

Multi-functional ALS Labeling Systems

High-performing, robust labelers for applying decorative, informative and branding labels in demanding environments, continuous operation, 24 hours per day, 7 days a week. Integrated design with a small footprint makes this ALS series easy to install in your new or existing production line, regardless of whether the label has to be applied on the top, on the side, around or on the bottom of your product.

- ALS 20x (ALS 204/206/209) differ only in the width (4"/6"/9")
- ALS 256 is a 6 " wide machine designed to dispense up to 164 ft./per min.
- ALS 272 is designed to dispense labels 2 in. wide or less with speeds up to 229 ft/per min.

NOVEXX[®] ALS 2xx Labeler Series

The ALS 2xx Labeler Series can be configured to fit virtually any industrial challenge. Whether it's applying at high or low application speed, using small or wide labels or working in wet or dry environments, we have the right solution for your application needs.

- OD Sensor warning for low material reducing downtime
- The apply unit module and the power rewind module can easily be pulled out, allowing front access for easy maintenance and shorter downtimes
- Modular components promote maximum efficiency and production run times
- Offers all common connectivity features standard: Ethernet, serial port, PLC interface, USB, SD card
- Quick and easy integration into your product line with variable label roll positioning and mounting options
- Bottom, side and top labeling with three different fixing options: L-shape dispensing edges (fixed, swivelling, spring-loaded, pneumatic), various LA-xx applicators, internal label roll OD kit. Dispensing edge can be rotated for even greater flexibility
- The ALS is prewired to use an encoder (sold separately) The automatic Product Speed Following (APSF) assures reliable and accurate label application on conveyor belts with variable speeds. Ideal system for high volume labeling with near perfect application accuracy



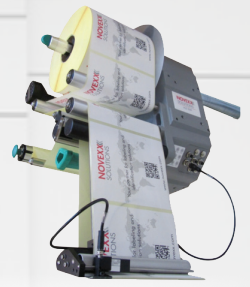
Accessories/Upgrade Options:

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| <ul style="list-style-type: none"> • External control panel • Pressure roller • L-shape dispensing edges: Fixed, Swivelling, Spring-loaded, Pneumatic, V-shape (only ALS 204/272) • Adjustable dispensing edge holder • Roatatable L-shape fixture • Outer diameter control sensor • Applicator interface | <ul style="list-style-type: none"> • Dust/splashguard (only ALS 204/206/209) • Additional material guide disk • Capacitive label sensor • Narrow label spring kit • Splice table • Signal beacon • Tandem function • APSF-sensor • Rotary encoder kit | <ul style="list-style-type: none"> • Remote display • Additional RS232/422/485 I/O board • The IP65 kit (moisture & dust protection only for 204/206/209 models) provides protection for the labelers and facilitates easy cleaning which is particularly important in the food industry. • Standard is Ingress Protection 21 |
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BRO - ALS 20x- Rev E 1/19

ALS 204/206/209/256/272

At a Glance



STANDARD FEATURES

DISPENSING SPEED:

ALS 204: up to 131 ft. /min (40 m/min)
ALS 206: up to 98 ft. /min (30 m/min)
ALS 209: up to 82 ft. /min (25 m/min)
ALS 256: up to 164 ft. /min (50 m/min)
ALS 272: up to 229 ft. /min (70 m/min)

LABEL LINER WIDTH:

ALS 204: 4.33in; (110 mm)
ALS 206: 6.29in; (160 mm)
ALS 209: 9.17in; (233 mm)
ALS 256: 6.29in; (160 mm)
ALS 272: 2.08in; (53 mm)

LABEL LENGTH:

ALS 2XX: .196 in. - 23.62 in.
(5mm - 600mm)

LABEL ROLL SIZE:

12 in. (300mm) max.
Core Dia: 1.5 in./3 in./4 in.

PHYSICAL DIMENSIONS: (H x W x D)

ALS 204: 19.37 x 19.21 x 14.61 in.
(492 x 488 x 371 mm)
ALS 206: 19.37 x 19.21 x 15.83 in.
(492 x 488 x 402 mm)
ALS 209: 19.37 x 19.21 x 19.88 in.
(492 x 488 x 505 mm)
ALS 256: 19.37 x 19.21 x 15.83 in.
(492 x 488 x 402 mm)
ALS 272: 19.37 x 19.21 x 14.61 in.
(492 x 488 x 371 mm)

DATA PORTS:

A.) USB Port
B.) Ethernet; RS232 (Sub D9)
C.) Serial (115,200)
D.) Standard USB
E.) SD Card
F.) Remote Display (optional)
G.) Applicator interface (optional)

EXTERNAL SENSOR INTERFACES:

4-pin m12 connector, optical label sensor, PNP/NPN 24V, Alternative sensors, product sensors/APSF sensor/OD sensor (PNP/NPN 24V)

OPERATING TEMPERATURE:

ALS 2xx: 41°F - 104°F
(5°C - 40°C)

STORAGE TEMPERATURE:

ALS 2xx: 45°F - 75°F

HUMIDITY:

30 to 85 % non-condensing

WEIGHT:

ALS 204/206: 79.4lbs (36kg)
ALS 209: 83.8lbs (38kg)
ALS 256/272: 88.2lbs (40kg)

Applicators:

(All L-shape fixing 110 mm & fixed dispensing edge 110 mm are required.)

Blow-on Non-Contact applicator plus applicator interface for sensitive products (204/206/256/272):
Touch-on applicator plus applicator interface (204/206/256/272):
Touch-on Touch Down applicator plus applicator interface (204/206/256/272):
Touch-on Touch Down XL applicator plus applicator interface (204/206/256/272):
Touch-on Blow-on applicator plus applicator interface (204/206/256/272):
Touch-on Blow-on XL applicator plus applicator interface for sensitive products (204/206)

V-shape Dispensing edges including Label sensor (ALS 204/272)

L-shape Dispensing edges (incl. Label sensor):

Fixed L-Shape dispensing edge (204/206/209/256)
Swivelling L-Shape dispensing edge long & short plate (204/206/209/256)
Spring loaded L-Shape dispensing edge (204/206/209/256)
Pneumatic L-Shape dispensing edge (204/206/209/256)
Fixing edge holder (204/206/209/256,272)
Rotatable Fixing edge holder (204/206/209/256)
Adjustable Fixture for height adjustment up to 2.75 in. (204/206/256)

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