Ensuring the security of packaging and giving every business the most appropriate products and services for Marking & Coding, Automation of Garage and Industrial Doors and End of the Line Packaging for its needs: it was on the basis of these sound principals that we established Newjerssey Trading LLC in 1994 and we have never stopped improving to provide our customers with innovative solutions to their packaging requirements.

The company has been a pioneer in this region for Marking & Coding Systems which focuses on printing directly on the product, packaging and even directly on food. Automation of Garage and Industrial Doors which we represent MARANTEC which is prominent German Manufacturer and End of the line Packaging systems which includes Strapping System, Stapling Systems, Stretch Wrapping System, Shrink Wrapping System, Taping System etc.

**Hitachi UX2 Inkjet Printer**

**TIJ Printer**
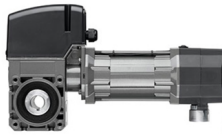
**Industrial Mobile Electronic Stamps**

**Laser Printer**

**Garage Door Operator**

**Sectional Door Operator**

**Steel Strap**

**Stretch Films (Hand & Machine Grade)**

# Continuous Inkjet Printer (CIJ/IJP)

CIJ/IJP printer is the short form for continuous inkjet printer. This kind of printing is primarily used for coding and marking of products.
In the technology of CIJ/IJP printers a pump directs fluid from a reservoir tank to one or more small nozzles which eject a continuous stream of drops at high frequency.

The drops pass through a set of electrodes which impart a charge onto each drop. The charged drops then pass a deflection plate which uses a field to deflect the drops which should be printed. Undeflected drops will be collected and returned for re-use.

The high drop ejection frequency of CIJ printers gives a capability for very high speed printing and is suitable for applications such as date coding on beverage cans, cable or packaging.

Substrates: Plastic, glass, metal, cardboard or directly onto food.

