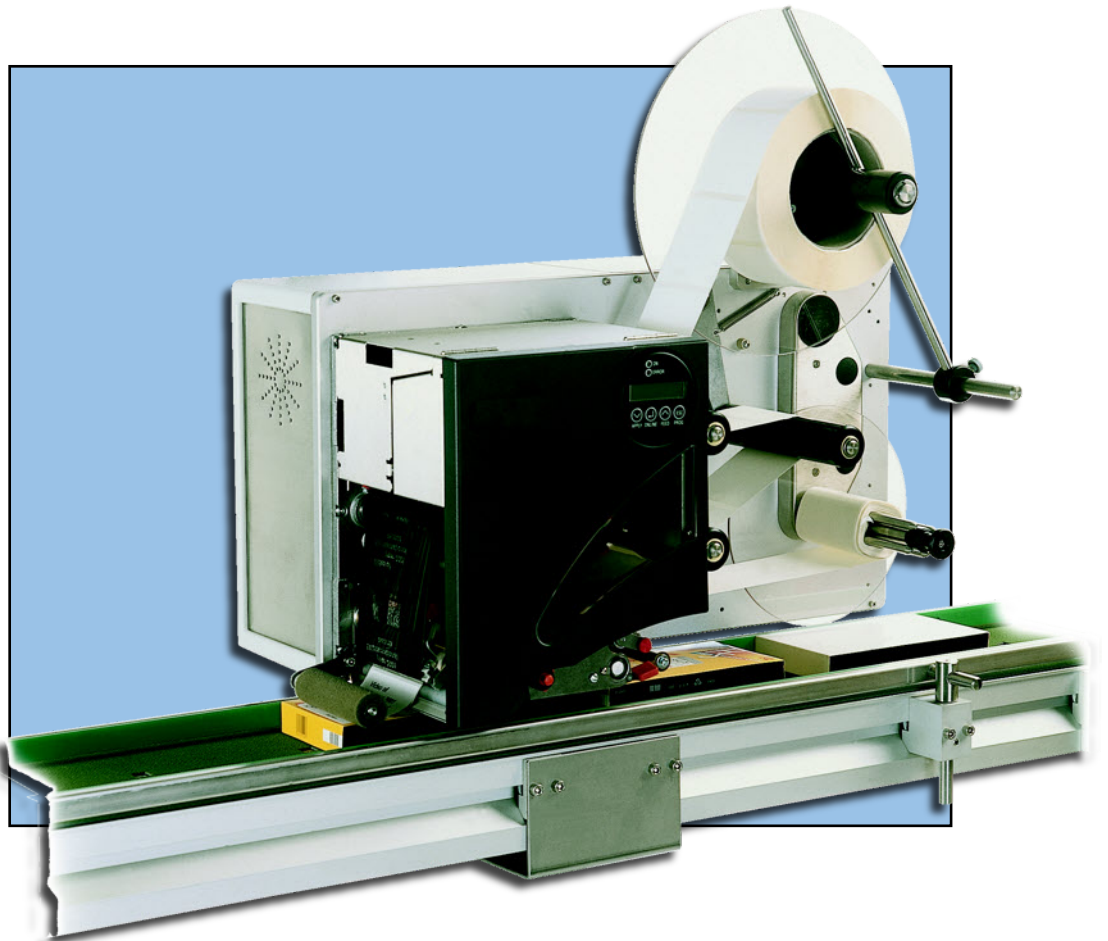


ALS[®]

RFID
READY!

ALX 920 Series

Industrial 1:1
Print & Apply
Labelling Systems



ALX 924 ALX 925 ALX 926

World Class Labelling Solutions

www.als-eu.com

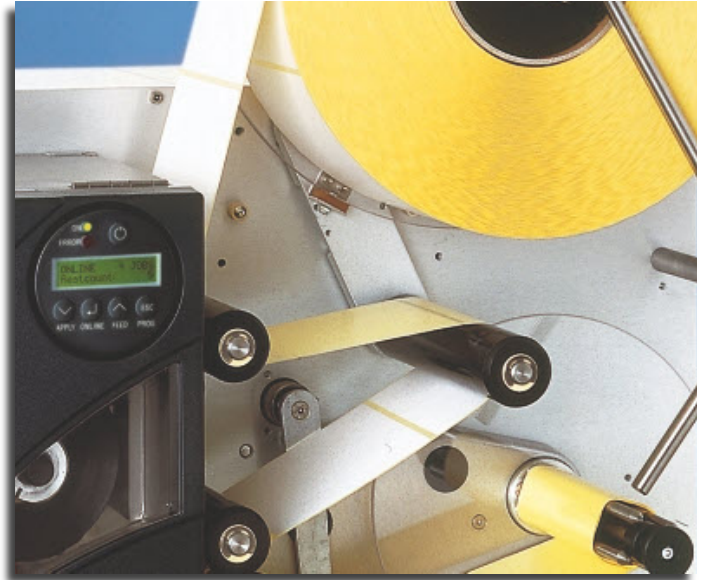
PRINT & APPLY

ALX 920 Series

Power & Performance

ALX 920 - Standard Features:

Up to 400mm per second print & dispense speed
12 dots/mm (300 dpi) super-sharp print definition with constant "dot-check" print head integrity monitoring.
Ultra-fast AMD CPU, 64MB RAM & multi-tasking operating system = virtually no download delays.
Network-compatible over Ethernet.
Direct "wipe-on" application or select from a choice of standard dressing modules.
Ribbon-saving mechanism.
Real-time clock built-in.
Multi-line matrix display can be rotated by 360° or relocated completely.
RFID-enabled. Upgrade now or when you're ready.



