ALtech ALcode

Print and apply labelers

ALcode represents the cutting edge in label print and apply technology, and is distinguished in the field amongst its peers for its extreme robustness, great versatility, and incredible performance.
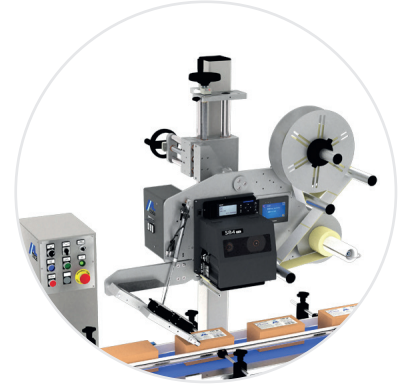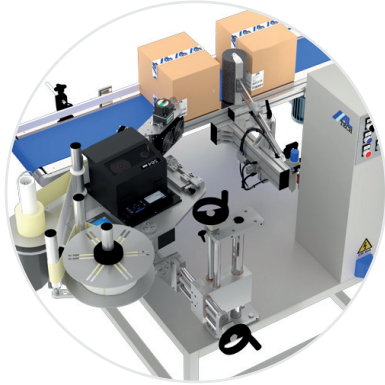
Product features

ALcode is designed to integrate the various models of Sato print module with their respective high performance (Series EX), Zebra ZE500 and with other compatible models. ALcode can manage labels up to 180 mm in width (depending on the printer chosen). ALcode can be equipped with a huge array of different application devices. Modules available include:

- Air jet application system (with or without piston), for regular-shaped moving products.
- Vacuum belt application device, for label application onto regular moving products. This device is only electrical and does not require compressed air.
- Swinging application system, for wipe-on application onto moving products (ideal for sacks and bags, both empty or filled).
- Tamp application system, for stationery products potentially at variable heights.
- Rotary arm applicator, to apply on to the front of moving products.

The ALcode unit is controlled by a powerful PLC with a colour touch screen HMI. It is positioned within the main machine body, but rotatable to suit the position of the machine relative to its operation. The display allows the operator to change the application parameters and inform the user about the machine status. The machine is designed for medium-high speed packaging lines. In its standard configuration it can accept label reels up to 300 mm diameter. An optional 400 mm unit and corresponding high-capacity rewinder is available. It is also possible to add on some further enhancement devices, such as:

- Laser scanner for barcode checking/label presence confirmation.
- Near end of reel sensor and/or rewind full, with multicolour tower light.
- Label on tamp' confirmation sensor.
- Supplementary label bending/adaptation devices.
- A sensor to confirm the presence of compressed air.
- PLC's from alternate manufacturers and/or with custom interface programming.

Configuration Examples

Technical Specifications

Set for being equipped with thermal SATO M series and S series print engines or compatible (Zebra Pax, Datamax, ACLASS, Cari Valetin).

APPLICATOR	
Type	Pneumatic
Possible configurations	• Air-blow with or without piston • Swinging roller • with tamp for contact labelling • Rotary arm • Multiformat swinging arm
Production speed	Up to 100 label/min depending on label size and on the applicator configuration

OTHERS	
Labell roll diameter	300 mm (option: 400 mm)
Power supply	220V, 50 Hz, 800W
Pneumatic Feeding	5 bars, 50 litre/min