# NC128

www.gencode.it

- Piezo inkjet technology
- Resolution: 180 dpi
- Number of dots: 128
- Print speed: up to 35 m/min
- Print height: 17.4 mm
- Drop size: 80pl
- Binary print
- With ink recovery

**ECO**
Low ink consumption

## Description

**NC-128** is a high resolution printer designed to print barcodes, texts, logos, dates and any other type of information on porous and on non-absorbent surfaces.

With a superior number of interfaces it can be easily integrated in any production line and connected to many devices (scales, scanners, LAN, BCD).

With the ink system (**SINK**), purge operations are carried out without waste of ink.

The ink is recovered and reused thus **reducing ink consumption**.
Savings compared to standard systems can be up to 50%.

The new *NetCoder* technology allows the system to be totally **modular**.

The simple and intuitive **touch screen** console can control up to **four print heads** simultaneously.

**User friendly interface.**
The colour 12" display and the touch screen together with the **IconTouch** interface makes it easy to setup and operate.

**Coding and marking of products and packaging.**
The software allows to code products with a wide range of variable fields.

**High resolution printing.**
With a vertical print resolution of 180 dpi, **NC-128** realizes very high quality prints.

**Wide packaging customization.**
High resolution digital printing creates any kind of logo, any kind of barcode and text, reproduces high definition images and photos, customizes and makes pleasant any packing material.

## Print Samples

# Technical specifications

### Applications
- High-resolution printing of text, graphic, barcode.
- Wide customization of secondary packaging.
- UV inks to print on non-porous surfaces, MOF (Mineral Oil Free) ink for porous substrates.
- Ideal where high definition texts, barcodes, images are required to highlight and identify the packaging.

### Printing specifications
- Print technology: piezo ink jet.
- Vertical print resolution: 180 dpi.
- Max printing speed: up to 35 m/min @180 dpi.
- Print height: 17.4 mm.
- Print length: 5000 columns equal to about 700 mm @ 180 dpi, 1400 mm @ 90 dpi.
- Barcodes supported: EAN 13, EAN 128 (A, B, C), CODE 39, UPC-A, CODE 128 (A, B, C), ITF (Interleaved 2/5), ITF 14 and 2D barcodes (PDF417, MaxiCode, Data Matrix, QR Code).
- 200 hypertexts for each message file.
- Any font installed in the operating system and accepted by the software can be printed.

### Electrical specifications
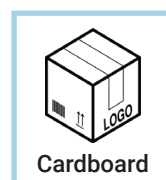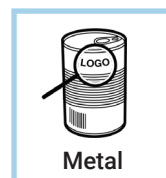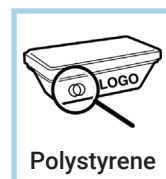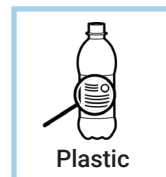- Supply voltage: 90-264 Vac 50-60 Hz.

### Interfaces
- Windows 10 embedded operating system.
- Standard interfaces: Ethernet, USB, RS232, RS485, HDMI.
- Other interfaces: BCD (Binary Coded Decimal), two-signal encoder, scales, scanners.
- Operator's interface: 12" display with touch screen and IconTouch.

### Accessories and Consumables
- Brackets, floor stand, console stand.
- Encoder, photocell.
- Inks and solvents, filters and lint-free wipes.
- UV LED lamp.

### Other
- Operating temperature: 0-50 °C
- Ink type: MOF (Mineral Oil Free), UV,.
- Spring loaded adapter to maintain a constant distance from the printing material.
- Ink system (SINK) to control automatically the ink supply to the print head and the purging operations.
- Integrated software to manage complex images.

**Plastic**

**Polystyrene**

**Metal**

**Mask**

**Cardboard**

# Dimensions



80

200

45

MADE IN ITALY