

WHAT IS CONTINUOUS INK JET TECHNOLOGY?

CONTINUOUS INK JET (CIJ) PRINTING WORKS BY EXPELLING ELECTRICALLY-CHARGED INK DROPLETS FROM A PRINTHEAD NOZZLE AND PASSING THEM THROUGH AN ELECTRIC FIELD.

Each ink droplet is tiny – just half the diameter of a human hair – and up to 120,000 of them are expelled every second. Because it's a non-contact printing method, CIJ is versatile. It can print on most materials, regardless of porosity, size, shape or texture. What's more, its solvent-based ink dries instantly, so it's perfect for printing onto products as they move along the production lines. CIJ is used mainly to print variable information on individual products – such as dates, times, specific text, batch codes, product names and logos. This is particularly useful for providing traceability data and for complying with increasingly strict industry legislation.

LINX

AUTHORISED PARTNER

Linx 8900 Range

MAXIMUM EFFICIENCY – MINIMAL EFFORT



- ▶ Up to 5 lines of text, numbers, barcodes and QR code
- ▶ Extended service intervals up to 24 months
- ▶ Large, colour touch-screen with easy to use icons
- ▶ IP55 and IP65 variants
- ▶ Simple one-touch fluid cartridge refills – no mess, no mistakes
- ▶ Self-service module for servicing in minutes with no engineer visit
- ▶ Accurate, real-time output measurement on screen
- ▶ Downloadable output logs for quick and accurate reporting
- ▶ Carton coding 20mm high option
- ▶ Advanced System Monitoring – for reliable coding for longer

KEY BENEFITS

Can print on almost any materials – at most speeds, and downward, side on or from underneath/and in any orientation

Good printing tolerance – even when surfaces are not flat or still (eg. wobbling bottles), and are 10mm or more away from the printhead

Relatively low capital costs

Range of inks available – including low evaporation, low taint and a wide spectrum of colours

Linx 7900 Range

VIRTUAL MANAGEMENT – FOR EFFORTLESS PRODUCTIVITY



- ▶ 18-month warranty*
- ▶ Service intervals up to 18 months*
- ▶ Impressive versatility – code up to 5 lines, print graphics and barcodes including Data Matrix
- ▶ Create codes using a wide range of pre-defined formats
- ▶ Customisable date formats
- ▶ Stainless steel enclosure with minimal dirt traps and IP55-rating – with IP65 option suitable for a wide range of production environments
- ▶ Sealed printhead with a valve system for clearer, cleaner startups, even after extended shutdowns
- ▶ Intuitive, colour interface with WYSIWYG display
- ▶ Large message store, USB message copy and transfer
- ▶ Built-in web server for remote control and monitoring – no need for additional software

Linx CJ400

PORTABLE, PRODUCTIVE PRINTING – EASY TO USE AND MAINTAIN



- ▶ Fast, simple set up
- ▶ Print up to 3 lines of information onto almost any porous or non-porous surface
- ▶ IP53 enclosure – suitable for most environments
- ▶ Quickly set up and change printed codes with a intuitive touch-screen interface
- ▶ USB port for message back-up and transfer
- ▶ Sealed printhead incorporates a valve system for clearer, cleaner startups, even after extended shutdowns
- ▶ Easi-Change® Service Module – DIY servicing in minutes without complicated manuals, and no working mechanical parts thrown away
- ▶ Ergonomically designed – weighs just 13.5kg making it easy to carry between lines



*Excludes Spectrum/FG variants.

WHAT IS CASE CODING?

Case coding is used specifically to print large character codes onto a range of outer cases and secondary packaging. Linx uses both piezo inkjet and thermal inkjet technologies across its range to match your varied requirements.



Linx IJ355/IJ375

HIGH QUALITY CASE CODING

- ▶ High resolution printing of graphics and logos, and large character, variable codes
- ▶ Robust nozzle protection for optimum printing performance
- ▶ Up to 70mm printing height capability with speeds of up to 33m/minute
- ▶ A wide range of printing capabilities including barcodes, Databar, Data Matrix and QR Codes
- ▶ One ink canister produces tens of thousands of prints
- ▶ Quick and simple, mess-free refills with no downtime
- ▶ Controlled operator user levels for elimination of coding mistakes

KEY BENEFITS

- Clear and crisp text and graphics with high resolution printing
- Lowered production costs by removing labels and reducing SKUs on pre-printed packaging
- Reduced cost per print by reducing ink wastage
- Error-free coding to maximise uptime and reduce wasted product

WHAT IS LASER?

Laser coders use a concentrated beam of light, deflected by mirrors through a lens to form characters. Codes are permanent and the integrity of the packaging is maintained. Material or coating is either removed from the substrate – such as the top microns of ink from paper packaging to reveal bare card beneath – or the chemical nature of the packaging is changed to leave a mark or colour change. Ideal for high speed, high volume applications.



Linx SL1

FAST, FLEXIBLE AND COMPACT

- ▶ 10W compact CO₂ laser coder
- ▶ Print multiple lines of text and logos in one message, mixing text, logos and machine-readable codes
- ▶ Easy installation in tight areas thanks to a compact design, multiple mounting points and down or straight shooter options
- ▶ Choice of four lenses offers a wide range of marking fields, allowing for coding of larger areas, at faster speeds, or to code onto the product at a greater distance

KEY BENEFITS

- Efficient, precise and high-quality coding and marking
- Cleaner and easier to maintain – no fluids or consumables
- Minimal running cost and downtime
- Codes on the fastest production lines
- Durable equipment which lasts longer
- Code and mark onto a wide range of materials and large surface areas
- Indelible codes eliminate the risk of unauthorised removal or counterfeiting
- More environmentally friendly – no storage and disposal of hazardous / flammable solvents



Linx SL102

LOW COST, VERSATILE LASER CODING

- ▶ 10W CO₂ laser coder
- ▶ Low power version for cost effective coding of more basic and lower speed applications
- ▶ Designed to code a wide variety of materials – economically
- ▶ Multiple lens and beam delivery options provide more flexibility in coding and product installation
- ▶ Reduces running costs with a 45,000' hour tube life – the longest on the market



Linx Fibre Laser

SIMPLE INTEGRATION INTO BOTH MOVING AND STATIC LINES

- ▶ Fibre laser technology for permanent coding on a wide range of materials
- ▶ Fine spot size for high quality codes
- ▶ Codes large amount of info onto a small area
- ▶ Air cooled for increased efficiency and less maintenance
- ▶ Laser tube life of over 100,000 hours.

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