

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 on the printer with two stoppers and fixed with a 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



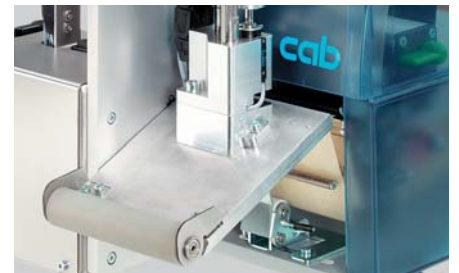
Tamp Pad

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-sensitive products the label may be blown on the product by supporting air jet streaming. The print and apply cycle is optionally performed with fixed position or linear movement of the product. The blow pad moves to a pre-adjusted position; the product remains about 10 mm below.



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

The stand is made of aluminum profiles which insures a great stability and rigidity. So the print and apply system is quickly ready for use at any automated production line and may easily be adjusted in height and width to the product.

Four guide rollers at the chassis help to move the system. The adjustable machine mounting pads enable to position the print and apply system for operation.

The print and apply system is positioned on the base plate of 10 mm thickness and fixed by a clamp.



Present trigger/ Foot switch

To start labeling in a semi-automatic application the foot switch or the present trigger can be used.



Light barrier

For the automatic product recognition on the conveyor belt a light barrier can be mounted. How to fix the light barrier must be defined on location.



Interface plug

With the clip screws the cable connection is easy.



Part No.	Description	for printer
5949001	Tamp applicator A 1000-220	A3 / A4
5949002	Tamp applicator A 1000-300	A3 / A4



5949072	Universal tamp pad A1112 70x60	Applicator A 1000
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5949075	Universal tamp pad A1112 90x90	Applicator A 1000
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594xxx	Tamp pad A1112 wxh	Applicator A 1000
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5949076	Universal tamp pad A1312 116x102	Applicator A 1000
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5949077	Universal tamp pad A1312 116x152	Applicator A 1000
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594xxx	Tamp pad A1312 wxh	Applicator A 1000
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594xxx	Blow pad A2111 wxh	Applicator A 1000
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594xxx	Roll on pad A1411 wxh	Applicator A 1000
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5949093	Lower frame 340x160	A3 / A4
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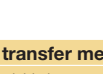
594xxx	Lower frame wxh	A3 / A4
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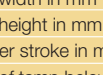
8913600	Stand A 1600	A3 / A4
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5942345	Present trigger TR1	Peel-off Ad. PS5 Present Sen. PS6 Applicator A 1000
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5535901	Foot switch	Peel-off Ad. PS5 Present Sen. PS6 Applicator A 1000
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5941526	Light barrier to start process PLC	Peel-off Ad. PS5 Present Sen. PS6 Applicator A 1000
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Label transfer method	Type A 1000		
	Tamp	Roll on	Blow
Label width in mm	25 - 116	25 - 116	25 - 100
Label height in mm	25 - 150	80 - 150	25 - 100
Cylinder stroke in mm	220/300		
Stoke of tamp below printer in mm	70/150		
Compressed air supply in bar	6 - 8		
Requirements to product surface	flat		
Product height			
variabel	■	■	-
fixed	-	-	■
Product			
fixed	■	-	■
linear movement	-	■	■
Labeling direction			
vertically downwards	■		

All specifications about delivery, design and technical data are given to the best of our current knowledge and are subject to change without prior notice.