



At last a rugged, high definition, high speed industrial inkjet coder at a sensible price!

- The LC2 prints high-definition characters up to 48mm high using an all-metal, ruggedly designed solid-state print head that carries an unmatched 3-year warranty.
- The LC2 uses two specially formulated non-hazardous inks to meet a wide range of coding requirements:
 - LC2 Coder™ ink is designed to spread along the fibres of paper, kraft and recycled board, giving the maximum surface coverage for the minimum ink usage. Ideal for outer-case coding with solid character sizes up to 48mm.
 - LC2 ColourFast™ ink is formulated to provide sharp, high contrast, colourfast and waterfast solid characters from 3mm to 25mm and up to 48mm high open characters. Ideal for coding timber, building products or for producing small, high quality multi-line printing on trays and cases.



Trays



Outer cartons



Domestic materials



Construction products



INKJET
SYSTEMS



Key user benefits:

Multi Line print capability from a single print head, up to 4 lines

2.5mm to 48mm (LC2 ColourFast)

Print throw distance up to 20mm

Very high speed capability up to 300m/min (1000 ft/min)

All metal print engine construction, with replaceable stainless nozzle plate

Solid state design means no wearing parts

No re-calibration required to maintain optimum print quality

No need to stop printing when replenishing ink

No high ink pressures

No factory air required

Little or no maintenance required

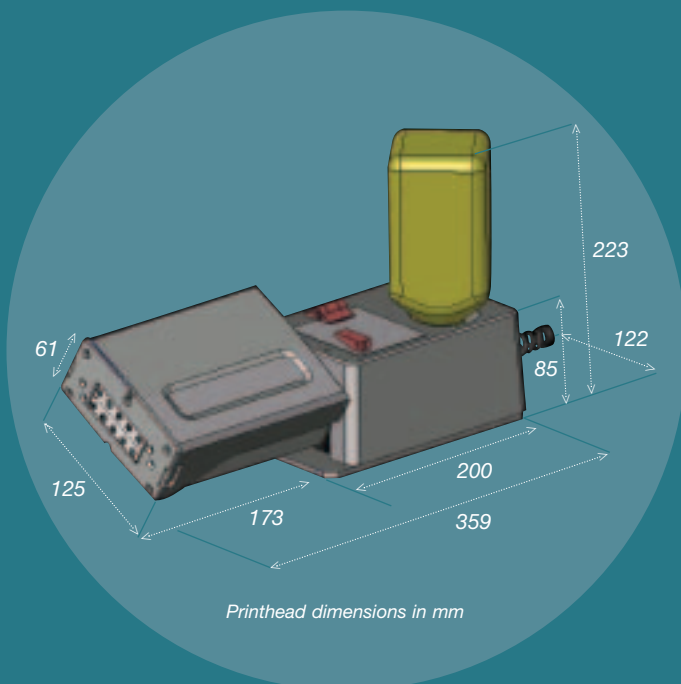
No spare parts required

No cleaning solutions or make up solutions required

Up to 4 million 48mm high characters per 500cc of ink

Non toxic, non odour and non flammable ink range

3 Year unmatched product warranty.



LC2 Technical Summary

Image Height:

7mm to 48mm - LC2 ink (90° Angle)

2.5mm to 48mm - colourfast ink (15° to 90° Angle)

Print Resolution:

Vertical: 25mm high characters - 96dpi

48mm high characters - 48dpi

Horizontal: 100dpi up to 300dpi

Number Of Addressable Channels: 32

Number of Orifices: 7 Per channel

Max Lines of Print: 4

Max Speed: up to 300m/min

Print: Side On Orientation (Lite configuration)

Down, Up or Angled (umbilical configuration)

Controller: Can be driven from the standard IP9000 or the IP9000 Graphics controllers

Number of Print Heads: 1 or 2



Controller

Menu driven software

Built in keyboard and display

Wall or bench mounting

Non-volatile memory for message/parameter storage

250 message library

8 opto-isolated inputs for external message selection

8 opto-isolated outputs

Shaft encoder and product detector inputs

RS232 Serial Port

Optional 2nd RS232 Serial Port

Optional Centronics Parallel Port

Switch mode Power Supply (UL, VDE & BS approved)

All electrical I/O fully isolated for maximum noise immunity

Ink and Ink Supply System

Non pressurised ink supply system

Plug-in disposable bottle (500cc & 125cc)

Ink replacement whilst printing

Low ink warning

Smart-prime™ unique quick purge facility

Ink type: Oil based non-hazardous, non flammable

Various formulation for different surfaces

Standard Software Features

5, 9, 14 and 32 dot fonts (1,2,3, or 4 lines of text)

Bolded print

Inverted and reverse print

Product and batch counters

Real-time clock including Year, Month, Day, Day or week,

Julian day, Julian Week, Alpha day (e.g. SUN), Alpha month

(e.g. AUG), Hour, Minute

Automatic date offset (for Best Before coding)

Programmable 'roll over' time for shift changes

Barcodes (including human readable characters)

Logo (permanent)

Images (user programmable logos)