

Z1




**SO SMALL
SO BIG**

Z1, a precise, clean and reliable Thermal Ink-Jet system. The perfect combination between high quality marking and no maintenance. All in one click!

ALL IN ONE CLICK

Z1, the “smart printer” for complex and high resolution coding, prints in a precise and clean way.

Simple and smart

Zanasi Z1 TIJ system is **easy to use**: it combines the control unit and **the ink cartridge, which is replaceable in a few seconds**, in a reduced space. The ink level indicator avoids ink waste. Z1 guarantees a uniform quality printing and high performances.

Versatile and easy to integrate

The innovative high-performance Z1 “smart printer”, **small and compact**, allows downwards, **sideways and lateral (with a rotation from 0° to 90°) coding**. The light and handy stainless steel structure weighs only 570 grams, and this, together with a sensor for product detection, guarantees its easy integration on all production lines.

Quick, precise and adaptable to any application

High definition print (**900 Dpi horizontal - 600 Dpi vertical**) up to 12,5 mm (0,5”) height at a 90 mt/min (295 ft/min) speed. The perfect choice to guarantee a **high quality printing** of barcodes, logos and alphanumeric texts on primary and multiple packaging, both on porous and non-porous surfaces (paper, cases, flexible film and labels).

Integrated sensor for product detection



Perfect adhesion and high contrast for a well-defined batch and expiry date coding.



High definition coding combining alphanumeric symbols and datamatrix for a perfect traceability.

TECHNOLOGY AT HAND

A simple USB key and a handy control panel to manage printing directly from the printhead.

No maintenance

Z1 system is **maintenance-free**. It just requires a quick and clean cartridge replacement, without any technical training. No wear problems and no missing spare parts: **every time you'll change the cartridge, you'll have a new printhead**. The cartridge is equipped with a chip for ink recognition and automatic setting.

All in ONE

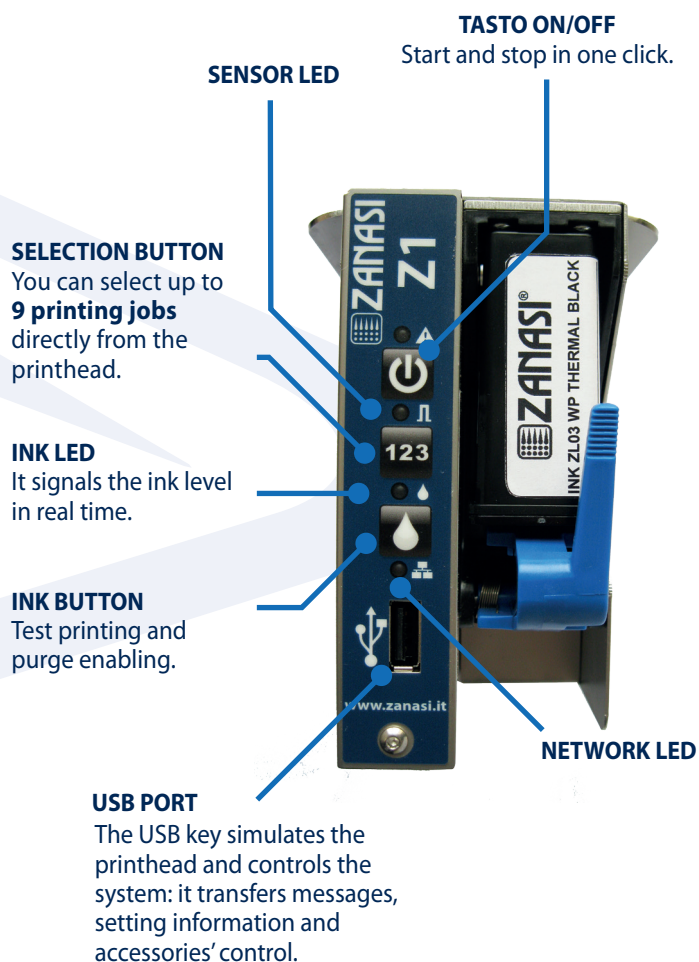
So small: both the control unit and the ink cartridge in a reduced space.

