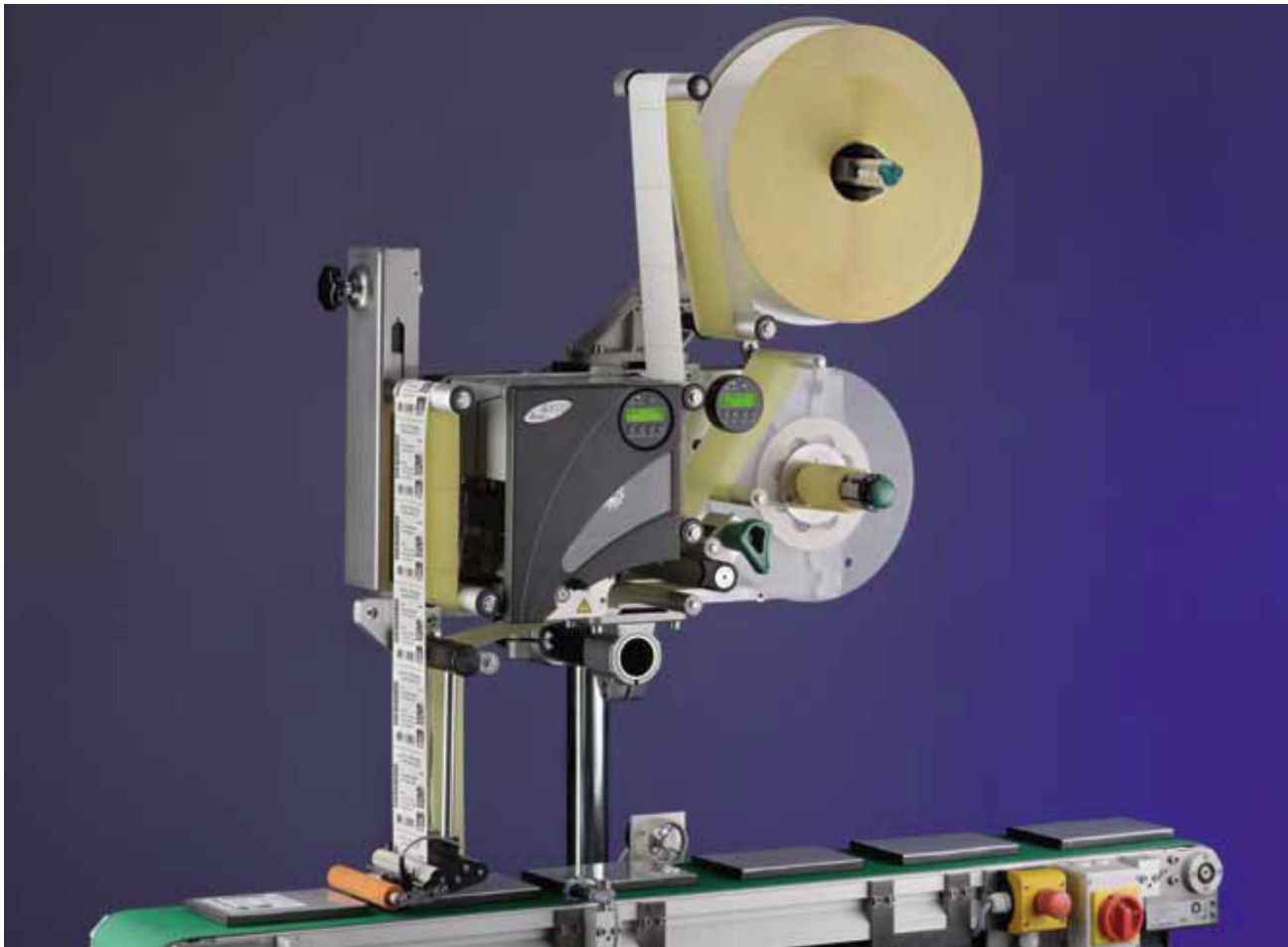# ALS®

ALX 730 Series
High-Performance Print & Apply Labelling System

World Class Labelling Solutions

www.als-eu.com

Technical
Specifications
ALX 730 Series

Printer Specifications	ALX 734 / 735	ALX 736
Printing Tecnology:	Thermal transfer/direct thermal	Thermal transfer/direct thermal
Print head:	300 dpi; near edge print head	300 dpi; near edge print head
Print speed:	50mm - 400mm/s	50mm - 300mm/s
Print width (Maximum):	ALX734: 104mm ALX735: 127mm	160mm
Ribbon width:	20mm - 140mm	20mm - 160mm
Ribbon length	Up to 1000m; roll diameter 110mm	Up to 1000m; roll diameter 110mm
Ribbon save function:	Standard	Standard
Printable barcodes:	1-dimensional: 2-dimensional: GS1 Databar & CC barcodes	
Standard fonts:	17 fonts including OCR-A and OCR-B; 3 scalable fonts, (speedo), TrueType font (also unicoded) supported	
Font magnification:	Rotation by 0°, 90°, 180° and 270°. Upto factor 16 scaling in X/Y direction	
Data Interfaces:	Ethernet; 2 x USB-A / 1 x USB-B; RS232 (SubD9); CF/SD card slot	
Real Time Clock	Standard	Standard
Display:	5 key control panel with illuminated graphical display, 128 x 32 dots, with 2 lines of 16 characters	
Memory:	64 MB RAM	64 MB RAM
Graphic Formats:	BMP, PCX, JPG, TIF, GIF, Easy Plug Logos	

Labeller specifications:		
Dispensing speed:	Up to 50m/min	Up to 50m/min
Label output:	Up to 400 labels/min (at label length < 40mm)	
Label stop position on peel edge:	Constant apply speed: < +/- 0.5mm; Variable apply speed: < +/- 1.0mm	
Data interfaces:	Ethernet; RS232 (Sub D9); Compact Flash card slot	
Signal Interfaces:	Output: 4 x PNP, 24V; Input 3 x PNP, 24V	
Display:	5 key control panel with illuminated graphical display, 128 x 32 dots, with 2 lines of 16 characters	
