



Module RF

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 RF** system any need of inserting of two materials can finally be managed with quality, ensuring excellent production performance and with a **100% controlled finish product**.
The special production process developed from GRAPHIMECC allows to producing on fully secured mode thanks to electronic control of the inserting register.
The wide range of configurations and modules allows to dealing with complexes production process with maximum easiness of configuration and managing for the operator.
Every **MODULE RF** can guest one or more printing variable data process according to typical modes of **VDC** line, the whole with a semi-automatic support in managing production error, allowing the operator to produce a 100% controlled finish product.
Every **MODULE RF** system allows to work, without any specific pre-configuration, a wide range of base materials that goes from the continues paper to not die-cut adhesive paper, from auto-adhesive labels to plastic film, from aluminium to fabric materials.

CUSTOMIZED CONFIGURATION

Thanks to a wide range of available modules and optional every **MODULE RF** 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	Dispensing Encoding Inserting Marking Die-cut Mix Processes
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 Sensor Ultrasonic sensors Photoelectric sensors Capacitive proximity sensor RGB Sensors CCD sensors
Pre treatment material unit	Corona Treatment unit
Printer Unit	Thermo Transfer Thermal Inkjet (water base ink, alcohol, solvent) Inkjet DOD ((water base ink, solvent, UV) Laser marking Unità RFID (HF, HF with NFC protocol, UHF)
Control unit	Telecamera GRAPHI plus GRAPHI light videocamera Barcode 1D, 2D reader
Functional Groups	Laminating group Die-cut group Inserting group Cutting group Dispensing 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. ¹
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

¹ Real production speed is connect to specifics manufacturing set and related limits of used materials.

Note

Customized solution are available on demand.

GRAPHIMECC
MECHATRONICS

