



Elfin I

High Resolution Inkjet Printer



 **Stand-alone Inkjet Printer**
(Controller, printhead unibody design)

 **Variable Data**
(Supports dynamic data, database printing)

 **Tourscreen Editing**
(5 inch touch screen display)



Specification	142 x 65 98mm (H x W x D) / 5.6 x 2.6 x 3.9inches (Anti-shock plate is not included)
Language	English, Chinese, Japanese, French, German, Spanish, Portuguese, and Russian
Resolution	50-600DPI
Counters	Number Series, Cartron Numbers, Pallet Numbers, etc.
Printable Height	1-12.7mm
Printing Speed	0-60 m/min(300 DPI) 0-30 m/min(600 DPI)
Production Speed	Production speed can be set by the user, automatic calculation, or external encoder
Barcode	UPCA, UPCE, EAN13, EAN8, INT25, CODE39, CODE128, EAN128, PDF417, DATAMATRIX, QR
Date Format	Production date, expiry date with several formats options
Database Support	PC Software supports MS Excel, MS Access, SQL2000, SQL2005, SQL 2008, etc. database formats
DB Source Support	Standard RS-232 and Ethernet port provides simple integration
Interface	5inch 800 x 480 resolution color LCD touch screen
Port	1) Ethernet: Supports PC software communication protocol/SDK 2) USB 2.0: Supports U-Disk 3) DB15: For external devices like photoelectric sensor, encoder, or alarm kit connection
Ink Management	Identifies the ink type and sets the best printing parameter Original authentic HP ink cartridge guaranteed Automatic measuring system for ink consumption
Installation	Standard side printing bracket, down printing bracket and anti-shock bracket, users can install according to their needs
Power Supply	AC 100V-240V 50-60HZ, 36W (Specified AC adaptor)
Certificate	CE, FCC




Elfin IH

Handheld High Resolution Inkjet Printer



 **Multi-line Printing**
(Sequential line printing of multiple files)

 **Adjustable Printing Distance**
(Supports various printing request)

 **On-demand Printing**
(Print anywhere and any time)

Specification	143.5 x 123 x 236 mm (H x W x D) / 5.65 x 4.84 x 9.3 inches
Language	English, Chinese, Japanese, French, German, Spanish, Portuguese, and Russian
Resolution	300DPI (standard)
Counters	Series numbers, carton numbers, pallet numbers, etc.
Printable Height	1-12.7mm
Throw Distance	Adjustable; 1.5mm/2.5mm/5mm interchangeable wheels available
Barcode	UPCA, UPCE, EAN13, EAN8, INT25, CODE39, CODE128, EAN128, PDF417, DATAMATRIX, QR
Date Format	Production date, expiry date with several formatting options
Battery	2pcs standard rechargeable batteries with large capacity Each battery is comprised of three 2200mAh battery modules
Interface	5inch 800 x 480 resolution color LCD touch screen display New user operation interface, easy to learn and use
Port	USB 2.0: Supports U-Disk
Ink Management	Identifies ink type automatically and sets printing parameters Original authentic HP ink cartridge guaranteed Automatic measuring system for ink consumption
Certificate	CE, FCC



Elfin ID

High Resolution Inkjet Printer



Specification	Controller: 162 x 92 x 31mm (H x W x D) / 6.4 x 3.6 x 1.3 inches Printhead: 144 x 95 x 60mm (H x W x D) / 5.7 x 3.7 x 2.4 inches
Language	English, Chinese, Japanese, French, German, Spanish, Portuguese, and Russian
Resolution	50-600DPI
Counters	Number Series, Cartron Numbers, Pallet Numbers, etc.
Printable Height	1-12.7mm
Printing Speed	0-60 m/min(300 DPI) 0-30 m/min(600 DPI)
Production Speed	Production speed can be set by the user, auto-measured, or by use of an external encoder
Barcode	UPCA, UPCE, EAN13, EAN8, INT25, CODE39, CODE128, EAN128, PDF417, DATAMATRIX, QR
Date Format	Production date and expiry date with several formatting options
Interface	5inch 800 x 480 resolution color LCD touch screen
Ink Management	Identifies the ink type and sets the best printing parameters Original authentic HP ink cartridge guaranteed Automatic measuring system for ink consumption
Installation	Standard side printing bracket, down printing bracket, and anti-shock bracket. Users can install according to their needs.
Power Supply	AC 100V-240V 50-60HZ, 45W (Specified AC adaptor)
Certificate	CE, FCC
Environment	1. Working Environment: -10° -- +45°C; 10%-85%RH; 2. Storage Environment: -25° --+55°C; 10%-90%RH