UX2-D160W

UX-E160W

UX-B160W

UX-D160W

| Item | | Small characters | | | UX2<br>UX2-D160W |
|---|---|---|---|---|---|
| | | UX-B160W | UX-D160W | UX-E160W | |
| Nozzle size | | 65µm | | | 65µm |
| Max. print line number | | Up to 3 lines | Up to 6 lines | Up to 6 lines | up to 6 lines |
| Maximum number of print characters | | Up to 240 characters | Up to 240 characters<br>(Option: Up to 1,000 characters) | Up to 1,000 characters | 240 characters (option: up to 1,000 characters) |
| Font<br>(Horizontal × Vertical) | 4 × 5 | ✓ | ✓ | ✓ | 1 to 6 lines (Short printhead option : up to 2 lines) |
| | 5 × 5 | ✓ | ✓ | ✓ | 1 to 6 lines (Short printhead option : up to 2 lines) |
| | 5 × 7(8), 9 × 7(8) | ✓ | ✓ | ✓ | 1 to 4 lines (Short printhead option : up to 2 lines) |
| | 7 × 10 | ✓ | ✓ | ✓ | 1 to 4 lines (Short printhead option : up to 2 lines) |
| | 11 × 11 | ✓ (Chinese only) | ✓ (Chinese only) | ✓ (Chinese only) | 1 to 3 lines (Short printhead option : 1 line) |
| | 10 × 12 | ✓ | ✓ | ✓ | 1 to 2 lines (Short printhead option : 1 line) |
| | 12 × 16 | ✓ | ✓ | ✓ | 1 to 2 lines (Short printhead option : 1 line) |
| | 18 × 24 | ✓ | ✓ | ✓ | 1 line |
| | 24 × 32 | – | ✓ | ✓ | 1 line |
| | 30 × 40 | – | ✓ | ✓ | 1 line |
| | 36 × 48 | – | ✓ | ✓ | 1 line |
| Character height | | 2 - 10 mm | | | 2-10mm (optional short print head: 2.0-6.5mm) |
| Display & input device | | WYSIWYG design<br>Display: TFT LCD (10.4" color), backlight provided<br>Input device: Touch panel, input sound provided | | | WYSWYG design<br>Display: 10.1" color TFT LCD, WSVGA(1024×600)<br>Input device: Touch panel, input sound provided |
| Screen language<br>( 2 languages selectable ) | | English, Chinese, Korean, Thai, Vietnamese, German, French, Dutch, Italian, Spanish,Portuguese, Swedish, Danish, Greek, Russian, Czech, Polish, Arabic, Serbian, Turkish, Hungarian, Bulgarian, Catalan, Romanian, Finnish, Norwegian, Slovenian | | | English, Chinese, Korean, Thai, Vietnamese, German, French, Dutch, Italian, Spanish,Portuguese, Swedish, Danish, Greek, Russian, Czech, Polish, Arabic, Serbian, Turkish, Hungarian, Bulgarian, Catalan, Romanian, Finnish, Norwegian, Slovenian |
| Maximum print rate<br>(Characters per second)<br>(Font 5x5, space 1, 1 line) | | Up to 1,148 (Option: Up to 1,281 *1) | Up to 1,148 (Option: Up to 2,563 *1) | Up to 2,296 (Option: Up to 2,563 *1) | Up to 1,538 (option: up to 3,076) |
| Standard characters | | Alphanumeric（A-Z, a-z, 0-9), symbols (27) and space: Total 90 | | | Alphanumeric(A~Z, a-z,0~9), symbols(27) and space: Total 90 |
| User pattern | | 50 patterns each for dot matrix | 200 patterns each for dot matrix (50 patterns for 30×40 and 36×48 fonts) | | 200 patterns each for dot matrix (50 patterns for Free size) |
| Print functions | | Calendar, Count, Font mixture | | | Calendar, Count, (Option: Shift code) |
| Barcode printing | | – | code39, ITF, NW-7, EAN-13, EAN-8, UPC-A, UPC-E,<br>code128/EAN-128, GS-1 DataBar | | code39, ITF, NW-7, JAN-13, JAN-8, code128/EAN128, UPC-A, UPC-E, GS-1 Databar |
| 2D code printing | | – | Data Matrix (Alphabet: 49 characters/Numerals: 98 characters),<br>QR, Micro QR code | | Data Matrix (Alphabet: 49 characters/Numericals: 98 characters),<br>QR code (Alphabetical characters only: 61, Numbers only: 101),<br>Micro-QR code (Alphabetical characters only: 11, Numbers only: 18) |
| Message storage capacity | | 150 messages | 300 messages [Option: Up to 2,000 messages (Depends on data content)] | 2,000 messages (Depends on data content) | 300 messages (option: up to 2000 messages) |
| Input signal | | Print target detection Rotary encoder pulse (NPN/PNP Selectable) | Print target detection, Printing stop, Rotary encoder pulse, Reciprocative printing,Remote control (Run, Stop, High-voltage ON/OFF, Reset), (NPN/PNP Selectable) | | Print target detection, Printing stop, Rotary encoder pulse, Reciprocative printing,  Remote control (Run, Stop, High-voltage ON/OFF, Reset), (NPN/PNP selectable) |
| Output signal | | Print ready, Fault, Warning (NPN Only) | Print in progress or Print complete, Online (NPN/PNP Selectable), Print ready, Fault, Warning (NPN Only) | | Print in progress or Print complete, Online (NPN/PNP selectable), Print ready, Fault, Warning (NPN only) |
| Data interface | | Option<br>(RS-232C at baud rates selectable up to 115,200bps) | RS-232C at baud rates selectable up to 115,200bps | | USB/RS-232 Converters at baud rates selectable up to 115,200bps |
| Ethernet (Modbus communication) | | – | IEEE802.3 , 100BASE-T | | Modbus, EtherNet/IP, OPC-UA |
| External memory | | USB for user data storage | | | |
| Printhead cable length / angle | | 4m (in-line/90 degrees) | | | 4m (in-line/90 degrees) |
| Operating temperature range | | 0-50℃ (1067K Ink) | | | 0~50℃ (1067K Ink) |
| Operating humidity range | | 30-90% RH (no condensation) | | | 30~90%RH (no condensation) |
| Power supply (Automatic voltage selection) | | AC100-120/220-240V±10% 50/60Hz 120VA | | | AC100~120/200~240V±10%, 50/60Hz |
| Approval | | CE, UL, cUL, RCM, FCC, ICES | | CE, RCM | |
| Dimensions (Width x Depth x Height) | | 400 x 320 x 527 mm | | | 460x425x534mm (Width×Depth×Height) |
| International protection | | IP55 | IP65 | | IP65 |

# Thermal Inkjet Printers (TIJ/Thermal IJP)

In thermal transfer digital print modules, the ink is contained in cartridges. Inside the cartridge, electrical micro resistors generate tiny steam bubbles, which burst to project the ink through a nozzle from above, in the form of droplets. Thermal ink-jet print modules are typically used for affixing batch numbers, expiry dates, barcodes, 2D codes, texts and all sorts of logos.

