

AP4M

110 mm label printing and "Tamp blow" application system

The AP4M is an automatic label application unit complete with a Zebra ZT400 thermal printer.

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.

The AP4M may be fitted with a piston 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.

The AP4M is also available with an oscillating arm.



GENERAL SPECIFICATIONS

PLATE STROKE

Standard 240 mm, up to 490 mm as an option

DIMENSIONS OF LABEL

Min. 19x19 mm, max. 110x160 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

PFC-compatible power supply, 90-265 VAC; 48-62 Hz

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 25 labels/minute

PRECISION

+/- 1 mm

DISPLAY

5 LEDs showing the status of the sensors and actuators

TAMP STROKE

85 mm: the tamp stroke beyond the supporting plate on the standard model. Up to 335 mm as an option.

PNEUMATIC POWER

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

WEIGHT

Approx. 35 kg.

CONTROLS

START and RESET buttons – 2 trimmers to control the timing, 4 dip-switches to select the operating mode

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