Whether you need to print variable text, graphics, barcodes, sequential numbers, time or date, the specifications for labelling products, outer packaging and pallets are becoming more and more complex. With ever-changing information, you will need increasingly intelligent print & apply systems.

Each member of the ALX 920 family are real high-performers, characterised by top results in terms of excellent printing quality, highest dispensing speed and an abundance of useful features.

The construction of the machine makes maintenance and handling particularly easy, thus ensuring even greater efficiency.

Endless performance

The multi-tasking operating system of the ALX 920 family benefits from a particularly high-performance 400Mhz AMD CPU. A maximum print speed of 400 mm/s (24m/min) and a resolution of 300 dpi allow the ALX 920 print & apply system to mark up your products in 1:1 mode! As the machine is printing and dispensing one label, it is already working on preparing the data for the next label. This makes the ALX 920 family ideal for constantly changing print content, for instance on dispatch labels. Whether it be the ALX 924, 925 or 926, they all deliver a constant high level of output. It is no longer necessary to pause the operation to change print jobs.

User-friendliness

The easy to read display is perfect for use in all environments and can be rotated for better visibility. The print head can be replaced quickly and easily. The

backing material roller is automatically controlled by a dancer-arm and ensures uninterrupted operation. Whether it is used with or without an applicator, the universal dispensing edge makes handling easier.

The perfect solution

Choose from three models; ALX 924 for a print width of up to 106 mm (4"), ALX 925 for up to 127 mm (5") or ALX 926 for up to 160 mm (6"), all of which are available in both right and left-hand versions. With 19 fonts, all current barcodes, compact flash card expansion and a great degree of versatility, these models cover the entire range of industrial requirements and can label in practically any position. The ideal starting point for first class print & apply labelling!

Intelligence

The use of Ethernet allows ALX 920 labellers to work perfectly with your system, however they also set the standard off-line. For example, the display allows you to enter label contents for text, number and barcode fields and when you start printing, the intelligent dot-check function guarantees top quality results.

The early warning system identifies when ribbon or material resources are running low and this ensures that downtimes can be reduced considerably.

Economy

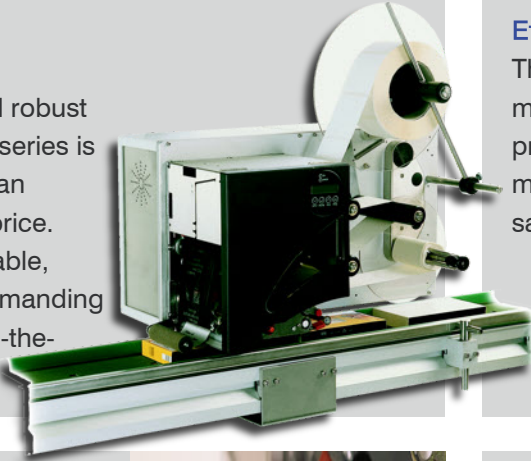
The ALX 920 family is particularly economical thanks to its efficient ribbon-saving mechanism. High print speeds, a robust power supply for continuous operation and thermal transfer ribbon rolls of up to 1,000m in length make this high-performer unbeatable in terms of running costs and reduced change-over times.

ALX 924, 925 & 926

- Benefits of efficiency included as standard

Engineered for Quality and Reliability

With a steel frame and robust housing, the ALX 920 series is an industrial range at an extremely affordable price. They are fast and durable, even with the most demanding requirements in round-the-clock operations.



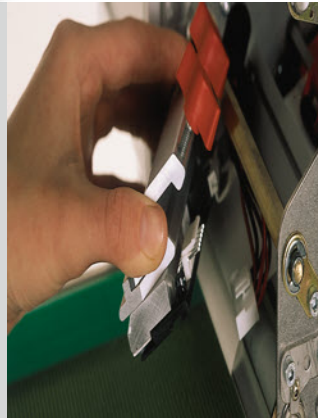
Efficient Ribbon-Save

The efficient ribbon-saving mechanism operates over all print-free areas from 6 mm, minimising wastage and saves money.



Quick-Change Print Head

The pre-aligned print head can be changed without tools, in an instant. Excellent print quality is guaranteed with 300dpi resolution. "Near-edge" print head technology is used for pin-sharp clarity. Heads typically last 20% longer than "flat" heads types.



RFID-Enabled

All models can be optionally upgraded at any time with RFID capability. Reading & writing RFID tags will not be a problem and non-functioning tags can be removed as required with the "bad tag" separator.



