



CODE 128



GS1 RSS



DATAMATRIX



QR CODE



RFid



RF

## Module VDC

Since 1985 we do one thing only: create solutions for encoding, traceability and anti-counterfeiting.

Each need can have many interpretations but only one solution.

Performance, usability and a 100% guaranteed end result.

A goal above all others: translating a brilliant intuition into objects inspired by perfection.

### APPLICATION FIELDS

With **MODULE VDC** system any variable data printing needs becomes, finally, easy to manage allowing, also, **100% certified<sup>1</sup> finished product**.

The Special production process, patented from GRAPHI MECC, guarantee in full automatic mode (relieving from any responsibility the operators) that each single elements comply with different control criteria activated as:

- legibility and quality printing for OCR encoding;
- legibility and quality printing for encodings and 1D/2D automatic reading;
- quality printing of fix data;
- register of print;
- graphic background with lack of defects.

The whole ensure on finished product the presence of all requested codes (without any lack) according to the requested sequence (without any numbering jump).

Every **MODULE VDC** system allows to work, without any specific pre-configuration, a very wide range of materials that goes from continues paper to not die-cut adhesive paper, from auto-adhesive labels to plastic film, from aluminium to fabric materials.

<sup>1</sup> Find out the difference from 100% controlled finished product and 100% certified finished product.

## CUSTOMIZED CONFIGURATION

Thanks to a wide range of available modules and optional every **MODULE VDC** system is easily configure according to specific needs getting a best production process; the consequence: high productivity and ease of use for any operator.

## TECHNICAL SPECIFICS

CONFIGURATION OPTIONS	
DESCRIPTION	VALUE/TYPE
Available production processes	Fix/variable data print with 100% finished product controlled Fix/variable data print with 100% finished product certified Only finished product 100% controlled Only finished product 100% certified
Ø max of reel on Unwinder/Rewinder	High reel: up to 500 mm Low reel: up to 1000 mm
Ø mandrel reel Unwinder/Rewinder	25, 38, 40, 45, 50, 76, 152 mm Inter-changable
Sensors	Optical sensors                      Ultrasonic sensors, Photoelectric sensors            Capacitive proximity sensor RGB Sensors                        CCD sensors
Pre treatment material unit	Corona Treatment unit Plasma treatment
Printer Unit	Thermo Transfer Thermal Inkjet (water base ink, alcohol, solvent) Inkjet DOD ((water base ink, solvent, UV) Laser marking Mechanical numbering box (typographical and rotary) Unità RFID (HF, HF with NFC protocol, UHF)
Control unit	GRAPHI plus videocamera GRAPHI light videocamera Barcode 1D, 2D reader
Functional Groups	Priming group                      Dispensing group Painting group                      Die-cutting group Laminating group                  Cutting group Inserting group                      Punching group
Maximun width of working material	80, 125, 250, 350, 450, 600 mm
Minimun width of material loading on machine	12, 18, 35, 50, 65, 85 mm
Designed maximum speed of work	Up to 200 mt/min <sup>2</sup>
Production mode	Singlerow / multirow
Longitudinal cutting group	Oscillating cut, Pressure cut Scissors cut
Workable materials	Paper Not die-cutted adhesive paper Auto-adhesive labels Plastic Film Aluminum Fabric

<sup>2</sup> Real production speed is connect to specifics manufacturing set and related limits of used materials.

**Note**

Customized solution are available on demand.

