

Label-Aire 3138-NV

Automatic printing and application device
for wide range of applications



Application of labels up to 180 mm wide



Possibility of integration with various printing modules



Possibility of continuous operation in difficult conditions

Description

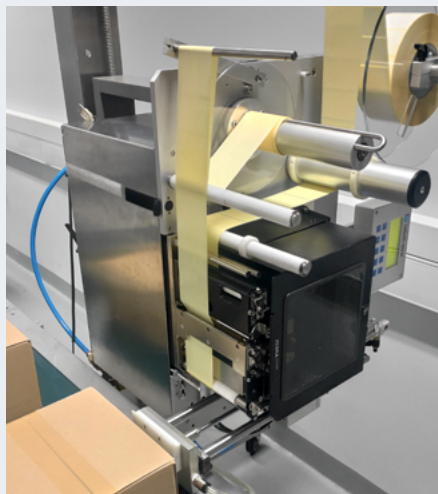
Label-Aire 3138-NV is an industrial device that is used for automatic printing and application of labels to products that are in motion on the production line or when they stop moving. Label application is conducted in a pneumatic way. The label can be applied from above, from below or on the side of the product.

The 3138-NV is most advanced printer applicator which features New Generation technology making it the ideal choice for the most demanding applications. Its rugged stainless steel and anodized aluminum construction providing durability and long-lasting operation in the most hostile environments.

Application

- Automatic printing and application of labels to the surface of products of various shapes.
- Marking products with unique data (series numbers, weight etc.) at high efficiency and while maintaining precision of application.
- Processing printing and application orders from weighing systems, robots or PLC drivers.

Label-Aire 3138 NV



Characteristics

Label-Aire 3138-NV is a universal and comprehensive printing and application device that makes it possible to automate the process of marking products on the production line. Label printing takes place immediately before its application to the product. The device can be integrated with printing engines of various suppliers and expanded by other functionalities of operation thanks to many additional accessories.

Application

The device, depending on the applied printing engine, can print labels that are from 114 mm to 180 mm wide. After printing, the label is blown onto the surface of a product being marked with the use of an actuator in a pneumatic way or it is pressed to ensure better adhesiveness. The label design for printing is commissioned by an external system and it can be completed with variable data.

Advantages

- Advanced, multifunctional operator's panel
- Auto-configuration function - reduction of time needed for retooling
- Fast and precise application of labels to products
- An I/O port for communication with PLC or a robot
- It can be extended by additional functionalities or adjusted to non-standard applications
- Integration with various printing engines
- Heavy-duty, resistant casing
- Operates 24/7

Technical data

Physical parameters

Dimensions (height x length x width)	610x780x680
Weight	75 kg

Label parameters

Label material	paper, foil
Material type	die-cut with a gap or black mark
Maximum width of ribbon	180 mm (depending on the applied printing engine)
Minimum width of ribbon	16 mm (depending on the applied printing engine)
Minimum length of label	16 mm (depending on the applied printing engine)
Maximum external diameter of a roll	300 mm (432 mm option)
Internal diameter of a roll	76 mm

Product parameters

Application capacity	up to 60 pcs. m/min. (depending on the length of label)
Label dispense accuracy	±0.8 mm

Operating parameters

Temperature	10-35 °C
Relative humidity	20-85%

Power supply

Electrical	230V AC 50Hz 3A
Compressed air	6-7 bar (capacity of 114 l/min.)

Additional options

- Universal mounting rack on locked wheels with the adjustment of height at which the applicator is suspended
- 17" (432 mm) powered label unwinder
- Possibility of conversion to label application to the front/back of a product (Swing tamp)
- Possibility of conversion to application on two adjacent corners of a product (Dual Action Tamp)
- Label roll low state sensor
- Label presence sensor on the applying attachment
- Air-blow labelling conversion
- Encoder for compensation of speed changes of the transporter
- and many other additional accessories.



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* applies only to selected products