

GENERAL TECHNICAL CHARACTERISTICS

BASIC CAPABILITIES

- Technology: thermal transfer ribbon (or directly onto thermal paper).
- Printing speed: up to 500 mm/sec.
- High printing resolution (300 dpi).
- Ribbon-saving device.
- Different kind of applicators.

PRINTABLE TEXTS

- Texts with alphanumeric characters with a programmable height from 1 to 70 mm.
- Arial standard internal fonts; Windows TrueType fonts. Normal, bold, italic. Positive and negative printing.
- Symbols and characters UNICODE in the various languages (UTF-8 code).
- Bar-codes: EAN-13, EAN-8, EAN-128, UPCA, UPC-E, 2/5 Interleaved, Code 32, Code 39, Code 128 (A, C), ITF-14, Paraf, HIBC43, Binary.
- 2D codes: Datamatrix and PDF417.
- Graphics: Bit-image transmission type black/white with Eidos compression for the best use of the memory. BMP, PNG, TIF, JPG, PCX.
- Text orientation in the four quadrants.
- Text highlighting for allergens and ingredients to be printed. This function needs EASYCODE® "reduced" or "database" version.

ELECTRONIC UNIT

- 5.7" colour graphic display with touchscreen.
- ARM microprocessor. SMD technology with program and texts recorder in Flash memory.
- RS232 port.
- ETH-LAN port to connect Ethernet LAN 10/100.
- USB HOST port to manage a USB mobile memory and Flashreader devices.
- Possibility of connecting to Wi-Fi using an optional external adaptor.

SYSTEM CONFIGURATIONS

Stand alone.

The printer can function also if not directly connected to a computer. The data is stored in non-volatile memories. New texts can be inserted in the printer by means of a USB memory card.

On Line.

The connection with an external processor can take place in three ways.

- Serial connection type RS232 (to be programmed until 115.200 baud). RS422 optional.
- Ethernet type connection by ETH-LAN integrated port.
- Wireless connection type 802-11g via external adaptor.

LOGIC SIGNALS INTERFACE TO A PACKAGING MACHINE

- SYNC-24: synchronism digital signals.
- Fully opto-isolated logic signals (4 inputs and 4 outputs) and of the passive type (not powered) at 24 Vdc.

SOFTWARE TO MANAGE THE PRINTER

EASYCODE® is a powerful software designed by Eidos in a Windows environment to allow setting, memorisation, modification and printing of texts. The printer also interfaces with all the other leading label creating

programs (CODESOFT®, LABELVIEW®, EASYLABEL®, NICELABEL®, BARTENDER®, BARONE®) by way of a SATO and ZEBRA ZPLII type emulator.

R.F.I.D.

The new Printess machines are set up to encode "smart-labels" (tags). After it is printed, the label is brought onto the applicator pad and then coded in radio-frequency. The label is read for verification purposes and, in the case of error, rejected (by means of an incorporated

rejection device). The label is then applied automatically onto the object (pallet) and checked a second time. The code conforms to the most recent standards for UHF tags (EPC Global Class1 Gen2).

EXTERNAL POWER SUPPLIES

- Electrical: 220 V ca 50 Hz or 110 V a.c. 60 Hz.
- Power: 350 VA max.
- Compressed air: 6 Bar regulated, de-lubricated and filtered.
- Peak consumption: 40 L/min.

ENVIRONMENTAL CONDITIONS

- Environmental temperature: from 5°C to 40°C.
- Relative humidity: from 10% to 70% not condensing.

SAFETY REGULATIONS

The system complies with the provisions of current regulation regarding "Machine safety" and CE marking.

For further information, please visit: www.eidos.eu