

# ALX PRINT & APPLY SOLUTIONS

Industrial solutions to print and apply labels for product identification and supply chain applications to accelerate performance and to meet global compliance standards.

## POWERFUL AND VERSATILE PRINT AND APPLY SOLUTIONS

The ALX Print & Apply Systems meet today's high standards for product coding and identification and offer reliable solutions for virtually any print and apply requirement:

- High or low volumes
- For 24/7 production
- Top and side labeling with different product label positions
- Ribbon saving mechanism at non-printed areas
- User friendliness: multi-language display, easy replaceable printhead
- Various LA-xx applicators available for your individual application

## 1:1 SOLUTION FOR INDUSTRIAL USE – ALX 924/925/926

Maximum print speed of 400 mm/s and a resolution of 300 dpi allow our systems to label your products in a 1:1 Print & Apply mode; while printing and dispensing one label, the machine is preparing the data for the next label. Ideal for constantly changing print content.



## APPLICATORS

To assure accurate applying of different labels to any specific position, there are different label applicators available for the ALX 92x series:

- LA-BO: gentle blow-on applicator for non-contact labeling of sensitive products
- LA-TO/LA-TO XL: economic touch-on applicator for top, side or bottom applications
- LA-SO: flexible swing-on applicator for top, side, or leading-edge application to products, boxes or pallets

## FOR HIGH DEMAND PRODUCTION LINES (HIGH SPEED) – ALX 734/735/736

- Fastest Print & Apply System in its class
- Increase uptime with easy integration into existing systems
  - Large label and ribbon rolls
  - Modular parts for quick maintenance,
  - Tandem function and easy-to-use controls
- Combination of fast printing and applying with speeds of up to 833 mm/s

## MORE INFORMATION

To learn more please contact your NOVEXX Solutions representative or visit our website at [www.novexx.com](http://www.novexx.com).





# ALX PRINT & APPLY SOLUTIONS

SPECIFICATIONS	ALX 734/735/736	ALX 924/925/926
Printing method	Thermal transfer/direct thermal	Thermal transfer/direct thermal
Print resolution	300 dpi	300 dpi
Print speed	1,000 labels in 4.3 min.* 1,000 labels in 5.7 min.*	1,000 labels in 4.3 min.* 1,000 labels in 5.7 min.*
Dispensing speed	Up to 50 m/min 1,000 labels in 2.0 min.*	Depending on printspeed
Label output	Up to 400 labels/min (at label length < 40 mm)	Depending printspeed; type of applicator in use
Label stop position on peel edge	Constant apply speed: < +/- 0.5 mm; Variable apply speed: < +/- 1.0 mm	+/- 0.5mm
Print width	ALX 734: max. 104mm; ALX 735: max. 127mm; ALX 736: max. 160 mm	ALX 924: 106mm; ALX 925: 127mm; ALX 926: 160mm
Label width	ALX 734/735: 30 - 134 mm (up to 5.3"); ALX 736: 50 - 185 mm (up to 7.3")	ALX 924/925: 16-130mm (up to 5.2"); ALX 926: 16-184mm (up to 7.2")
Label length	25 mm to 225 mm – up to 440 mm after elongation dispense edge fixture and up to 750mm with the double roller kit	10-1000 mm
Material	Converted, self-adhesive label material with liner, on rolls. Paper, thermal transfer, thermal direct, plastic film material (e.g. PE, PP, PA, PVC)	Converted, self-adhesive label material with liner, on rolls. Paper, thermal transfer, thermal direct, plastic film material (e.g. PE, PP, PA, PVC)
Core diameter label roll	1.5"/3"/4"	1.5"/3"/4"
Max. label roll diameter	300 mm or 400 mm	300 mm
Ribbon width	Recommendation: 5 mm wider than label width	ALX 924/925: 20mm – 140mm; ALX 926: 20mm – 160mm
Ribbon length	Up to 1000 m (39,370")	Up to 1000 m (39,370")
Ribbon save function	Standard	Standard
Bar codes	1-dimensional: EAN 8 and EAN 13 with 2 and 5 digit add-on, UPC-A, UPC-E, Code 39, Code 39 Ratio 3:1 and Ratio 2,5:1; Code ITF, Codabar, Code 128, Code 2/5, Code 2/5 1, Code 2/5 5, Code 2/5 Interleaved Ratio 1:3, Code 2/5 Matrix Ratio 1:2,5; Code 2/5 Matrix Ratio 1:3; Code MSI, Code EAN 128; Postcode (routing and ID code), UPS Code 128, Code 128 Pharmacy; all bar codes available in 30 widths and freely scalable in height; 2-dimensional: Data Matrix Code, Maxi Code, PDF 417, Codablock F, Code 49, GS1 databar, EAN UCC composite symbology	1-dimensional: EAN 8 and EAN 13 with 2 and 5 digit add-on, UPC-A, UPC-E, Code 39, Code 39 Ratio 3:1 and Ratio 2,5:1; Code ITF, Codabar, Code 128, Code 2/5, Code 2/5 1, Code 2/5 5, Code 2/5 Interleaved Ratio 1:3, Code 2/5 Matrix Ratio 1:2,5; Code 2/5 Matrix Ratio 1:3; Code MSI, Code EAN 128; Postcode (routing and ID code), UPS Code 128, Code 128 Pharmacy; all bar codes available in 30 widths and freely scalable in height; 2-dimensional: Data Matrix Code, Maxi Code, PDF 417, Codablock F, Code 49, GS1 databar, EAN UCC composite symbology
Fonts	17 fonts including OCR-A and OCR-B; 3 scalable fonts, (speedo), TrueType font (also unencoded) supported; Rotation by 0°, 90°, 180° and 270°. Up to factor 16 scaling in X/Y direction.	17 fonts including OCR-A and OCR-B, 3 scalable fonts, TrueType fonts are supported; scalable in X/Y direction up to factor 16; rotation of internal character sets, bar codes, lines and graphics by 0, 90, 180, 270° for fix size fonts, 0°-359,9° for scalable fonts; TrueType fonts are infinitely rotatable.
Graphic formats	BMP, PCX, JPG, TIF, GIF, Easy Plug logos	BMP, PCX, JPG, TIF, GIF, Easy Plug logos
Real-time clock	Standard	Standard