These devices don't take up much space, and are equipped with a special display to digitally monitor graphics. They can be used for marking directly onto the product or the product's label.

Substrates: Plastic, glass, metal, cardboard or directly onto food.

# Industrial Marking Stamps

Handheld inkjet printing stamps that marks documents and/or products simply and quickly. In additional to number, date, time and text, these devices can also print graphics and barcodes. It is also possible to print on non-absorbent surfaces such as metal and plastic. The stamps are mobile, handy and easy to operate. They come complete with their own software

**Jet Stamp - 970**

*jetStamp graphic* **970**
Barcode, Logo, Text, Datum, Uhrzeit und Nummer
**REINER**

**Reiner - 940**

Production Date: 2018-01-29 09:23
Best Before: Dec 2018
Charge No.: 12345678
1234456760

**Jet Stamp - 990**

CHARGE: 000002 PAYE 01.AVR 2029    12345678
01.02.25 15:50    30. APR 2029

## Technical Data

| Model | *jetStamp graphic* 970 *jetStamp graphic* 970 MP Page 4 | REINER 940 REINER 940 MP Page 5 |
|---|---|---|
| Prints number: | ● | ● |
| Prints time: | ● | ● |
| Prints date, text: | ● | ● |
| Prints graphic, barcode: | ● | ● |
| Print width: | max. 65 mm | max. 140 mm |
| Figure size: | up to 12.7 mm | up to 12.7 mm |
| Number of copies: | – | – |
| Inking standard: | Cartridge inkjet P-3S, black or magenta | Cartridge inkjet P-3S, black or magenta |
| Inking metal and plastic: | Cartridge inkjet P-3MP3, black (quick drying) | Cartridge inkjet P-3MP3, black (quick drying) |
| Visual display: | – | – |
| Noise level: | < 60 dBA | – |
| System of printing: | inkjet | inkjet |
| Triggering by: | button in the handle | button in the handle |
| Date setting: | via PC (software included) | via PC (software included) |
| For easy document positioning: | freely positionable | freely positionable |
| Variable Line printing: | multiline | multiline |
| Cover: | silver-grey | black |
| Dimensions L x W x H: Charging station: | 140 x 160 x 85 mm 155 x 140 x 30 mm | 47 x 147 x 221 mm |
| Weight: | about 520 g | about 530 g |
| Interface: | USB or Bluetooth | USB or Bluetooth |

### Stamp - 990

| | |
|---|---|
| Imprint: | Number, date, time, text |
| Prints from: | PCset |
| Display: | Display available |
| Dimensions (L x W x H): | 100 x 80 x 160 |
| Dimensions base station (L x W x H): | 115 x 145 x 35 |
| Weight: | Approx. 500 g |
| Character font: | 2 lines |
| Data transfer: | USB, Bluetooth, WiFi/WLAN capable |
| Storable print images: | 25 storable print images |
| Print technology: | Inkjet |
| Max. print area dimension (W x H): | 42 x 3,2 mm |
| Max. print speed: | < 1 s/imprint |
| Print resolution: | 96 dpi |
| Battery capacity: | 500 imprints |
| Color: | grey |
| Order No. | 990 000-000 | *jetStamp* 990 incl. case |

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# Laser Printer

Lasers can mark and process a wide variety of products, but there's no one-size-fits-all answer for every application. Fiber, CO2 and UV laser markers perform differently depending on the application and material.
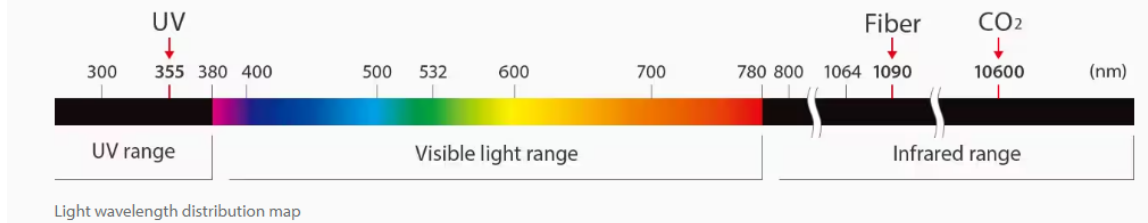Here's a brief overview of Fiber, CO2 and UV laser technology. We've also included some sample marking videos that highlight the strengths and weaknesses of each system.