Separated Type Inkjet Printer

(Separated print head and controller, suitable for installation and operation in various environments)



Online Edit

(5 inch touch screen for editing operation)



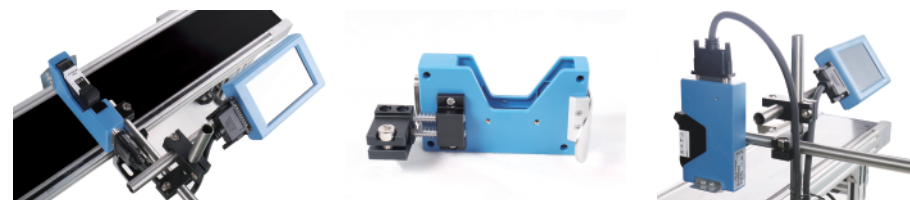
Economic and Practical

(Best partner of equipment print supporting)



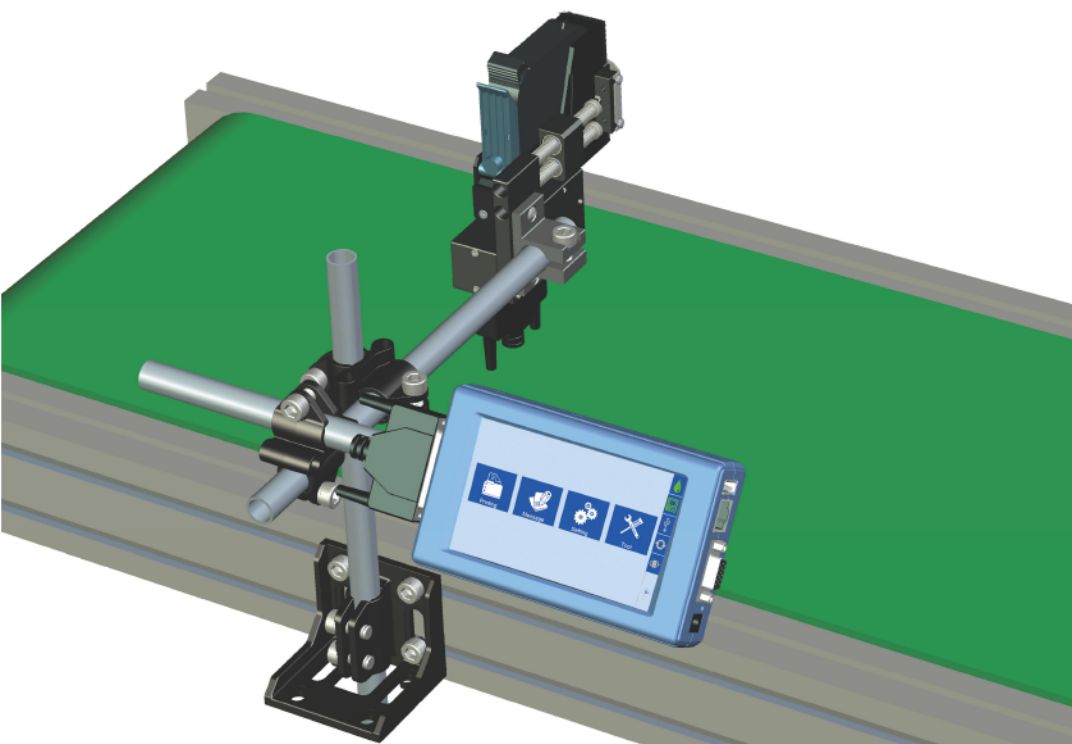
Chinese Input

(Support Chinese input method, and support a variety of fonts)



