

# ALS-T-SERIES TUBE LABELLER

# ALS<sup>®</sup>

FOR PLASTIC OR  
METAL SQUEEZABLE  
TUBES



Achieve cost effective, high quality tube decoration the easy way, with the ALS-T-SERIES tube labeller.

A flexible and innovative solution, the ALS-T-SERIES is equally suitable for in-line or stand-alone use, for the accurate application of either partial or complete wrap around labels.

Modular construction allows it to be configured to meet your exact requirements for label application to products such as:

- Cosmetics & toiletries
- Pharmaceutical creams & gels
- Paints & adhesives
- Foodstuffs

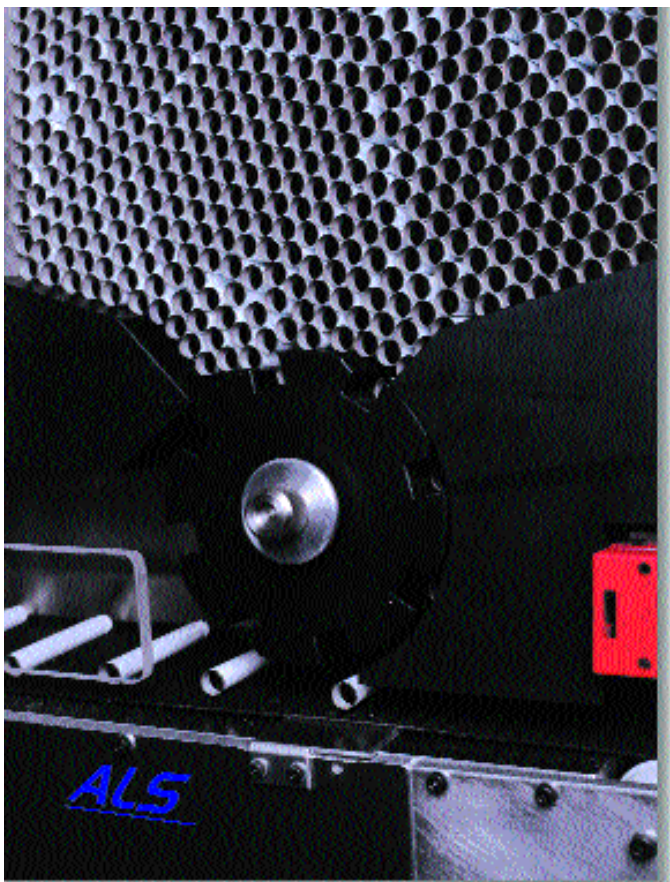
The ALS-T-SERIES tube labeller combines proven ALS labelling head technology with precision engineered components, to provide a highly efficient labelling solution. A solution that helps to increase production throughput at competitive costs, enabling manufacturers and packers alike to optimise product-to-market cycles.

## ***WORLD CLASS LABELLING SOLUTIONS***



## **ALS-T-SERIES TUBE LABELLER, FOR PLASTIC OR METAL SQUEEZABLE TUBES**

**The ALS-T-Series is ideal for applying labels to tubes ranging from 10mm to 50mm in diameter, at speeds of up to 90 tubes/minute.**



Labels manufactured from self-adhesive paper or film materials, in a range of sizes up to 150mm wide, can be accommodated by the ALS-T-Series, including tamper evident tube labels.

In a typical application, the unlabelled tubes are fed to the system from an infeed hopper. A precision starwheel, which is available either in standard configurations or can be produced to match the exact dimensions of the tube, delivers the tubes individually onto a guarded infeed conveyor.

The conveyor transports the tubes to a customised mandrel, which firmly supports each tube as it is indexed past the ALS labelling head. The engineering configuration and customisation of the mandrel to suit the

specific application, ensures that every tube is accurately presented to the labelling head and guarantees high quality tube dressing is guaranteed.

Once the label is applied, the tube is removed automatically from the mandrel, onto a compartmentalised outfeed conveyor. From here it passes to an exit point, either for re-collation or on in-line installations, for conveying downstream to filling and sealing plant.

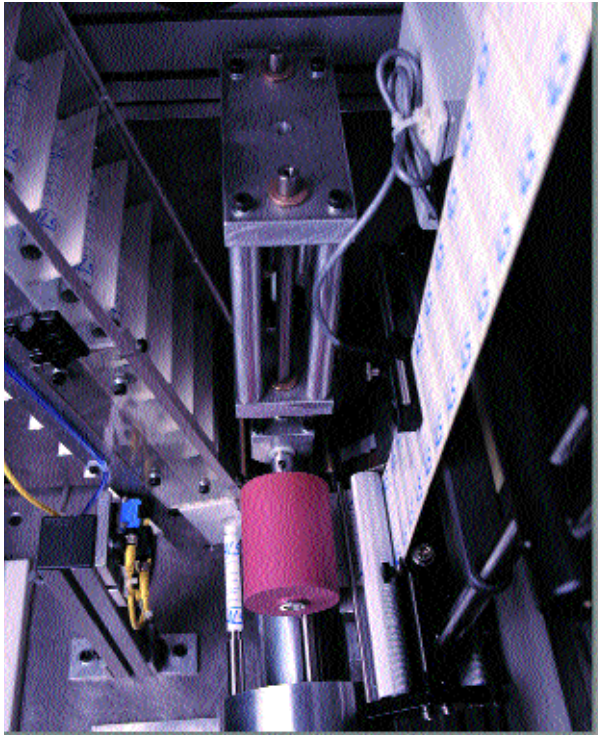
The modular configuration of the ALS-T-Series ensures that change parts can be quickly and easily swapped, with minimal downtime and without the need for special tools.

