

MULTI-FUNCTIONAL ALS LABELING SYSTEMS

Industrial labeling systems for applying labels to products, boxes, trays and pallets.

MULTI-FUNCTIONAL INDUSTRIAL LABELING SYSTEMS

ALS Labeling Systems can be configured to fit virtually any industrial labeling 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 in our reliable, durable ALS 104, 204, 206, 256, 272 and 209 series labeling systems.

RECOMMENDED LABELING APPLICATIONS

- cartons, trays, cans, canisters, bottles, pallets, barrels and more
- various industries, particularly pharma/medical, food, personal care, chemical, logistics/warehouse, building materials
- decorative, informative and branding labels

FAST AND FLEXIBLE

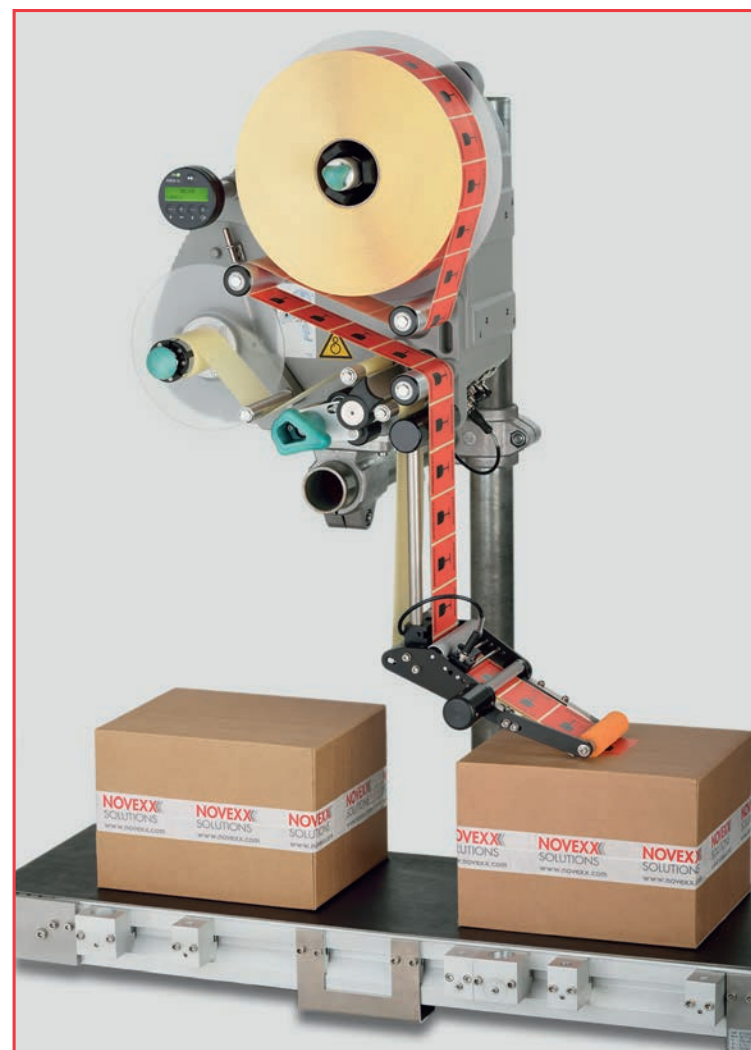
- Combine extreme robustness with high-performance
- Configured for demanding performance in continuous operation, 24 hours a day, 7 days a week
- Modular concept for easy integration into a unit in your existing system in exchange for another
- Features bottom, side and top labeling with three different fixing options
- Dispensing edge can be rotated by up to 90° for even greater flexibility

OPTIONAL IP-KIT MAKES ALS FAMILY PERFECT FOR MULTIPLE ENVIRONMENTS

IP 65 kits provide protection for the labelers and facilitate easy cleaning, which is particularly important in the food industry. With the addition of the IP65 kit, the ALS family can also be used in humid or dusty environments.

MORE INFORMATION

To learn more please contact your NOVEXX Solutions representative or visit our website at www.novexx.com.



MULTI-FUNCTIONAL ALS LABELING SYSTEMS

SPECIFICATIONS - ALS 104 RH/LH

| | | |
|----------------------------|--|---|
| Dispensing speed up to | 30 m/min | |
| | 1,000 labels in 3.4 min.* | |
| Labels | Material | Self-adhesive label with liner; inside/outside winding possible |
| | Label roll diameter unwinder | up to 300mm |
| | Backing paper roll diameter rewinder | up to 200mm |
| | Core diameter label roll | 1.5"/3"/4" |
| | Material width incl. backing paper | 10 – 110mm |
| | Label length | 5 - 600mm |
| Label stop accuracy | At dispensing edge | +/- 0.5mm at fixed speed; +/- 1.0mm at variable speed |
| Electronics | Control panel | Graphical display, 128 x 32 dots, two lines, five push buttons |
| Data Interfaces | Serial | 1x RS232 |
| | Remote display | 1x RS422 (Mini-DIN 6) |
| PLC Interfaces | Opto-isolated | Sub-D15 |
| | Output | 3X PNP, 24V |
| | Input | none |
| | Parallel function to PNP-output | optional on 8 pin M12 connector: PNP/NPN, 24V |
| External sensor interfaces | Opto-isolated | 4-pin M12 connectors |
| | Label sensor | Optical label sensor |
| | Alternative sensor | PNP/NPN, 24V |
| | Product sensor/APSF sensor/OD sensor | PNP/NPN, 24V |
| Status messages | Status messages: | No gap found/missing labels count |
| Test functions | | Automatic diagnosis after powering on |
| IP-protection | Class | Standard 21, optional IP65 |
| Noise | Max. | < 70 dB [A] |
| Dimensions/Environment | H x W x D [mm] | 492 x 488 x 371 |
| | Weight | 33 kg |
| | Mains voltage | 115V (AC) at 60 Hz power frequency; 230 V (AC) at 50 Hz power frequency |
| | Operating temperature | 5-40°C |
| | Humidity | 30 to 85% non-condensing |
| | Qualifications | CE, TUV/GS, FCC, CCC, GOST, NRTL [US/CA] |
| Label positions | | Top/side/bottom. Direct apply or by use of applicator |
| Options | L-shape dispensing edge, V-shape dispensing edge, external OD sensor, external remote control display, IP 65 kit, rotary encoder for APSF (automatic product speed follower) | |

