

## Ink jet printing: Jaime 1000 S4 Plus printer

### Product Summary

With literally thousand of applications world wide, the Jaime 1000 S4 range stands out as the most reliable and versatile ink jet printer in the world today. The Jaime 1000 S4 Plus model offer a new operator friendly WYSIWYG interface.

### Key Features

#### More printing configurations.

The Jaime 1000 S4 Plus printer can use any Imaje printhead and ink.

Dynamic information from 1 to 8 lines with character height up to 20 mm, high resolution, low or high speed, on any surface, spaced markings with 2 printheads, simultaneous markings on 2 conveyors..., Jaime 1000 S4 Plus gives easy access to all possible marking configurations, thanks to the advanced architecture of the Jaime range of ink jet printers.

#### A better convenient use.

The Jaime 1000 S4 Plus printer is equipped with a large WYSIWYG screen. The programmed messages can be totally seen before printing, whatever the combination of texts, logos, barcodes or graphics. The data input is simple, by the use of full QWERTY keyboard, just like a PC. Best of all, to facilitate world-wide use and to improve the operator/machine dialogue, the Jaime 1000 S4 Plus works with pop up menus in any language(Occidental, Asiatic, oriental, Arabic,etc.).



#### More compatibilities for a better quality.

The Jaime 1000 S4 Plus is totally compatible with any DOS based PC, with an RS 232 connection. The Jaime 1000 S4 Plus is very versatile. You can take advantage the many features and capabilities of any commercial PC. Printing of non-standard personalised messages, network installation, specific routines by smart cards. If you can do it on your PC, you can do it on the Jaime 1000 S4 Plus. The Jaime 1000 S4 Plus is now the most reliable, easiest to operate and versatile ink jet printer available to control the marking of industrial production.



## Technical specifications and standards

### Printing possibilities

- Autodating, barcode, shift code, logotype, personalised graphics...,
- Alphanumeric alphabets: Latin, Arabic, Chinese, Hebrew, Katakana...,
- Lower case or capital characters on 1,2,3,4 lines,
- Available matrices: 5, 7, 9, 11, 16, 24, 48 dots,
- Single or twin head machine,
- Mono or bijet printhead.

### Operational characteristic

- Automatic start/stop procedure,
- QWERTY keyboard
- WYSIWYG display, 200 X 640 dots screen, pop up menus,
- Many languages available for the operator/machine dialogue,
- RS232 interface, internal speed: 38400 baud,
- Centronics interface,
- Messages library, autodating and integrated counter,
- Specific program extension with a PC MCIA card.

### Ink Circuit

- Ink tank: 1 litre of ink, 1 litre of additive
- integrated system of solvent vapour reduction
- viscosity and ink jet speed control
- automatic nozzle unblocking
- automatic pressure control.

### Physical characteristics

- Stainless steel structure,
- cabinet: H = 1045 mm, L = 463 mm, W = 340 mm, umbilic length = 3 m.

### Environment

- Printer electrical supply: 100-120 V, 200-240 V
- power 350 VA
- frequency: 45 to 60 Hz
- temperature: from 0 to 50 °C
- humidity: 10 to 90% without condensation
- level difference between head and machine:  $\pm 2$  m
- solvent vapour emission far less than 200 p.p.m.

### Industrial standards

- Radio standards: VDE 0871 class B, FCC. CEI-801- 2 level 4 (electrostatic discharge). CEI-801 - 3 level 3 (mains interference's). CEI-801 - 4 (conducts interference's),
- safety standards: UL, CSA and GS according CEI 950.