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

# ALX PRINT & APPLY SOLUTIONS

SPECIFICATIONS	ALX 734/735/736	ALX 924/925/926
Displays (HMI)	2 x five key control panel with illuminated graphical display; 128x32 dots, with two lines of 16 characters	Five-key control panel with illuminated graphical display; 128x32 dots, with two lines of 16 characters
Memory	64 MB RAM	64 MB RAM
Data interfaces	Ethernet; RS232 (Sub D9); 2x USB-A Host; 1x USB-B Device	Ethernet; RS232 (Sub D9); 2x USB-A Host; 1x USB-B Device
Signal interfaces	Output: 4x, PNP, 24V; Input 3x, PNP/NPN, 24V. Optional Applicator Interface Board	Output: 4x, PNP, 24V; Input 3x, PNP/NPN, 24V. Optional Applicator Interface Board
Accessories/upgrade options	PLC in/out on M12 connectors; Unwinder and holder for 300 mm or 400 mm label roll OD; Dispensing edges; internal/external Outer Diameter control; Applicator interface; Applicators LA-BO/LA-TO; remote display; APSF encoder kit, Tandem function, additional RS232/422/485 I/O board	Outer diameter control; Applicator interface; Applicators LA-BO/LA-TO/LA-SO; remote display; RFID UHF, APSF encoder kit, additional RS232/422/485 I/O board
Power supply	100-240 V, 50/60 Hz	100-240 V, 50/60 Hz
Standards	CE, GS, TUV, NRTL (US/CA), GOST, CCC, FCC	CE, GS, TUV, NRTL (US/CA), GOST, CCC, FCC
Environmental requirements	Operating temperature: 5° to 40°C , atmospheric humidity: 45% to 75%, non-condensing	Operating temperature: 5° to 35°C (ALX 926 to 30°C), atmospheric humidity: 45% to 75%, non-condensing
Dimensions (w x h x d)	ALX 734/735: 905 x 1054 x 470 mm; ALX 736: 905 x 1054 x 513 mm	ALX 924/925: 612 x 565 x 381 mm; ALX 926: 612 x 565 x 435 mm
Weight	ALX 734/735: 65 kg; ALX 736: 71 kg	ALX 924/925: 35 kg; ALX 926: 39 kg
Emulation	Easy Plug, line printer, Hex Dump	Easy Plug, line printer, Hex Dump
Windows® driver	NOVEXX Solutions Windows® driver	NOVEXX Solutions Windows® driver
Protection Class	IP 21	IP 21

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

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