* indication for 100 x 100 mm labels, feed 2 mm

MULTI-FUNCTIONAL ALS LABELING SYSTEMS

| SPECIFICATIONS | | ALS 204 | ALS 206 | ALS 209 | ALS 256 | ALS 272 ** |
|-----------------------------|---|--|---------------------------|---------------------------|---------------------------|---------------------------|
| Dispensing speed up to | | 40m/min | 30m/min | 25m/min | 50m/min | 70m/min |
| | | 1,000 labels in 2.6 min.* | 1,000 labels in 3.4 min.* | 1,000 labels in 4.1 min.* | 1,000 labels in 2.0 min.* | 1,000 labels in 1.5 min.* |
| Labels | Material | self-adhesive label with liner; inside/outside winding possible | | | | |
| | Label roll diameter unwinder | up to 300mm | | | | |
| | Backing paper roll diameter rewinder | up to 200mm | | | | |
| | Core diameter label roll | 1.5"/3"/4" | | | | |
| | Material width incl. backing paper | 10-110mm | 10-160mm | 50-233mm | 10-160mm | 10-53mm |
| | Label length | 5-600mm | 5-600mm | 50-600mm | 5-600mm | 5-600mm |
| Label stop accuracy | At dispensing edge | +/-0.5 mm at fixed speed; +/- 1.0 mm at variable speed | | | | |
| Electronics | Card slots | Slot for one SD-card | | | | |
| | Control panel | Graphical display 128 x 32 dots, 2 lines, 5 push buttons | | | | |
| Data Interfaces | Serial | 1 x RS232C, D-Sub 9, max. 115200 Baud | | | | |
| | Ethernet | 1 x 10/100 Base T/TX RJ45 | | | | |
| | USB | 1 x device, 1 x host | | | | |
| | Remote display | 1 x RS485 (mini-DIN 6) | | | | |
| | Internal interfaces | Applicator interface (optional) | | | | |
| PLC Interfaces | Opto-isolated | Sub D15 or optional two 8-pin M12 | | | | |
| | Output | 4x PNP, 24 V, max. 500mA/Output | | | | |
| | Input | 3x PNP/NPN, 24 V | | | | |
| External sensor interfaces: | Opto-isolated | 4-pin M12 connector | | | | |
| | Label sensor | Optical Label sensor | | | | |
| | Alternative sensors | PNP/NPN, 24 V | | | | |
| | Product sensors/ APSF sensor/ OD sensor | PNP/NPN, 24 V | | | | |
| Status messages | Dispensing stops, when | 1. Label stock ends or 2. Missing label counter is exceeded or 3. No gap found | | | | |
| Test functions: | | Automatic diagnosis after powering on | | | | |
| IP-protection | Class | Standard 21, option 65 | | | Standard 21 | Standard 21 |
| | Noise: | Max. | < 70 dB [A] | | | |

* indication for 100 x 100 mm labels, feed 2 mm

** preliminary specifications

MULTI-FUNCTIONAL ALS LABELING SYSTEMS

| SPECIFICATIONS | | ALS 204 | ALS 206 | ALS 209 | ALS 256 | ALS 272 * |
|---------------------------|---|---|-----------------|-----------------|--|--|
| Dimension/ Environment | H x W x D [mm] | 492 x 488 x 371 | 492 x 488 x 402 | 492 x 488 x 505 | 492 x 488 x 402 | 492 x 488 x 371 |
| | Weight | 36 kg | 36 kg | 38 kg | 40 kg | 40 kg |
| | Mains voltage/power consumption | 115V (AC) at 60 Hz power frequency; 230 V (AC) at 50 Hz power frequency | | | 100-240 V (AC) at 60/50 Hz power frequency | |
| | Operating temperature | 5-40°C | | | | |
| | Humidity | 30-85%, not condensing | | | | |
| Qualification | CE, TUV/GS, FCC, CCC, GOST, NRTL [US/CA] | | | | | |
| Label positions | Top/side/bottom. Direct apply or by use of applicator | | | | | |
| Options | L-shape dispensing edge, V-shape [ALS 204 only] dispensing edge, external OD sensor, capacitive label sensor, different sensors, various LA-xx applicators, external remote control display, tandem function, Applicator Interface, IP 65 kit (for ALS 204, ALS 206 and ALS 209), adjustable fixture for L-shape, rotary encoder for APSF (automatic product speed follower), rotatable L-shape fixture, splice table | | | | | L-shape dispensing edge, external OD sensor, capacitive label sensor, different sensors, various LA-xx applicators, external remote control display, tandem function, Applicator Interface, rotary encoder for APSF (automatic product speed follower), splice table |

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Distributed by:

* preliminary specifications

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