Fiber, CO2 and UV Laser Basics

The most important difference between Fiber, CO2 and UV laser markers is the wavelength of light they produce.
Short wavelengths typically have more energy and a higher absorption rate than long wavelengths. As a result, a laser's wavelength affects its ability to mark certain materials.

The features of and marking examples for the different wavelength types are introduced below.

## SPECIFICATIONS :-

| LASER PRINTER | UV Laser Printer | Fiber Laser Printer | CO2 Laser Printer |
|---|---|---|---|
| Laser Power | 5W/10W | 50W | 30W |
| Wavelength | 355nm | 1064nm | 9.3 um |
| Control System Genuine Software | 10 inch High Speed Control System | High Speed Printing Control System | High Speed Printing Control System |
| Min. Character | ≥0.2mm | 0.015mm | 0.2mm |
| Min. Line Width | ≥0.1 | 0.01-0.2mm | 0.01-0.2mm |
| Marking Speed | ≤10 m/s | ≥5 m/s | ≥10 m/s |
| Net Weight | 110kg. | 65kg. | 65kg. |
| Working life | 50,000 hours | 100,000 hours | 50,000 hours |

# End of the line Packaging Material

Newjerssey is industrial packaging material and supply specialist with over 25 years of experience. Our strong relationships within the industry have been built over 2 decades of operation, and they allow us to offer some of the best prices available to our wholesale clients. Newjerssey provides our clients with best wholesale prices on Strappings, Tapes, Stretch wrap film, Packaging Tools & Machinery, Protective packaging etc.

## Strapping System

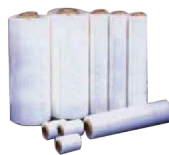| Composite Polyester Strap | PET Strap | Steel Strap | PP Strap | Carton Strapping Machine |
| --- | --- | --- | --- | --- |

## Stretch Wrapping System

| Stretch Wrapping Machine | Stretch Films (Hand & Machine Grade) | Stretch Wrapping Machine |
| --- | --- | --- |

## Stenciling / Taping System

| Stenciling Machine & Rollers | BOPP / PVC Tapes | Carton Taping Machine |
| --- | --- | --- |

## Stenciling / Taping System

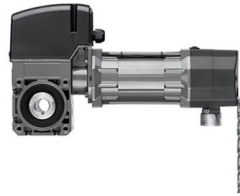| Battery Operated Machine | Tensioner & Cutter | Dispenser | Pneumatic Strapping Machine | Sealer | Tensioner | Seals & Buckles |
| --- | --- | --- | --- | --- | --- | --- |

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Newjerssey Trading L.L.C.

# Garage Door Automation



Garage Door Openers (Overhead): Motors used for residential sectional doors..

| Motor | Max. Push & pull force(Newtons) (Newtons) | Max. Travel speed (mm/s) | Max. Door Weight (kg) |
|---|---|---|---|
| Marantec Comfort 260 | 550 | 160 | 90 |
| Marantec Comfort 270 | 750 | 160 | 160 |
| Marantec Comfort 280 | 1000 | 160 | 200 |
| Marantec Comfort 370 | 850 | 235 | 185 |
| Marantec Comfort 380 | 1100 | 180 | 220 |



Industrial Sectional Door Motors (Side Motor): Motors used for residential and industrial sectional doors

| Motor | Nominal Voltage (V AC) | Max. Door Weight (kg) | Max. Door Surface Area (sqm.) | Protection Class |
|---|---|---|---|---|
| Marantec STA 1-11-19 | 4003/~ | 390 | 30 | IP65 |
| Marantec STA 1-12-19 | 4003/~ | 585 | 45 | IP65 |
| Marantec STA 1-7-19 | 230/1~ | 260 | 20 | IP65 |



Sliding Gate Automation - Outdoor gates and openers must be designed to withstand a variety of working conditions: rain, wind, cold and heat place high demands on the material and functionality. The use of high-quality, maintenance-free materials guarantees the longevity and trouble-free use.



Parking barriers and Bollards provide safe and reliable access to underground garages, parking areas and works entrances and allow authorized persons to enter in a matter of seconds.