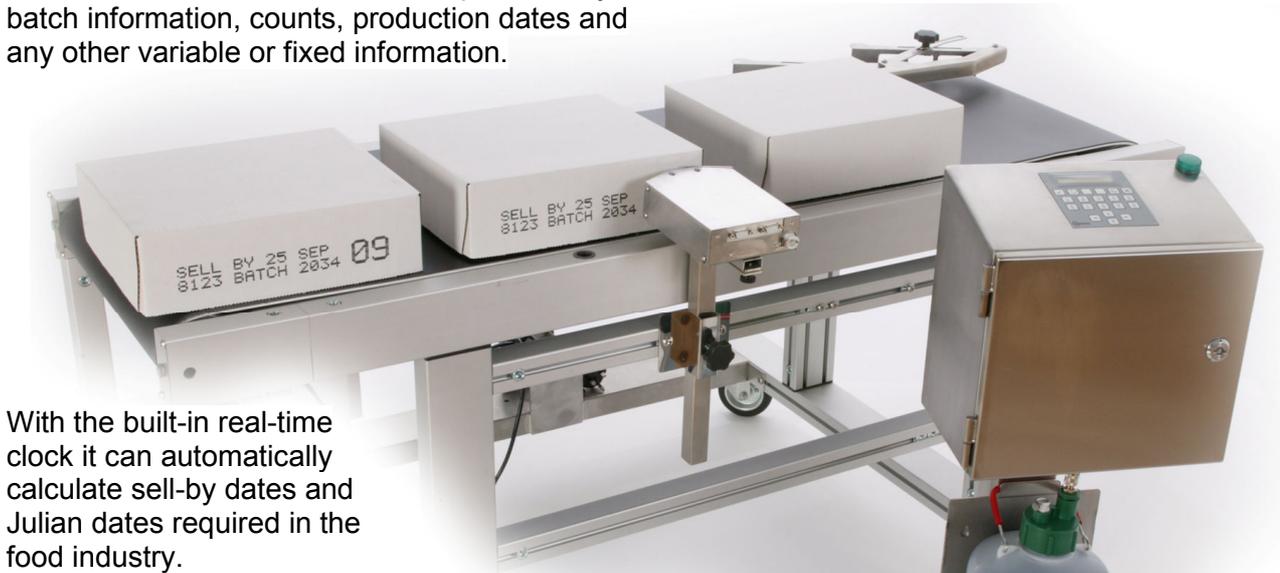


## ip600 IP65 Waterproof Large Character Ink Jet Printer

The Codeology **ip600 large character ink jet printer** is designed to print easily-legible large character print on cardboard boxes, shrink-wrap, timber, bricks or blocks. It was specifically designed for arduous environments like wash-down areas, particulate filling lines, flour mills, cold stores, cement packers or outdoor packing plants.

Ideal for dairies, creameries, fish packers or brick and breeze-block manufacturers, 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 ip600 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 and in a variety of font heights from 10 to 90mm.



All electronics are enclosed in the single robust IP65 stainless steel cabinet, the only external parts are the ink bottle and the print head. The printer is available on a stand (as shown) or wall-mounted, and with or without an integral waterproof keypad.

Requiring only mains electricity, no mains air is required as the internal low-pressure pump supplies all the necessary air. This reduces health and safety issues associated with fluid containers pressurised from mains air and means it is impossible to burst ink containers by over-pressuring them.



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.

**Let us demonstrate the ip600 on your production line. Contact us for further details.**

## Features

### Mechanical/Electrical

- Standard print heights from 10mm to 63mm, single height or double height fonts (specials up to 90mm for concrete block marking)
- Print speeds up to 30 metres per minute standard (optional 60)
- 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
- IP65, can be washed down

### 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 via Ethernet
- 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 for coding and marking, including the i100 entry level system for the retail supply chain. 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.

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