



***National Coding Technologies***

*Complete Coding and Marking Solutions*

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# LOCATIONS



HEAD OFFICE | UNIT 5C/46 MILEHAM STREET, WINDSOR, SYDNEY NSW 2756

# ABOUT

## SUPPLIERS OF INDUSTRIAL INKJET PRINTERS

Industrial laser printers,  
Hi res printers,  
Desktop thermal printers,  
Thermal transfer printers,  
Conveyors, turntables,  
Carton tapers,  
Label applicators,  
Colour label printers,  
Label rewinders,  
ID Card printers,  
Card feeders,  
Hand Gun Printers,  
Bottle labelers,  
Desktop conveyors,  
Industrial conveyors,  
Printing Inks for C.I.J, D.O.D & High-res,  
Labels,  
Printing ribbon and other printer consumables.

## ALLIANCE PARTNERS

We have a wide range of alliance partners who can also extend our range of products to allow for a complete site management approach. For more information contact: [sales@nationalcoding.com.au](mailto:sales@nationalcoding.com.au)

## FINANCE PARTNERS

Finlease and National Coding Technologies have made it easy for clients to purchase machines. As a result, a dedicated team member, or specialist broker will personally look after you. With over \$350 million in finance arranged annually we have the skills and buying power to locate and negotiate the right finance. You will find us a breathe of fresh air compared to the banks.

[www.finlease.com.au](http://www.finlease.com.au)





## C2000

Within the EC-JET product range, the C2000 provides a complete solution for any coding requirement in today's market place.

This printer provides a fast, reliable non-contact form of coding onto a vast array of different substrates at high speed.

With the utility of printing batch codes, times/dates, logo's, serial numbers, and multiple lines of print are all at the touch of a couple of buttons with the C2000 printer.

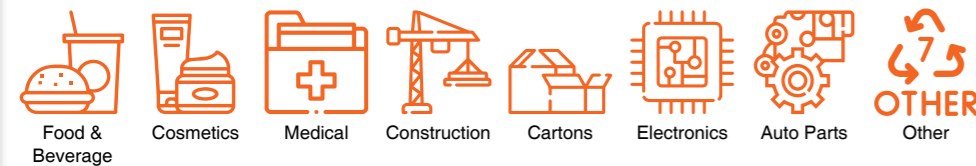
With a range of printer models to suit any specific market sector, combined with a wide range of inks for various substrates the EC-JET family is the ideal solution for fast, flexible coding.

Industrial Ink Jet is widely used in the pharmaceutical, cosmetic, food industries and other industries.

## ADVANTAGES

1. High speed printing of continuous inkjet printer keeps up with the fastest production environments.
2. Non-contact printing enables uneven and flexible surfaces to be coded.
3. Superior print head technology provides better drop placement and print quality.
4. CIJ printers can clean print head automatically.
5. The major advantages are the very high speed of ink droplets, which allows for a relatively long distance between print head and substrate, and the very high drop ejection frequency, allowing for very high speed printing.

## APPLICATIONS



Food & Beverage   Cosmetics   Medical   Construction   Cartons   Electronics   Auto Parts   Other



## DJ45 PLUS

The DJ 45Plus is an ideal digital alternative to valve jet and CIJ printers.

The inter includes two print head controlled capability and are GS1 barcode compliant.

The DJ45 Plus has a 7" touch screen with high standard software making the template creation simple, easy and functional to use.

These printers provide the best coding solutions with its TIJ 2.5 technology built into the printer.

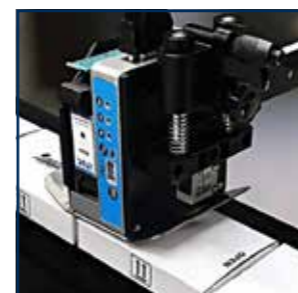
Other features include the anti-shock mechanism, versatility in software functions, user friendly, ample ports for connectivity, and gathering actionable data from across your production line.

