



InLine InkJet Marking and Coding Solutions

Supplied & Supported By:

Carpenter's Time Systems
"Since 1962"

P: 409.838.5391 | TF: 888.838.5391

www.CarpentersTimeSystems.com

Elfin II Series

High Resolution Inkjet Printer



Elfin II Double Heads Inkjet Printer

Elfin IIC Uneven Surface Inkjet Printer



Maximum Printable Height 1" (Elfin II)

Two combined printheads enable the printable height reach 1" (25.4mm).



Independent Controller

7" color LCD touch screen, brand new interface, can connect ordinary printhead(s), uneven surface printhead(s) & egg printing printhead(s).



Independent Printhead

Printhead(s) are separated from the controller, multi combinations, easy to operate.



Connect to External Data Source

Through USB, Ethernet and RS232 port, printer can integrate with external data sources.



Uneven Surface Printing (Elfin IIC)

Suitable for curve and uneven surfaces.

OPTIONAL



Stretchable Printhead(s) (Elfin IIC)

Printhead(s) can stretch from 0-10mm according to the surface. **OPTIONAL**



Variable Throw Distance Supported (Elfin IIC) **OPTIONAL**

Different deflectors available for different curves.



Database Support **OPTIONAL**

PC software supports the timely printing of data from MS Excel, MS Access, SQL2000, SQL2005, SQL2008 etc.

Features

Selectable Languages

Chinese, English, Japanese, French, German, Spanish, Portuguese and Russian;

Fonts

Default font is Arial, allows users to load the fonts they need;

Barcodes

UPCA, UPCE, EAN13, EAN8, INT25, CODE39, CODE128, ENA 128, PDF417, DATAMATRIX, QR; (Allows user to add the barcode)

Date format

Two date types(production date, expiry date), different options of date format;

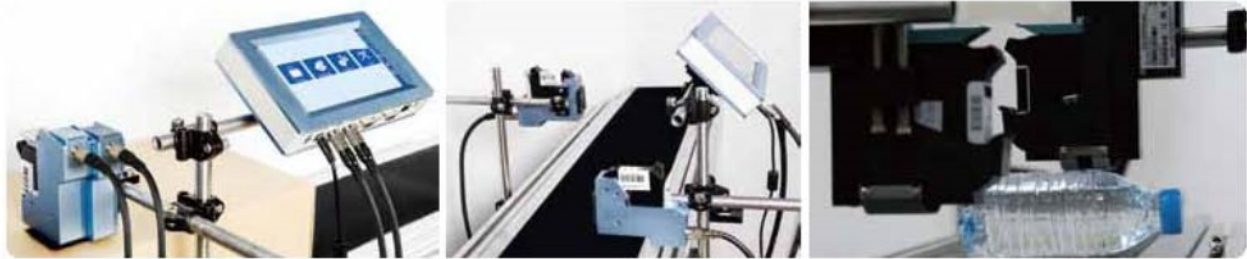
Support external database through PC software **OPTIONAL**

MS Excel, MS Access, SQL;

Support data source from printer

Provide standard RS-232, Ethernet port and USB port, simplify the integration for customers;

*Date and counters can be switched to variable barcode printing



Technical Parameters

Technology

HP TIJ2.5;

Dimensions

Controller (H*W*D):: 210*135*37mm/8.3*5.3*1.46inch
Elfin II printhead (H*W*D) : 126*100*31mm/4.9*3.9*1.2inch
Elfin IIC printhead (H*W*D) : 142*133*55mm/5.6*5.2*2.15inch

Power Supply

AC 90V-240V/50-60HZ, 90W (Dedicated AC);

Printable Heights (mm)

Elfin II: 1~25.4mm
Elfin IIC: 1~12.7mm

Printing Speed

0~60m/min (300DPI)
0~30m/min (600DPI)

Resolution

50~600DPI

Printing Objects

Barcodes, Character, Numeric, Logo, date/time, Expiry Date, Shift code;

Port

- 1) Ethernet: 100Mb/S, synchronized control of multiple devices via PC;
- 2) USB2.0 Port: Support-Disk;
- 3) DB15: For external devices like photocell, synchronizer or alarm kit connection;

Interface

- 1) 7 inch 800*480 color LCD touch screen;
- 2) With touch screen interface operation, easy to use;
- 3) Printer can work separately without PC software;

Ink management

- 1) Automatically recognize the ink types and identify the optimum printing parameters.
- 2) Guarantee of using genuine original HP ink.
- 3) Automatic measuring system for the usage of the ink

Mounting

Standard side and downside printing assembly, customers can fix it flexibly.

Product Certification

CE, FCC;

Environment

- 1) Working Environment: -10°-- +45°C; 10%-85%RH;
- 2) Storage Environment: -25°-- +55°C; 10%-90%RH;

Ink Solutions

Support porous, semi-porous and non-porous materials

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