i500 Large Character Ink Jet Printer

The Codeology **i500 large character ink jet printer** is designed to print easily-legible large character print on cardboard boxes, shrink-wrap, timber, bricks or blocks. It will print sell-by dates, batch information, counts, production dates and any other variable or fixed information. With the built-in real-time clock it can automatically calculate sell-by dates and Julian dates required in the food industry.

The i500 is a stainless steel, modular inkjet printer designed for ease of use and reliability in today's 24/7 factory environments.

It can print from one to eight lines of print on one or both sides of a product, in a mix of single or double-height fonts.

Whether controlled from either an integral Hand Controller, a removable Hand Held Controller or completely remotely via the Ethernet or RS232 interfaces, operation is simple.

With today's multi-ethnic workforces from all parts of the EU it is by no means certain what language the operators will know, so a simple Tick and Cross menu system on the Hand Controller is used to enable easy training and understanding.

Print message editing uses the same method as mobile phone texting, allowing a small number of keys to call up the entire alphabet with ease. Training your operators to edit print messages is not difficult, as most operators are already comfortable with texting methods.

Single line or twin-line low-profile print heads allow the heads to access the products even when mounted inside case tapers or machinery. Our smallest print head is less than 25mm high yet can still print a 20mm high character.

Print heads are available with or without an integral hand controller for maximum flexibility.

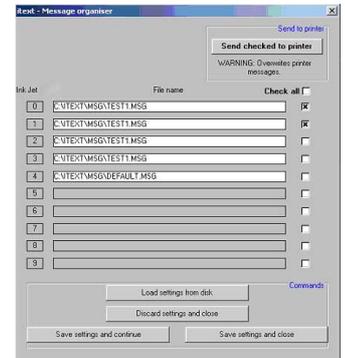**Let us demonstrate the i500 on your production line. Contact us for further details.**

Features

Mechanical/Electrical
- Print heights from 10mm to 63mm, single height or double height fonts
- Print speeds up to 30 metres per minute standard (60 on request)
- Heads can print horizontal, vertical and obliquely on angled conveyors
- Self contained air pump, only needs mains electricity
- Modular design means any component can be changed in less than 30 minutes
- Stainless steel throughout as standard, no rust or paint to flake

Operation
- Automatic shift, time, date and Julian date printing with leap year compensation
- Automatic sell-by date calculators (days or months as standard, specials on request)
- Prints on one or both sides of a product from one controller
- Up to 100 messages stored internally (unlimited storage with Ethernet and PC software)
- Various control options; no keypad, integral keypad ,remote keypad or remote PC control
- Share one hand controller amongst multiple machines to reduce cost and increase security
- Password protection is available so you can enable operators to select the print message but only supervisors can alter them.

Ink
- Water based ink for porous surfaces and solvent based for shrink wrap, bricks, blocks, plastics, timber and coated board
- 5 litre easy-change ink container for maximum uptime
- Inks available in black, red, blue and green

Options
- High speed valves for operation up to 60 metres per minute
- Ink level detect system for relay output of low ink level
- Shaft encoder input for variable speed or stop/start conveyors
- Opto-isolated inputs for remote message selection from PLC's
- Ethernet connectivity option with iText control and data logging software

What else can Codeology offer?

Codeology manufacture a wide range of ink jet printers including the ip600 waterproofed to IP65. We both sell and hire any of our machinery. In addition we manufacture industrial computers, print and apply labelling machines, bench top printers, applicators, ribbons and labels (both blank and pre-printed) for the retail supply chain.