



The ICONNECT from the ICON Platform, is also part of the L.I.T (Label Identification Technology) program developed by SMAG Graphique with the aim of being the pioneer and most advanced partner in the world of the intelligent label industry label industry.

ICONNECT is a multi-process platform designed to meet the needs of both OEMs and label printers, offering them new market opportunities by providing solutions for on-line inventory management, traceability and product identification.

The **ICONNECT-C RFID** insertion converting line enables to:

- Insert a UHF / HF NFC / anti-theft RFID chip between an adhesive label and its carrier backing.
- Place a label on top of another label for promotional coupons or creative effects.
- Place a label of a different shape or material next to another label (wine market).

Technical specifications

Minimum web width	40 mm
Maximum web width: Available in 3 width models Also available in MAX version 350 mm	180 - 200 and 250 mm
Maximum width of inlays and label inserted, depending on the application head chosen	160 mm or 240 mm
Maximum speed (depending on the inlays and label formats) and insertion head option	80 m/min or 150 m/min
Length registration accuracy for tag application	+/- 1mm
Side registration accuracy for tag application	+/- 0,5mm
Minimum distance between two inlays (depending on chip and label formats)	Minimum 15 mm
Maximum unwinder diameter	450 mm Standard and 600 mm Optional
Maximum rewinder diameter	450 mm
Standard core diameter but other sizes available	76mm



iconnect·c
Intelligent labels converting solution

RFID converting line

Base machine

- Unwinder with pneumatic mandrel and powder brake.
- Ultrasonic web guide.
- Delamination and re-lamination section.
- Photocell for registering with the possibility of reading the gap between two labels or a mark printed on the substrate (front or back).
- HMI touch screen to control machine functions and parameters.
- Servo-driven rewinder with pneumatical mandrel.

Inlays or tag dispenser

- High-speed, high-precision dispensing unit.
- Adjustable position of the unit in the machine width.
- Second ultrasonic web guide.
- Speed synchronization by encoder.
- Programmable advance or delay of deposit.
- Motorized infeed synchronized.

Additional inspection, variable printing and finishing processes available

- 100% inspection camera control (EL or BST) for the dimensional positioning of the deposited inlays.
- Second dispensing head.
- Variable data printing for serialization or data matrix encoding.
- HF or UHF RFID inlay quality control with data management.
- Marking of labels containing defective RFID inlays.
- Destruction of defective inlays.
- Additional rewinder with special web pass for thick inlays.
- Slitting unit with razor blades.
- Dual shafts rewinder or semi-automatic rewinder.

