

Technical Specifications\*

\*product & label dependent

	ALS R-8	ALS R-10	ALS R-15	ALS R-15W	ALS R-18	ALS R-24
Product Platform Pitch	172.7 mm	188.5 mm	125.7 mm	150.8 mm	125.7 mm	125.7 mm
Central Carousel Diameter	440 mm	600 mm	600 mm	720 mm	720 mm	960 mm
ALS Label Applicator	Max. Dispense Speed	Max. Label Height	MAXIMUM BOTTLES / PRODUCTS PER HOUR BPH (AND PER MINUTE)			
ALS 204	40 m/min	110 mm	9,750 (163)	11,700 (195)	13,500 (225)	11,875 (200)
ALS 206	30 m/min	160 mm	7,800 (130)	9,360 (156)	10,800 (180)	9,500 (160)
ALS 256 / 73x	50 m/min	160 mm	10,800 (180)	13,500 (225)	18,900 (315)	16,200 (270)
ALS 306	60 m/min	160 mm	13,000 (217)	16,250 (270)	22,750 (380)	19,500 (325)
ALS 309	45 m/min	230 mm	9,950 (166)	12,987(216)	17,200 (286)	14,750 (250)
ALS FastPaQ-H	150 m/min	110 mm	-	-	45,500 (760)	32,400 (540)

How Easy is it to Change Products?

All this speed and flexibility would be useless if it was difficult to change from one product to another and the ALS R-Series rotary labellers are one of the simplest to change on the market today. Everything can be reconfigured without the need for tools. Infeed scrolls clip-in, platforms pop out, star-wheels screw down and height is adjusted at the touch of a button! Every 3-axis angle of the labelling heads have digital indicators, every head has its own digital spirit level and everything is fully guarded, yet it gives all the access your operators need, when they want it, while knowing they are working in complete safety.

Why Choose an ALS R-Series Rotary Labeller?

- No limitations - suitable for all types and shapes of containers
- Improve efficiency with incredible label application speeds
- Elimination of bubbles or creases through direct product control and guidance
- Adjustable labeller position allows for flexible height adjustment and label centering
- Intelligent product input and output control depending on production line flow
- Cam-based platforms can be later upgraded to IntelliDrive servos, protecting your ROI
- Zero downtime during label roll changes with label applicators in tandem or auto-splicing units
- Installation, training and on-going support by ALS field service engineers
- 2-Year Warranty – the unique ALS guarantee of workmanship & quality

Whatever comes down your line **ALS** can label it

ALS is a leading European supplier and manufacturer of high-quality, competitively priced labelling systems, consumables and accessories. In addition to the ALS R-Series the company offers a comprehensive range of label applicators, print & apply labellers and thermal transfer printers, to meet labelling requirements across an extensive range of industries and applications.



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Specifications are subject to change without prior notice.

SPECIAL PURPOSE



R-SERIES ROTARY LABELLERS

Perfect Label Alignment, Exceptional Speed, Unparalleled Flexibility



High-speed, high-volume application of front/back, multi-sided, neck, recessed & wrap-around labels.

All ALS R-Series rotary labelling systems utilise a multi-station, rotary labelling approach to offer a flexible and modular solution to suit a wide range of applications.

Features:

- Labels containers of all shapes; cylindrical, oval, flat or curved surfaces, straight or tapered
- Various size base machines from 8-platform, up to 24-platform
- Apply up to 5 labels on larger base machines
- Wide choice of label applicators, coders and print & apply options
- Self adhesive and linerless labels can be used
- Stainless steel construction, including machine base, conveyor & labeller supports
- Platforms with intelligent servo-drive motors or traditional cams
- Product spotting and orientation using platform locator pins or vision system
- Quick, tool-free & colour-coded change parts
- Product management of entry and exit by servo controlled feed screw & star wheels
- Integrated vertical sliding guarding doors with full safety interlocks

www.als-eu.com



# ALS R-Series

## 3rd Generation Rotary Labellers

### Going for a spin...

Like a car, the speed & handling of a good labelling machine depends on precision engineering, quality materials & skilled workmanship. For the toughest of labelling requirements which demand the highest of performance for speed & accuracy, with ease of product handling, there is nothing greater than the ALS R-Series rotary labellers.



### ALS IntelliDrive platforms

Programmable, servo-driven platforms allow complete freedom of orientation for individual products as they travel around the carousel, under PLC control, presenting the products in their optimum position for applying each label. With no fixed turning sequence, it opens up a whole new World of possibilities, not to mention improving efficiency. For example, the ALS R-24, with 24 platforms, can have up to 5 labelling heads deployed all at once or have 4 used in pairs, in a tandem mode, for continuous non-stop running. Depending on the size of the base machine and the number of labelling heads, labels can be applied for either wrap-around, front, back, neck, tamper-evident, or tax-strip applications, in any position and if IntelliDrive platforms are installed, then each application setup is selectable at the push of a button. What's even better, is that our IntelliDrive platforms can be *retro-fitted* to a cam-based machine, so your machine grows as your business does!



### Quick, tool-free, change-overs



### ALS IntelliVision

Designed by ALS initially for the wine & spirits markets, where multiple label locations are often relative to a physical feature of the bottle, such as an insignia moulded into the glass, the ALS IntelliVision system looks at a whole container through 360°, *while it is in motion*. Using three high-definition cameras, each viewing 120° of every product as they spin by, a series of raster line scans are taken & joined together to produce three HD images. The processing software then joins them together to give a flattened out 360° view of every product. By training the system to look for the unique attribute(s) of the container or bottle, the PLC keeps track of each & every one & instructs the IntelliDrive platform to turn just the right amount, so that every product is in the same, correct position – all before the first label is applied.

### Full safety guarding



### Smart product orientation

