

# 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.



**Stretchable Printhead(s) (Elfin IIC)**

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



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

Different deflectors available for different curves.



**Database Support**

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

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

