ Low voltage supply MEAN WELL Customized
- ▶ Thrust block
- ▶ Printhead Mold forming, corrosion resistance
- ▶ Nozzle Gem nozzle, advanced Mosaic technology



Printing sample



Printing photos



Specification

	1870	1870-P	1870-M	1850
UI	√	√	√	√
Font	Common	Common	Common	Common
Chinese character	√	√	√	√
Nozzle diameter	60	50	40	60
Max. speed (m/min)	396	396	235	396
Max. dot	32	32	24	32
Lines	5	5	4	5
Optimum printing distance (5-15mm)	12	12	8	12
Message length	4000	4000	4000	4000
Max. messages	100	100	100	100
Flipped/upside down	√	√	√	√
Barcode	√	√	√	√
Shift	√	√	√	√
Tower	√	√	√	√
Printing bold/reversal	√	√	√	√
Custom character	√	√	√	√
Pattern editing	√	√	√	√

Specification

	1870	1870-P	1870-M	1850
Product filter	√	√	√	√
Counter reset	√	√	√	√
On-off clean	√	√	√	√
Automatic mixing	/	/	/	√
Ink	Dye	Dye	Dye	Pigment
Reverse printing	√	√	√	√
Encoder	√	√	√	√
Language	Customizable	Customizable	Customizable	Customizable
CA	CE	CE	CE	CE
IP lever	IP55	IP55	IP55	IP55
Rectangular nozzle	Customizable	Customizable	Customizable	Customizable
Hose length	2M	2M	2M	2M
Positive pressure air	Optional	Optional	Optional	Optional
Condenser	Optional	Optional	Optional	√
Temperature (°C)	5--45	5--45	5--45	5--45
Voltage 100-120/200-240VAC	Standard	Standard	Standard	Standard
Power	125	125	125	125



Printing speed

Printing speed				(m/min.)
Lines & font dots	1870Plus	1870	1870-M	1850
Single 5x5	398	398	235	398
Single 7x5	283	283	167	283
Single 9x7	210	110	65	110
Single 12x9	140	83	48	83
Single 16x11	91	61	36	61
Single 24x16	50	22	13	27
Single 32x25	27	13	9	15
Double 5x5	180	90	54	90
Double 7x5	102	66	40	66
Double 9x7	67	33	21	33
Double 12x9	42	19	11	19
Double 16x11	26	13	9	13
3 Lines 5x5	78	38	21	38
3 Lines 7x5	53	23	13	23
3 Lines 9x7	32	16	11	16
4 Lines 5x5	53	26	13	26
4 Lines 7x5	28	13	9	13
5 Lines 5x5	32	15	10	15