

# ALS 104 LABELING SOLUTION FOR TOP LABELING

Right Hand Version

## DESCRIPTION

With this application, labels between 10 - 106 mm width (material width incl. backing paper max. 110 mm) can be applied on the top of products. The surface of the products needs to be flat to secure the smooth application of labels. Paper and stiff PE label materials can be used. The maximum apply speed is 30 m/min. The support stand with vertical and horizontal lead screws enables flexible integration onto a conveyor. The product start sensor has to be connected to the M12 plug on the ALS.

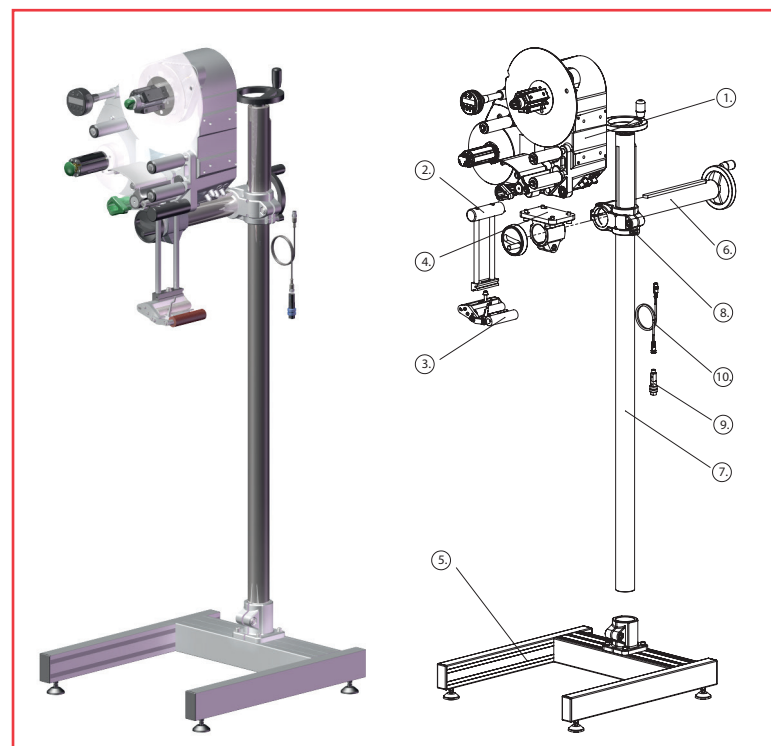
MAIN SPECIFICATIONS ALS 104	
Dispensing speed:	Up to 30 m/min
Material width incl. backing paper:	10 - 110 mm
Label length:	5 - 600 mm
Label roll diameter:	300 mm
Data Interfaces:	RS 232C

## IMPORTANT BENEFITS

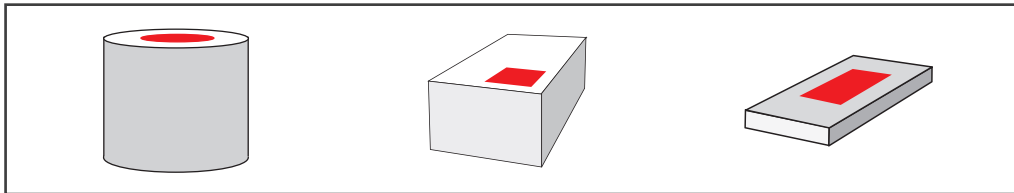
- Flexible integration in your product line
- Attractive price-performance ratio
- Top quality for standard applications
- Application speed of up to 30 m/min
- Material width up to 110 mm
- Accurate label positioning
- Easy vertical and horizontal adjustment of the ALS by means of the lead screws

## FOLLOWING PARTS ARE INCLUDED:

POS-NB.	DESCRIPTION	QT
1	ALS 104 RH	1
2	L-shape dispensing edge fixture RH 110 mm	1
3	L-shape fixed dispensing edge RH 110 mm	1
4	Flange plate assembly	1
5	Single H-Foot	1
6	Horizontal lead screw 390 mm	1
7	Vertical lead screw 1.500 mm	1
8	Cross clamp	1
9	Product start sensor	1
10	Extension cable for product start sensor 1.5 m	1



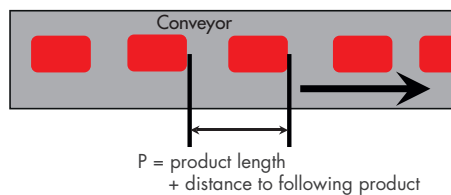
## TYPICAL APPLICATIONS: TOP LABELING



Mainly applicable for labeling of products in the same height. Almost all common types of label shapes are supported.

## LABELS PER MINUTE (Q) FOR TOP LABELING ALS

EXAMPLES	PRODUCT LENGTH (P)	APPLY SPEED (V)		
		15 M/MIN	20 M/MIN	30 M/MIN
Products:	1. 60 mm long + product distance 20 mm (P)	188	250	375
	2. 100 mm long + product distance 20 mm (P)	125	167	250



As application-specific circumstances can impact the real volumes and apply-speeds, no rights can be derived from these calculations.

Calculation of max. labels per minute:  $Q = V \times 1000 / P$   
 Calculation of max. apply speed:  $V = Q \times P / 1000$

## OPTIONS\* FOR ENHANCEMENT OF THIS SOLUTION

- Capacitive label sensor (including bracketry)
- IP65 protection kit BASIC
- IP65 protection kit IT1
- External OD control (RH)
- Encoder set APSF: Rotary Encoder (for APSF), incl. cable with M12-plug
- Remote display

\* not included, have to be ordered separately.



Remote display

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