

iconnect·e



TECHNICAL SPECIFICATIONS ICONNECT·E RFID ENCODING & CONTROLLING LINE

- Minimum web width 20 mm.
- Maximum web width 250 mm.
- Maximum encoding and controlling speed 60 meters/min.
- Unwinder maximum diam. 600mm.
- Rewinder maximum diam. 450mm.
- Mandrels diameter 76 mm.
- Electrical requirements 400 V tri + ground.
- Electrical consumption 2,8 KV.
- Pneumatical requirement 5nm3h / 6 bars.
- Machine Dim. L.2700xW.1150xH.1500 mm.
- Weight 550 Kg.



iconnect

ICONNECT·E
RFID ENCODING & CONTROLLING LINE

IDEAL TECHNOLOGY (IDENTIFICATION LABEL TECHNOLOGY) ICONNECT•E RFID ENCODING & CONTROLLING LINE

The ICONNECT range , issued from the SMAG ICON platform, is part of the id(ea)L technology (Identification Label Technology) program developed by SMAG with the aim to be the most advanced actor in the intelligent label industry.

The ICONNECT is a multi-process platform answering the brand owners needs for mass consumption and retail markets. The ICONNECT was also developed to enable label printers to tackle new business opportunities and propose to their customers new solutions for supply chain management, connected inventories, products traceability and authentication.

The ICONNECT•E RFID encoding line allows to :

- Control the printing quality with an HD 4K 100% inspection camera.
- Control the positioning of the RFID tag inserted under the label.
- Print a data matrix or any variable data from a database.
- Control the quality of the RFID tag for the encoding process.
- Encode the RFID tag from a data base.
- Encode the RFID tag from a variable data printed and scanned in line.
- Control the final process of encoding and mark the defective labels.

BASE CONFIGURATION

- Motorized unwinder with pneumatic shaft.
- Ultrasonic web guide.
- Predisposition for 100% inspection camera system.
- Predisposition for encoding system.
- Predisposition for inlays quality control system.
- Predisposition for bad tag marking.
- Servo web tension control.
- Motorized rewinder with pneumatic shaft.

IDEAL TECHNOLOGY (IDENTIFICATION LABEL TECHNOLOGY) ICONNECT•E RFID ENCODING & CONTROLLING LINE

CONTROLLING CONFIGURATION

- 100% inspection camera.
- RFID tag dimensional positioning inspection.
- RFID Antenna reader for tag quality control.
- Splicing table for bad tag removal.



ENCODING AND CONTROLLING CONFIGURATION

- 100% inspection camera.
- Inkjet system (water or alcohol) for data matrix printing.
- Barcode scanner for data matrix reading.
- RFID Antenna reader for data encoding.
- RFID Antenna reader for data controlling.
- Inkjet system (water or alcohol) for bad tag marking.
- Splicing table for bad tag removal.