Elfin ID-C

High Resolution Inkjet Printer



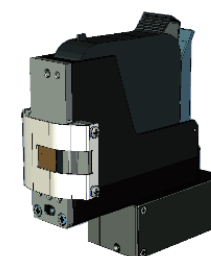
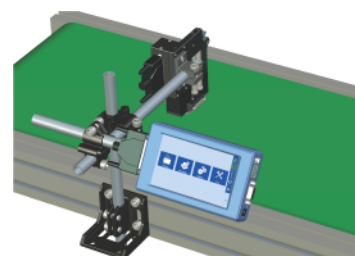
Specification	Controller: 162 x 92 x 31mm (H x W x D) / 6.4 x 3.6 x 1.3 inches Printhead: 133 x 133 x 55mm (H x W x D) / 5.2 x 5.2 x 2.2 inches
Language	English, Chinese, Japanese, French, German, Spanish, Portuguese, and Russian
Resolution	50-600DPI
Counters	Number Series, Cartron Numbers, Pallet Numbers, etc.
Printable Height	1-12.7mm
Printing Speed	0-60 m/min(300 DPI) 0-30 m/min(600 DPI)
Production Speed	Production speed can be set by the user, auto-measured, or by use of an external encoder
Barcode	UPCA, UPCE, EAN13, EAN8, INT25, CODE39, CODE128, EAN128, PDF417, DATAMATRIX, QR
Date Format	Production date and expiry date with several formatting options
Interface	5inch 800 x 480 resolution color LCD touch screen
Ink Management	Identifies the ink type and sets the best printing parameters Original authentic HP ink cartridge guaranteed Automatic measuring system for ink consumption
Installation	Standard side printing bracket, down printing bracket, and anti-shock bracket. Users can install according to their needs.
Power Supply	12V/3A, 36W (Dedicated AC adaptor)
Certificate	CE, FCC
Environment	1. Working Environment: -10° -- +45°C; 10%-85%RH; 2. Storage Environment: -25° --+55°C; 10%-90%RH

 **Variable Data**
(Support dynamic data, printing)

 **Online Edit**
(5 inch touch screen for editing operation)

 **Economic and Practical**
(Best partner of equipment print supporting)

 **Chinese Input**
(Support Chinese input method, and support a variety of fonts)





Elfin IS

High Resolution Inkjet Printer



Separated Type Inkjet Printer

(Separated print head and controller, suitable for flexible installation and operation)



Touchscreen Editing

(5 inch touch screen display for editing operation)



Economic and Practical

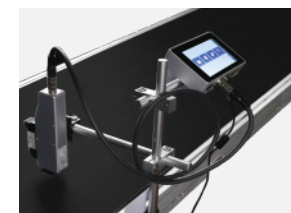
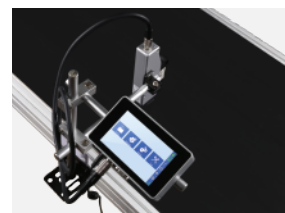
(Best partner of equipment and printer combination)



Language Input

(Supports multiple languages and various fonts)

Specification	Controller: 151 x 93 x 32mm (H x W x D) / 5.9 x 3.7 x 1.3 inches Printhead: 175 x 52 x 33mm (H x W x D) / 6.9 x 2.0 x 1.3 inches
Language	English, Chinese, Japanese, French, German, Spanish, Portuguese, and Russian
Resolution	50-600DPI
Counters	Number Series, Cartron Numbers, Pallet Numbers, etc.
Printable Height	1-12.7mm
Printing Speed	0-60 m/min(300 DPI) 0-30 m/min(600 DPI)
Production Speed	Production speed can be set by the user, automatic calculation, or external encoder
Barcode	UPCA, UPCE, EAN13, EAN8, INT25, CODE39, CODE128, EAN128, PDF417, DATAMATRIX, QR
Date Format	Production date, expiry date with several formats options
Interface	5inch 800 x 480 resolution color LCD touch screen
Port	1) Ethernet: Supports PC software communication protocol/SDK 2) USB 2.0: Supports U-Disk 3) DB15: For external devices like photoelectric sensor, encoder, or alarm kit connection
Ink Management	Identifies the ink type automatically and sets the best printing parameter Original authentic HP ink cartridge guaranteed Automatic measuring system for ink consumption
Installation	Standard side printing bracket, down printing bracket and anti-shock bracket, users can install according to their needs, spring mechanism is optional
Power Supply	AC 100V-240V 50-60HZ, 45W (Specified AC adaptor)
Certificate	CE, FCC



Elfin II

Dual Printhead Inkjet Printer



Variable Data

(Dynamic data support, database printing)



Maxium Printable Height 1"

(Two combined printheads enable the print height of up to 1"(25.4mm))



Independent Controller

(7 inch color LCD touchscreen, new touchscreen interface, normal printhead and curve surface printhead connection available)



Independent Printhead

(Printheads are separated from the controller, offering multiple printing combinations)



Database Complement Function (Optional)

Support database format: MS Excel, MS Access, SQL, MSCSV.