## SPECIFICATIONS

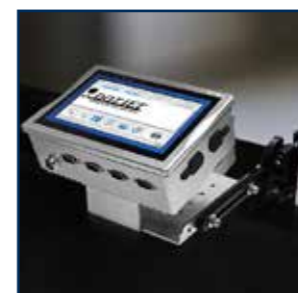
Technology	hpTIJ2.5
Power requirement	AC 110 – 220V, 50/60HZ
Display	7" Colour LCD with LED backlight
Operating temperature	5° C to 45° C (41° F – 112° F)
Controller operating system	Linux
Message storage	Up to 999 messages
Print head controlled ability	Two hp TIJ2.5 print heads
Print line	Multiple depends on character size
Print height	Selectable font size from 1mm to 12.7mm
Print speed	60m/min (water ink) 90m/min (solvent ink)
Max. print length	1m
Print resolution	Max. 600dpi x 600dpi / Regular 300dpi x 300dpi
Ink throw distance	Recommended 6mm
LED indicators	Ink low, print on/off
Print capability	Alphanumeric, logos, date/time, shift code, serial number, lot/box number, GS1 barcodes/2D code, database and 27 languages characters print, external data
User interface	WYSIWYG.
External data interface	RS232, USB, Ethernet, TCP/IP
Database print format	CSV
Particular features	My SQL database, print data collection, protocol control, image in database, multiple printer remote controller by DOTW_CM software
Print head data line	Standard 75cm, maximum 200cm
Weight	Controller 820g (excludes bracket)
Dimensions (L/W/H)	Print head 380g (excludes cartridge and bracket) Controller: 205x140x68mm / 8.1x5.5x2.7inch Print head: 130x115x94mm / 5.1x4.5x3.7inch
Optional	Encoder, bulk ink supply, backstage analysis/manage software



DJ-1



DJ45X



DJ45 PLUS

## APPLICATIONS



Cartons   Bags   Folded Cartons   Tags & Labels   Pouches   Thermo-formed Trays   Pharmaceutical





## UCS

The UCS is a multi-head thermal transfer coder which has a 300DPI print head, therefore, the printed pictures (logo, and texts) are of similar with the offset printing.

Additionally, there are multiple languages to choose from to adapt to whichever region of the world it is being used in.

Overall, the UCS is a great low operation cost printer which can be utilised around the world for many purposes. With a range of printer models to suit any specific market sector, combined with a wide range of inks for various substrates the EC-JET family is the ideal solution for fast, flexible coding.

Industrial Ink Jet is widely used in the pharmaceutical, cosmetic, food industries and other industries.

## SPECIFICATIONS

Print Resolution	300DPI
Print Area (mm X mm)	32 X 32
Print Speed (mm/s)	Up to 225mm/s
Print Frequency (times/minutes)	60-100times/minute)
Ribbon Size (Roll)	33mm X 450m
Software Interface	RS232
Print Input	Print trigger
Print Output	Print, Warning, Fault
User Interface	Monochrome with 3.5" blue backlight LCD Colour touch screen with 2 USB port PC direct Content Preview Warning and error indication Image Rotation (0°, 90°, 180°, 270°) LOGO, Complex text Front Selection Random, serial numbering, customised code Real time and date

### Print Body Features

Weight	24kgs
Print Body Size (mm)	600 X 280 X 250
Power/Air Supply	220-240V
Operating Environment	Temperature: 0-40°C



THERMAL RIBBONS

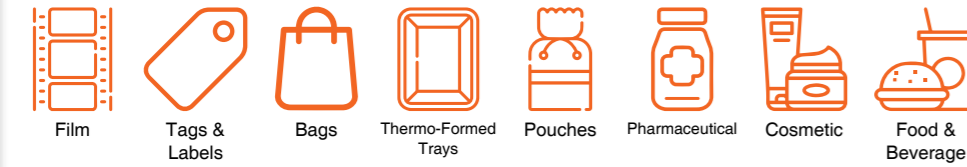


EC200 HANDGUN



EC800

## APPLICATIONS



## LASER

Laser coding technology is widely used in many manufacturing sectors today due to several key factors it options including, it is very clean, efficient, high reliability, high speed, no after-market consumables, clarity of coding, printing of fonts and graphics.

There are two different laser options to suit all your needs (co2 tube laser, and fibre laser).

Co2 laser is a high-speed, stable performance, adjustable power, applicable to most non-metal materials, (PET, card, plastics) all points addressable coding for high quality printing options.

Whereas, fibre laser is providing an industrial solution for product identification and traceability. Fibre Laser marking systems allow manufacturers to mark serial numbers, bar codes, 2D data matrix and graphics on the widest variety of materials, including metals, plastics and ceramics.

## ADDITIONAL INFO

Laser also can be applied on food, beverages, tobacco, electronic components, pharmaceuticals, ceramic wares, automobile parts, electrical wires, cables, arts and crafts, and rubber.

Other features include the anti-shock mechanism, versatility in software functions, user friendly, ample ports for connectivity, and gathering actionable data from across your production line.



UV LASER

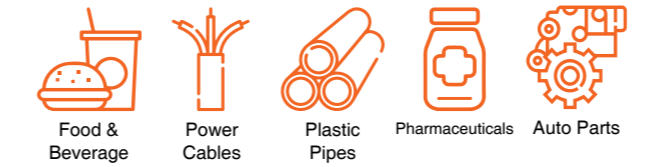


CO2 LASER



FIBRE LASER

## APPLICATIONS





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