So big: printhead built-in quick commands, ethernet port for network management, multiple connections for accessories and external devices.

With a simple connector (15 pin) it is possible to connect power supply, encoder, additional photocell, an external printing start signal, and to interface the printer with the optional Touch Panel Controller.

Smart Printhead

Equipped with a control panel for managing printing directly from the printhead.



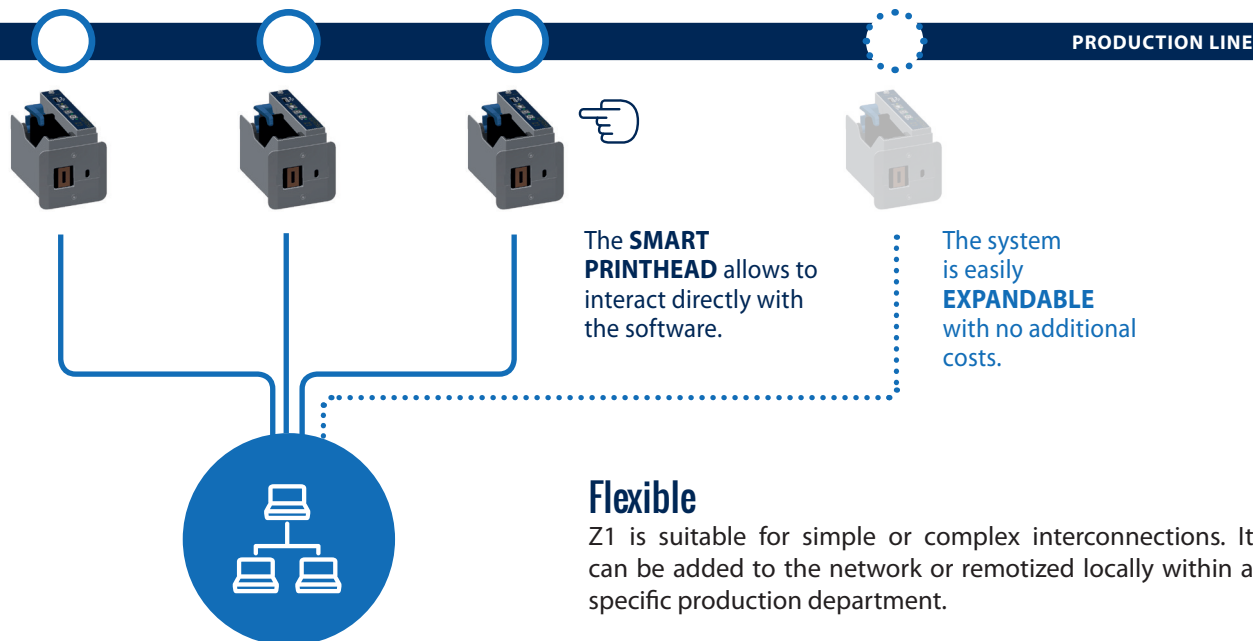
Precise and clean coding also on hard materials.



Printing on multipack and paper cases.

EXPANDABLE AND MODULAR

Z1 solution allows to fit new systems in the production line, easily and without additional costs.



Remote management

Z1 can be managed and controlled remotely through the **Z1 Remote Manager** proprietary software, a powerful and intuitive software that can be installed on all PCs and (Windows® based), for creating and editing messages in real time and controlling remotely dozens of printheads .

It interacts with your world

The control unit can be **connected with the company network**, and allows to transfer data through serial port, ethernet port for network connection (LAN) and USB port. Thanks to its multi-connectivity, Z1 integrates with all the devices operating on the production line.

SOFTWARE



Less mistakes, more productivity.

The editor is designed to simplify and automate the creation of standard codifications, limiting data entry to the variable field. Each message will be parametrised and memorised according to the specific needs of the production process. The connection to IT company systems allows to use database fields and external fields. **It speeds up message creation and reduces codification errors.**

Visible everywhere

News!
The user is free to work everywhere. The application is equipped with a **web interface** containing the principal functions. It is accessible through browser by using the system's IP address, and without having to install the proprietary software.