



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

APPLICATION FIELDS

With a **FIRST RF** system any need of inserting two materials through dispensing a first label over a second label can finally be qualitatively manage for all who has big production amount, allowing also, **100% control of the end product.**

The special production process developed from GRAPHI MECC allows to producing on fully secured mode thanks to electronic control of the inserting register.

RF range can be complete with the possibility to activate at end of the line a variable data printing process and/or marking process.

Any **FIRST RF** system allows to work, without any specific pre-configuration, a wide range of materials whom go 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 the wide range of possible configurations, it is easy to identify **FIRST RF** as the model whom can satisfy any customer needs; consequence: high productivity and ease of use for any operator.

TECHNICAL SPECIFICS

CONFIGURATION OPTIONS	
DESCRIPTION	VALUE/TYPE
Available production process	Inserting Encoding Marking
Ø max of reel on Unwinder/Rewinder	350 mm
Ø mandrel reel Unwinder/Rewinder	25, 38, 40, 45, 50, 76 mm Inter-changable
Sensors	Optical Sensor Photoelectric sensors RGB Sensors Ultrasonic sensors Capacitive proximity sensor CCD sensors
Print Unit	Thermo Transfer Thermal Inkjet (water base ink, alcohol, solvent) Laser marking RFID Unit (HF, HF with NFC protocol, UHF)
Control Unit	GRAPHI plus videocamera GRAPHI light videocamera Barcode 1D, 2D reader
Maximun width of working material	80, 125, 200 mm
Minimun width of material loading on machine	12, 18, 29 mm
Designed maximum speed of work	Up to 30 mt/min. ¹
Production mode	Singlerow
Workable materials	Paper Not die-cutted adhesive paper Auto-adhesive labels Plastic Film Aluminum Fabric

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

Note

Customized solution are available on demand.

GRAPHIMECC
MECHATRONICS



CERTIFICATE: FM 593321

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