

phoenix italia srl

AP 120

**TAMP ON OR TAMP BLOW APPLICATOR
FOR PRE-PRINTED LABELS**



AP 120 is a high performance applicator that combines the speed with the accuracy of the label positioning.

These features are obtained by means of a mechanism powered by two microprocessor driven stepping motor. With this configuration it is possible to maintain constant the web tension without any mechanical regulation. There are no clutches to calibrate or to maintain.

Both tamp-blow and tamp-on are suitable for applying labels at various attitudes, including top, side or bottom. The blow-on application is also possible, without tamp movement, as the automatic adaptation of the stroke length.

The microprocessor electronic calibrates automatically the photosensor for an easy label size changement.

The unwinder accomodates 3" (76mm) core label rolls with an external diameter up to 12" (305 mm) and a web width up to 120 mm.

The speed is adjustable up to 40 m/min by means of the keyboard. Due to its high application speed the AP 120 can be used on very fast conveyors too.

Its is very compact and the reduced thickness of only 245 mm allows an easy the integration in tight spaces. There are no external boxes, cables, consoles that complicate the installation and take extra room.

The external interface provides alarm and synchronization signals, so no other external devices are necessary.

Thanks to the "intelligent" drive of the stepping motors the power requirement is limited to not more than 120W at full speed.

TECHNICAL SPECIFICATIONS

LABEL DIMENSIONS	min 20 x 20 mm, max 120 x 170 mm
ROLL DIAMETER	up to 305 mm
APPLICATION RATE	up to 180 labels/minute
PRECISION	+/- 0,8 mm
REWINDER	with step motor, microprocessor driven
DISPLAY	DISPLAY: back lit dot matrix LCD, 2 lines of 16 characters and two LEDs
CONTROLS	3 keys allow the guided programming of the functions and the parameters of the applicator
DIMENSIONS (l x h x w)	approx 700 x 600 x 245 mm
WEIGHT	approx 30 kg
POWER SUPPLY	90-240 VAC, 50-440 Hz, 120W max
ENVIRONEMENT	temperature from 5 to 35 °C, relative humidity from 20 to 90% (not condensing)
INTERFACE	synchronization, alarm and product sensing signals

OPTIONS AND ACCESSORIES

P/N	
121.000 RH	RIGHT HAND APPLICATOR
121.000 LH	LEFT HAND APPLICATOR
121.151	500 mm STROKE KIT
121.152	VARIABLE STROKE KIT
121.158	EXCHANGEABLE TAMP KIT

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