

Geset 112 (Mat.-No.: 40000115)

Charateristics:

- Labeling at bottom side of square products
 - System on rolls and rubber feet
 - Robust aluminium frame
 - Simple unmistakable operation by buttons
 - Speed of base conveyor can be adjusted by frequency converter
 - Proven and reliable applicator technique provided by Alpha Compact, 150mm label width
 - Performances of up to 100 products per minute are possible
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Description of application

Square products are placed onto the conveyor belt either manually or automatically. The product is then forwarded to the applicator. It is essential that the products are forwarded separately - with a gap to each other - to the applicator. When the light barrier is reached, an application trigger is tripped. The label applicator applies then in Wipe On procedure a label onto the product. The label on bottom side is pushed on the product by the self-weight of the product.

After labeling the products move on and can be removed from conveyor by the customer.

System configuration


The system consists in detail of:

- 1 pcs. Machine frame aluminium
 - Open construction, on rubber feet and rolls
 - Working height 800mm +/-20mm
- 1 pcs. Switch cabinet RAL 7035
 - Connection 230V/50Hz
 - Incl. one frequency converter
 - Buttons: EMERGENCY OFF, Conveyor ON/OFF
- 2 pcs. Small conveyor with knife edge
 - Width 300mm; length 500mm
 - Speed 15 m/min, adjustable
- 1 pcs. Alpha Compact working width 150mm
 - Lefthand version
 - Max. label roll diameter 300mm
 - Incl. HMI Panel
 - Incl. label detection fork light barrier
 - Disoric
 - Incl. pusher brush
- 1 pcs. Mounting label applicator
 - Consisting of aluminium profile
 - Incl. horizontal adjustment
- 1 pcs. Starting pulse emission

Machine characteristics

Geset 112:	
Electrical connection:	230V / 50Hz
Weight:	appr. 180kg
Varnish:	Switch cabinet RAL 7035
Conveying speed:	15 m/min (frequency-controlled +/-20%)
Application rate:	Up to 100 pcs/min, depending on product- and label size
Running direction:	From lefthand to righthand (R)
Operator's side:	In running direction righthand (B)
System connection:	In running direction lefthand (A)
Reference edge:	Centered
Width of conveyor:	300mm
Working height:	800mm +/- 20mm
Adjustment range horizontal applicator bottom side:	220mm

Product characteristics

Geset 112:	
Possible basic shapes:	
Product distance to each other [M29]:	Min: 85mm
Application rate:	$(\text{Speed of base conveyor [m/min]} * 1000 / (\text{Product distance [mm] [M29]} + \text{Product length [mm] [M8]})) * 0,95$
Width [M7]:	Min: 30mm Max: 250mm
Length [M8]:	Min: 60mm Max: 450mm
Total height [M9]:	Min: 35mm Max: 100mm
Weight	Min: 50g Max: 5000g

