

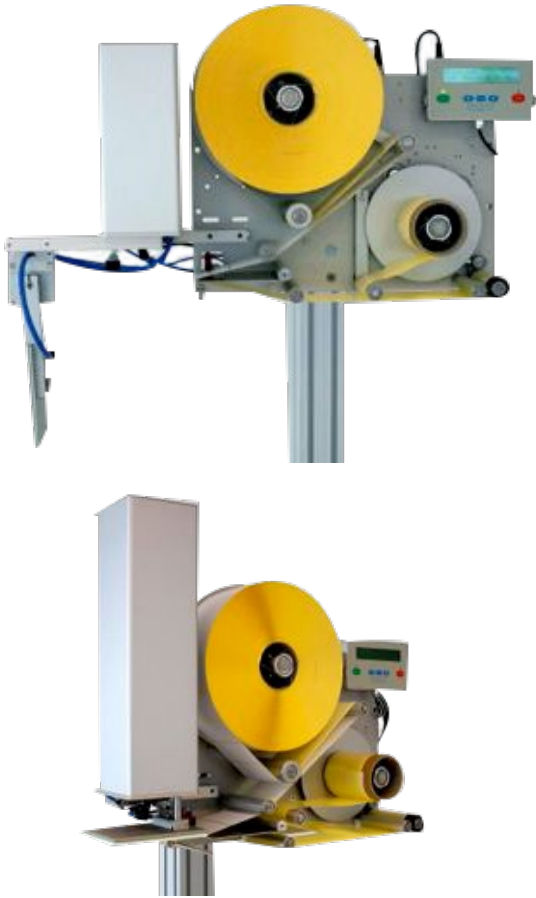
AP120

“Tamp blow” Label application system for pre-printed label

The AP120 is a high-performance automatic pre-printed label applicator. There are two independent stepper motors, each controlled by a dedicated microprocessor. One motor drives the rewinding unit and maintains the web at a constant tension controlling the position of a spring-loaded arm. The second motor drives the rubber roll that pulls the web to dispense the labels at the peeling blade. Label rolls up to 300 mm in diameter and up to 120 mm in width may be used.

This system is used at the end of production lines, where labels have to be applied to boxes automatically.

The label may be applied to the upper, lower or lateral surface, in “air-jet” mode, of stationary or moving objects. Upon request, it may be supplied with a longer stroke, and with an optical triangulation sensor to adapt the length of the stroke to the distance of the object to be labelled. Available with oscillating arm for frontal application, or in the left-hand or right-hand version.



GENERAL SPECIFICATIONS

PLATE STROKE
Standard 240 mm, optional up to 490 mm

DIMENSIONS OF LABEL
Min. 19x19 mm, max. 120x160 mm

FIRING DISTANCE
Up to 50 mm (depending on the size of the label)

REWINDER
Powered by a stepper motor / governed by a microprocessor

INTERFACE
25-pin “D” connector with optically isolated I/O or clean connections

POWER SUPPLY
90-240 VAC; 50-440 Hz with automatic commutation, max. 120 W

OPERATING ENVIRONMENT
Temperature 5-35°C, relative humidity 20-90% (free of condensation)

SIZE OF ROLL
Up to 300 mm in diameter

APPLICATION SPEED
Up to 80 labels/minute

PRECISION
+/- 1 mm

DISPLAY
Backlit LCD, 2 lines/16 characters, 2 signalling LEDs

TAMP STROKE
210 mm: the tamp stroke beyond the supporting structure on the standard model. Up to 460 mm as an optional

PNEUMATIC POWER
Clean, dry air at a pressure of 0.6-0.8 Mpa

WEIGHT
Approx. 30 kg.

CONTROLS
5-key operator’s panel, USB port for configuring and remotely controlling the applicator unit

last updating 14/02/19