Accessories/upgrade options:	PLC In/Out on M12 connectors; Unwinder + holder for 300mm or 400mm label roll OD; Dispensing edges; internal/external OD kit; Applicator interface; Applicators LA-BO / LA-TO; Remote display; APSF encoder kit	

Material Specifications:	ALX 734 735	ALX 736
Material:	Converted, self-adhesive label material with liner; on rolls. Paper; thermal transfer; thermal direct; plastic film material (eg PE, PP, PA, PVC)	
Label width*:	30mm to 134mm	50mm to 185mm
Label length	25mm to 225mm - up to 440mm after elongation dispense edge fixture	
Core diameter:	38mm, 76mm 102mm	38mm, 76mm, 102mm
Roll Diameter:	300mm or 400mm	300mm or 400mm

Specifications are subject to change without prior notice.

* Recommendation: for applications at variable apply speed the minimum label width should be > 45mm to enable the defined label stop accuracy

The ALX 730 Series offers a high, performance, reliable print & apply solution designed to meet the needs of manufacturing and logistic environments. It's Print & Apply system not only prints labels with great clarity but also applies them with the utmost precision. The ALX 730 Series is an all-rounder in the widest sense of the word: With a conveyor speed of up to 50m/min, it prints and attaches your labels to the top, side, front or even the underside of your products. The Near Edge print head achieves a class-leading top speed of 400mm/sec with a resolution of 300dpi. This allows you to print even very small text and graphics extremely quickly while still achieving a razor sharp print image. This efficiency and quality maintains the competitive edge at the end of the production process.

ALS is a leading European supplier and manufacturer of high-quality, competitively priced labelling systems, consumables and accessories. In addition to the ALX 730, 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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