

ALS 104 LABELING SOLUTION FOR SIDE LABELING

Left 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.

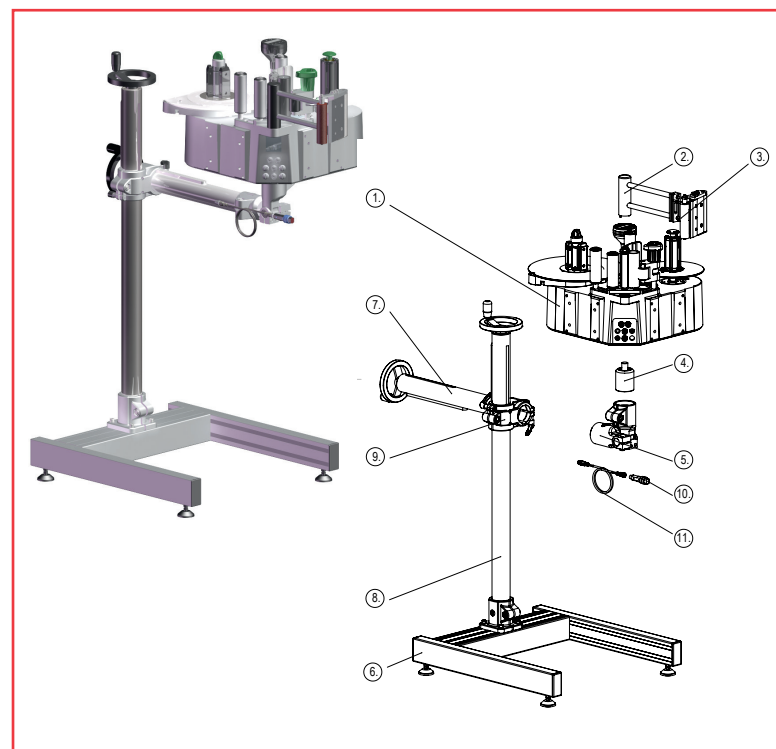
MAIN SPECIFICATIONS ALS 104	
Dispensing speed:	Up to 30 m/min
Material width incl. backing paper:	10 - 110 mm
Label length:	5 - 600 mm
Label roll diameter:	300 mm
Data Interfaces:	RS 232C

IMPORTANT BENEFITS

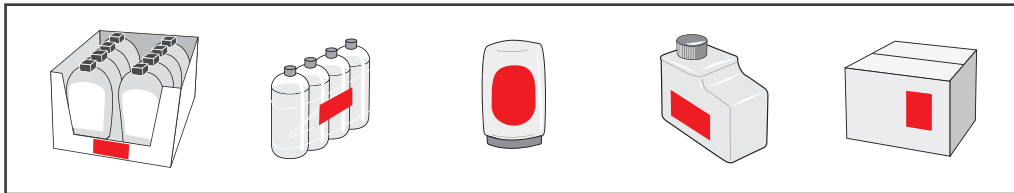
- Flexible integration in your product line
- Attractive price-performance ratio
- Fast and durable for demanding applications
- Application speed up to 30 m/min
- Material width up to 110 mm
- Accurate label positioning
- Easy vertical and horizontal adjustment of the ALS by means of the lead screws

FOLLOWING PARTS ARE INCLUDED:

POS-NB.	DESCRIPTION	QT
1	ALS 104 LH	1
2	L-shape dispensing edge fixture LH 110 mm	1
3	L-shape fixed dispensing edge LH 110 mm	1
4	Fixing bolt assembly	1
5	Fixture joint assembly	1
6	Single H-Foot	1
7	Horizontal lead screw 520 mm	1
8	Vertical lead screw 1.010 mm	1
9	Cross clamp	1
10	Product start sensor	1
11	Extension cable 1.5 m	1



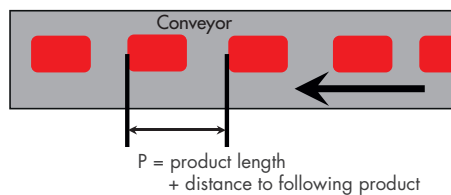
TYPICAL APPLICATIONS: SIDE LABELING



Mainly applicable for labeling of products with flat and straight side-surface. Almost all common types of label shapes are supported.

LABELS PER MINUTE (Q) FOR SIDE 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 IP BASIC
- IP65 Protection Kit IT 1
- Remote display
- External OD control (LH)
- Encoder set APSF: Rotary Encoder (for APSF), incl. cable with M12-plug



Remote display

* not included, have to be ordered separately.

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Novexx Solutions GmbH DEUTSCHLAND

Ohmstrasse 3
D-85386 Eching
Tel. +49 (0)8165 925 299
info.deutschland@novexx.com

Novexx Solutions S.A.S. FRANCE

Tel. +33 (0)825 82 61 52
info.france@novexx.com

Novexx Solutions B.V. NEDERLAND

Tel. +31 (0)302 63 22 33
info.nederland@novexx.com

Novexx Solutions B.V. BELGIE

Tel. +32 (0)2 377 8002
info.belgie@novexx.com

Novexx Etiketleme Sistemleri Tic. A.Ş. TÜRKIYE

Tel. +90 216 564 81 81
info.turkiye@novexx.com

Novexx Solutions GmbH ITALIA

Tel. +39 0331 1855511
info.italia@novexx.com

Novexx Solutions GmbH FILIAL SVERIGE

Tel. +46 (0)31 68 30 40
info.sverige@novexx.com

manroland India Pvt. Ltd. INDIA

Tel. +91 (11) 47002900
info.india@novexx.com

Novexx Solutions USA

Tel. +1 610 4730751
info.usa@novexx.com

Novexx Solutions ASIA

Tel. +86 (021) 2215 7665
info.asia@novexx.com

Novexx Solutions GmbH POLSKA

Tel. +48 (0)605957108
info.polska@novexx.com