Database



PC Control



Inkjet Printer

Communication Protocols

Support both simplified communication protocols, complete communication protocols and also MODBUS/CC-Link protocol.



Modbus

SDK Support

Support JAVA/C++/C#/Python language



JAVA



C++



C#

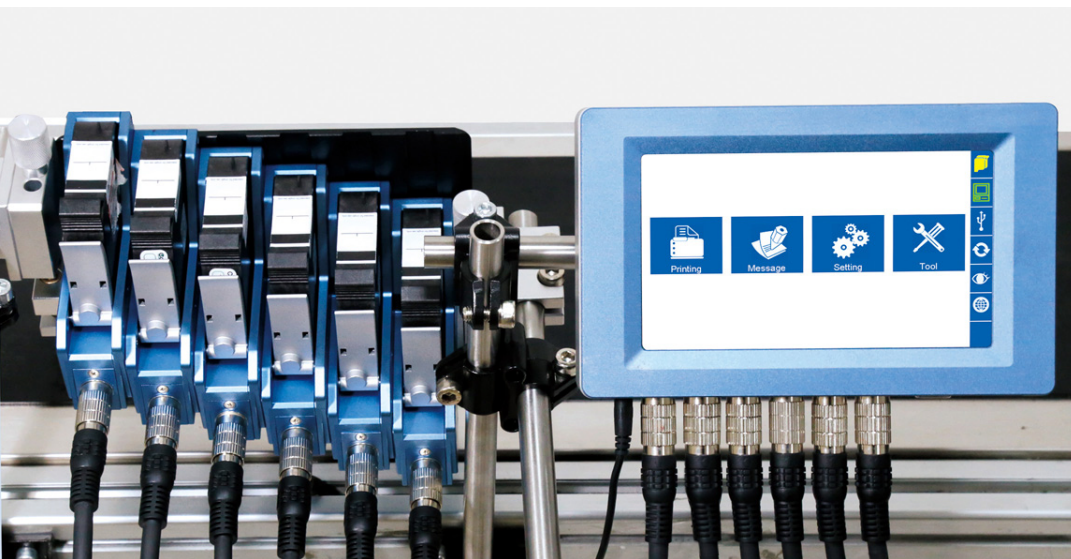


Python

Specification	Controller: 210 x 135 x 37mm (H x W x D) / 8.3 x 5.3 x 1.46 inches Printhead: 126 x 100 x 31mm (H x W x D) / 4.9 x 3.9 x 1.2 inches
Language	English, Chinese, Japanese, French, German, Spanish, Portuguese, and Russian
Resolution	50-600DPI
Counters	Number Series, Cartron Numbers, Pallet Numbers, etc.
Printable Height	1-25.4mm
Printing Speed	0-60 m/min(300 DPI) 0-30 m/min(600 DPI)
Production Speed	Production speed can be set by the user, automatic calculation, or external encoder
Barcode	UPCA, UPCE, EAN13, EAN8, INT25, CODE39, CODE128, EAN128, PDF417, DATAMATRIX, QR
Date Format	Production date, expiry date with several formats options
Database Support	PC Software supports MS Excel, MS Access, SQL2000, SQL2005, SQL 2008, etc. database formats
DB Source Support	Standard RS-232 and Ethernet port provides simple integration
Interface	7 inch 800 x 480 resolution color LCD touch screen
Port	1) Ethernet: 100Mb/s, synchronized control of multiple devices via PC 2) USB 2.0: Supports U-Disk 3) DB15: Photoelectric sensor, encoder, or alarm kit connection, etc.
Ink Management	Identifies the ink type and sets the best printing parameter Original authentic HP ink cartridge guaranteed Automatic measuring system for ink consumption
Installation	Standard side printing bracket, down printing bracket and anti-shock bracket, users can install according to their needs, spring mechanism is optional
Power Supply	AC 100V-240V 50-60HZ, 90W (Specified AC adaptor)
Certificate	CE, FCC

