

The A 1000 Applicator for Real Time Print and Apply

The applicator A 1000 represents, in combination with the thermal transfer printers A3 and A4, the inexpensive solution both for the semi-automatic labeling and for the integration into automated production lines.

For Small and Big Labels

Labels with a height of 25 - 150 mm and with a width of 25 - 116 mm may be applied. The printer enables to use label rolls with a diameter of up to 210 mm.

Quick Assembly

Like any other accessory, the applicator is plugged into the printer with two stoppers and fixed with only one screw.

Variable Product Heights

By means of the pneumatic cylinder with a stroke of 300 mm it is possible to compensate differences in product heights of up to 150 mm. It is also possible to use cylinders with a longer stroke.

Simple Adjustment

Four screws are necessary to adjust the tamp pad according to the dispensing edge. The sequence of the whole cycle may be optimized during the test operation at the operator panel.

High Process Reliability

The supporting air jet streaming and the vacuum as well as the speed of the cylinder are adjustable. For highly sensitive products and packaging the pressure to apply labels may be reduced to less than 1 kg. Consequently there is no risk of injury. To avoid contamination within the vacuum channels these are cleaned by air pressure impulse at the end of each application.



Long Operating Life without Wearing

The guides have ball bearings which avoid wearing and guarantee more than 2 million cycles

PLC Interface

For all status and control signals



Tamp Pad

During this print and apply cycle the product remains in fixed position. The universal tamp is covered by a foil. According to the size of the label the holes may be pierced. On request, the tamp pads are customized to the dimensions of the label sizes.



Blow Pad

For applying pressure to sensitive products the label may be blown on to the product by the supporting air jet stream. The print and apply cycle performs in a fixed position or in linear movement of the product. The blow pad moves to a pre adjusted position approx. 10 mm away from the product.



Roll on Pad

Using the roll on pad the label is dispensed until touching the roller. The tamp pad moves on top of the product. The label is then rolled on and applied by the movement of the product.



Lower Frame

The lower frame may be customized according to the special requirements regarding width and height. The print and apply system is positioned by using two bolts. The exact position of the system may be adjusted on a guide rail.



Stand A 1600

For great stability the stand is made of aluminum profiles so the print and apply system is ready for use on any automated production line. Also it can easily be adjusted in height and width to fit any product.

The guide rollers allow for smooth movement and transporting while the adjustable mounting pads allow easy positioning for the print and apply system for operation.

The print and apply system is mounted on a base plate that is 10 mm thick and is fixed using only a clamp.



Present Trigger/Foot Switch

The present trigger or foot switch can be used for semi-automatic applications.



Light Barrier

A light barrier or sensor can be mounted to automatically recognize a product on a conveyor belt.



Interface Plug

Easily connected using simple clip screws.