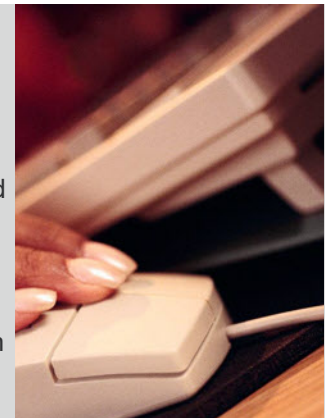
Patented Flexibility

A unique mechanism controls the label web tension in such a way that even materials that are difficult to dispense can still be handled easily without fuss.



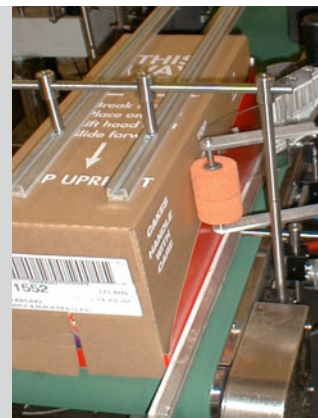
No Software Worries

Control language Easy-Plug is built-in, compatible with previous ALS printers and Print & Apply systems. Also included is a Zebra ZPL-II language interpreter, so often there is no need to change your favourite labelling software or to redesign formats.



Multiple Application Methods

Various application devices are available to suit your specific product labelling requirements, depending on speed, position and orientation. Standard options include: direct-apply / wipe-on, blow-on, tamp-on, tamp-blow, front-of-pack and corner application.



Integration

Easily integrated into various control systems thanks to a choice of data and I/O interfaces such as; Serial, Parallel, Ethernet, USI I/O board and the optional advanced applicator controller.



Technical Specifications

	ALX 924	ALX 925	ALX 926
Print Width	106 mm	127 mm	160 mm
Material width including backing liner	16 - 130 mm	16 - 130 mm	16 - 185 mm
Print Technology	Direct thermal and thermal transfer, near edge print head		
Print Resolution	12 dots/mm (300 dpi)		
Ribbon Saving Mechanism	From 6 mm unprinted area, depending on print speed		
Printing & Dispensing speed	Up to 400mm/s (24 m/min) adjustable in steps of 5mm/s		
Label length	5 - 1,000 mm		
Label roll diameter (maximum)	300 mm		
Label roll inside core diameter	38mm, 76mm or 100mm		
Label dispensing accuracy	+/- 0.5 mm		
Processor	AMD CPU, 400Mhz, 32-bit multi-tasking processor		
Memory	64 MB RAM		
Emulation	EasyPlug, Line Printer, Hex Dump, Zebra ZPL		
Interfaces	Serial RS 232/422/485 (max baud rate 115.2 KB), Parallel Centronics, Ethernet, USI I/O board(5V or 24V direct current interface)		
Fonts	19 Internal fonts, including OCR-A and OCR-B, 2 scalable fonts, True Type fonts are supported; scalable in X/Y direction up to factor 16; rotation of internal character sets, barcodes, lines and graphics by 0, 90, 180, 270°; True Type fonts are infinitely rotatable		
Barcodes	1-Dimensional/Linear: 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 barcodes available in 30 widths and freely scalable in height; 2-Dimensional: Data Matrix Code, Maxi Code, PDF 417, Codablock F		
Graphics	BMP, PCX, JPG, TIF, GIF, EasyPlug formats		
Software	EtiCAD software for Windows 2000/NT/XP is available from ALS, however drivers are available from the producers of most other common labelling packages, such as; Prisym, Jetmark, LabelView, CodeSoft, BarTender and NiceLabel.		
Material Specifications	Self-adhesive, card and synthetic materials up to 240g/m ² , suitable for printing using direct thermal and thermal transfer methods. Maximum external roll diameter: 300mm Internal core diameter: 38mm (1.5"), with adapter 76mm (3") or 102mm (4")		
Ribbon Specifications	Ribbon length up to 1,000 m		
Motor drives	2 x Stepper Motors		
Card slots	Slots available for 1 x CF-card and 1 x SD/MMC card		
Control panel / display	Backlit graphical display 128 x 32 dots, 2 lines, 5 push buttons - can be rotated 360°		
Noise:	< 70 dB (A)		
Power Supply	80 - 270 V, 50/60 Hz		
Standards	CE, GS, TÜV		
Environmental Requirements	Operating temperature: 5 through to 35°C (ALX 926 through to 30°C), atmospheric humidity: 45% to 75%, non-condensing		
Size H x W x D (mm)	612 x 565 x 381 mm		612 x 565 x 430 mm
Weight	35 kg		39 kg
Options:	Direct ("wipe-on") dispensing edge, external OD sensor, different sensors and add-on applicators (tamp, air-blow, front-of-pack), external remote control display, standalone version with keyboard, barcode scanners, vision systems and RFID upgrade kits (HF & UHF EPC Gen 2).		

Specifications are subject to change without prior notice.

ALS is a leading European supplier and manufacturer of high-quality, competitively priced labelling systems, consumables and accessories. In addition to the ALX 920 series the company offers a comprehensive range of label applicators, product handling systems and thermal transfer printers, to meet labelling requirements across an extensive range of industries and applications.

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