Elfin VI

Multi Printhead Inkjet Printer



Variable Data

(Supports dynamic data, database printing)



Maxium Printable Height 3"

(Six combined printheads enable the print height of up to 3"(76.2mm))



Independent Controller

(7 inch color LCD touchscreen, new touchscreen interface, normal printhead and curve surface printhead connection available)



Independent Printhead

(6 printhead(s) can work separately, at the same time, or in various combinations)



Specification	Controller: 210 x 135 x 37mm (H x W x D) / 8.3 x 3.1 x 1.46 inches Printhead: 126 x 100 x 31mm (H x W x D) / 4.9 x 3.9 x 1.2 inches
Language	English, Chinese, Japanese, French, German, Spanish, Portuguese, and Russian
Resolution	50-600DPI
Counters	Number Series, Cartron Numbers, Pallet Numbers, etc.
Printable Height	1-76.2mm
Printing Speed	0-60 m/min(300 DPI) 0-30 m/min(600 DPI)
Production Speed	Production speed can be set by the user, automatic calculation, or external encoder
Barcode	UPCA, UPCE, EAN13, EAN8, INT25, CODE39, CODE128, EAN128, PDF417, DATAMATRIX, QR
Date Format	Production date, expiry date with several formatting options
Database Support	PC Software supports MS Excel, MS Access, SQL2000, SQL2005, SQL2008, etc. database formats.
Database Source	Standard RS232 and Ethernet, simple integration for the customer
Interface	1. 7inch 800 x 480 resolution color LCD touch screen 2. New touch operation interface, easy to learn and use 3. Printer works independently without PC software
Port	1. Ethernet: 100Mb/s, synchronized control of multiple devices via PC 2. USB 2.0: Supports U-Disk 3. DB15: For external devices like photoelectric sensor, encoder, or alarm kit connection
Ink Management	Identifies the ink type and printing parameters automatically Original authentic HP ink cartridge guaranteed Automatic measuring system for ink consumption
Installation	Standard side printing bracket, down printing bracket and anti-shock bracket, users can install according to their needs, spring mechanism is optional
Power Supply	AC 100V-240V 50-60HZ, 90W (Specified AC adaptor)
Certificate	CE, FCC

Elfin VIE

Egg Printing High Resolution Inkjet Printer



Independent & Stretchable Printhead

(Printheads automatically stretch 0-10mm according to egg curve surface to protect egg effectively.)



Data Copy

(The data of printhead can be copied to other printheads to avoid repeating data.)



Free selection for Printhead(s)

(Different printheads combination as egg tray type)



Professional Installation Bracket

(Easy installation and operation for all kinds of egg trays)



Specification	Controller: 210 x 135 x 37mm (H x W x D) / 8.3 x 3.1 x 1.46 inches Printhead: 126 x 100 x 31mm (H x W x D) / 4.9 x 3.9 x 1.2 inches
Language	English, Chinese, Japanese, French, German, Spanish, Portuguese, and Russian
Resolution	50-600DPI
Counters	Number Series, Cartron Numbers, Pallet Numbers, etc.
Printable Height	1-12.7mm
Printing Speed	0-60 m/min(300 DPI) 0-30 m/min(600 DPI)
Production Speed	Production speed can be set by the user, automatic calculation, or external encoder
Barcode	UPCA, UPCE, EAN13, EAN8, INT25, CODE39, CODE128, EAN128, PDF417, DATAMATRIX, QR
Date Format	Production date, expiry date with several formatting options
Database Support	PC Software supports MS Excel, MS Access, SQL2000, SQL2005, SQL2008, etc. database formats.
Database Source	Standard RS232 and Ethernet, simple integration for the customer
Interface	1. 7inch 800 x 480 resolution color LCD touch screen 2. New touch operation interface, easy to learn and use 3. Printer works independently without PC software
Port	1. Ethernet: 100Mb/s, synchronized control of multiple devices via PC 2. USB 2.0: Supports U-Disk 3. DB15: For external devices like photoelectric sensor, encoder, or alarm kit connection
Ink Management	Identifies the ink type and printing parameters automatically Original authentic HP ink cartridge guaranteed Automatic measuring system for ink consumption
Installation	Equipped with professional mounting brackets
Power Supply	AC 100V-240V 50-60HZ, 90W (Specified AC adaptor)
Certificate	CE, FCC



High Resolution Inkjet Printer Smart Handheld Printing System



Portable

(Ergonomic design, small footprint, and light weight)



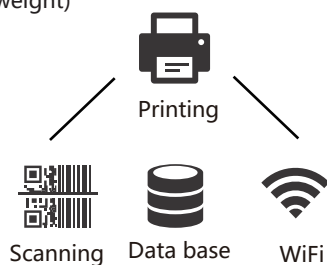
Multilingual

(Supports multiple language input)



Locating Adjustment Module

(Adjustable printing distance, accurate position)



Specification	218 x 79 x 152 mm (H x W x D) / 8.6 x 3 x 6 inches
Language	English, Chinese, Japanese, French, German, Spanish, Portuguese, and Russian
Multi-line Printing	Supports multi-line group printing
Printable Hights (mm)	1-12.7mm
Interface	New graphic user interface, 5 inch display, 1280 x 720 resolution, capacitive screen
Printing Data	Variable data, expiry date, production date, lot number and operator information, image/logo, barcode, etc.
Built-in Encoder	Built-in encoder makes printer more light and handy
Reprint	Real-time monitoring content of dynamic data printing, and real-time reprint failed content
Barcode Support	UPCA, UPCE, EAN13, EAN8, INT25, CODE39, CODE128, EAN128, PDF417, DATAMATRIX, QR
Database Support	Flexible data edit, supports several data sources, insert different data sources in the same object
User Management	Set up different operation limits per user's request
Throw Distance	300DPI standard with four wheels; two wheels is optional
Ports	USB 2.0 port: Supports U-Disk
Ink Management	Identify ink type automatically and recommend the best printing parameter Original authentic HP ink cartridge guaranteed Automatic measuring system for ink consumption
Battery	2pcs standard rechargeable batteries with large capacity Each battery is comprised of three 2200mAh battery modules 11.1V-12.6V / >300 cycles / >7 hours About 4H(Depending on testing)
Certificate	CE, FCC



Two or four wheel options

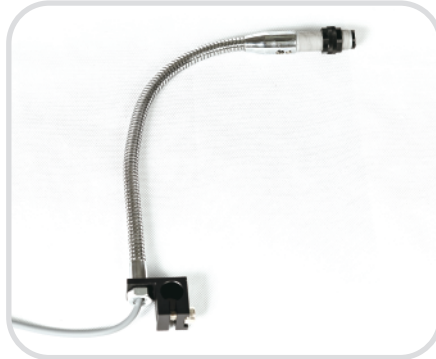


C Type Printhead

(Curve surface printing, suitable for curve and uneven surfaces; stretchable and independent printhead, printheads stretch 0-10mm according to printing objects.)

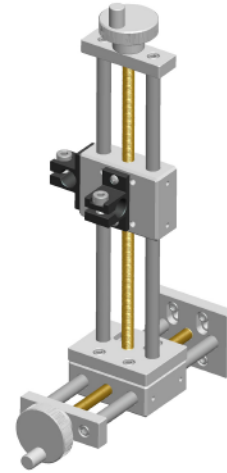
Photoelectric Sensor

(Configuration is adjustable at any angle, easy to install and adjust.)



Rotary Encoder

(Professional synchronizer fixed bracket, stable and easy to install.)

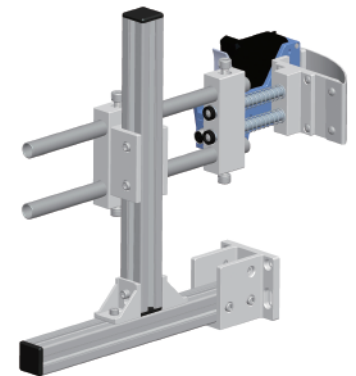


Dual-axis Adjustable Bracket

(XY dual-axis adjustable bracket, realize printing request of regular position adjustment.)

50mm Spring Mechanism

(Springback range $\pm 50\text{mm}$, professional anti-collision plate, suitable for all kinds of large printing objects.)



High Accuracy Adjustment Module

(High accuracy adjustable printing distance.)