The adjustments at changeover are noted on calibrated scales incorporated in the system design.





# advanced labelling systems



## Effective Control

System control is by a plc, with operator interface via an easy to use, push button and dial switch panel.

Settings such as machine and drum speeds, conveyor on/off and single cycle, can be set quickly and easily.

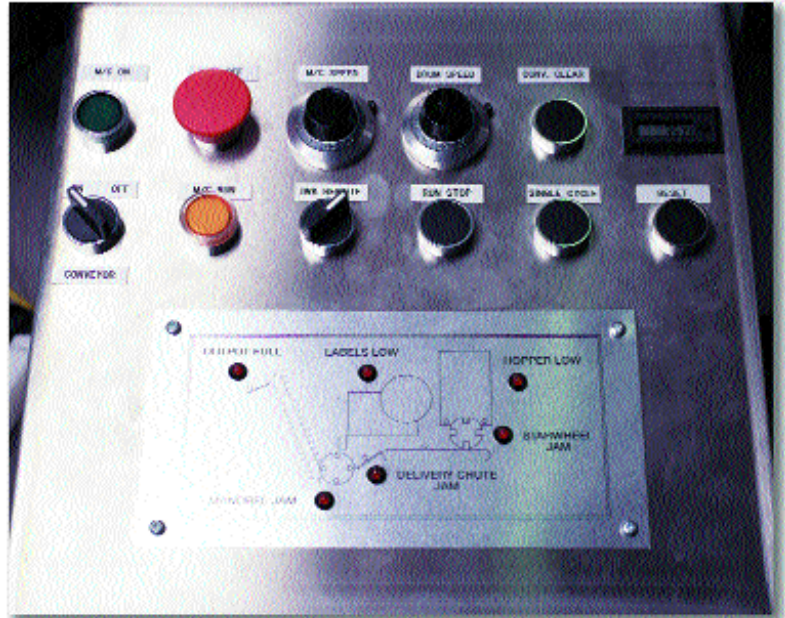
An LCD label counter is incorporated on the control panel, to provide accurate indication of run volumes. Additionally, a simple machine schematic with LED indication also features on the control panel, providing system operators with a quick and easy visual check of system status.

## Standard Features

The proven ALS labelling head technology used in the ALS-T-Series is designed for easy thread-up, with a simplified web path, which is clearly defined on the threading diagram.

Features such as a low warning label facility, broken web indicator and the ability to apply clear labels without the need for a pre-printed registration mark, all enhance operation and contribute to optimum system performance.

As with all ALS labelling systems, each ALS-T-Series tube labeller is supplied with a comprehensive 2 year parts and labour warranty as standard.



## Labelling v. Pre-Printing

**The ALS-T-Series offers many benefits compared with conventional pre-decorated tubes.**

In particular, the flexibility provided by the ALS-T-SERIES enables users to minimise tube inventories for products that may require customisation within a brand, such as multi-language decoration or colour identification, typical with products such as cosmetics and paints.

Cycle times are improved, as labels can be designed and printed in shorter lead times than those required for printing directly onto tubes.

Batch, price or date codes can be printed on the label prior to application.

Additionally, quality issues related to printed tubes and limitations on graphic design are removed, opening up a host of exciting opportunities to develop brand identities for tube packed products.

The ultimate result is increased production throughput at reduced costs, enabling manufacturers and packers alike to optimise product-to-market cycles.



# ALS-T-SERIES TUBE LABELLER



## SPECIFICATION

Tube materials	Plastic or metal
Tube size	10mm to 50mm diameter
Label types	Partial Wrap around Tamper evident
Labelling speed	90 tubes/minute maximum (depending on tube size)
Label width	Max 150mm Min 10mm
Label length	Max 350mm Min 6mm
Labelling head	ALS 341
Mains supply	230V 50 Hz
Air supply	80 psi
Dimensions (basic unit)	Height 2010 mm Length 2010 mm Width 950 mm
Instrumentation	Rate counter Fault indicator (i.e. hopper low, labels low)
Certification	CE marked
Options	Infeed hopper/conveyor Outfeed conveyor Infeed stacking system Cassette loading Bespoke tube delivery starwheels & labelling mandrel Right or left hand configuration IT interfaces Print & apply labelling head
Warranty	2 years parts & labour as standard



### About ALS

Advanced Labelling Systems is a leading European supplier with more than 25 years experience in supplying high quality, competitively priced labelling systems, consumables and accessories.

In addition to the ALS-T-Series, the company offers a comprehensive range of label applicators, print & apply systems and thermal transfer printers, to meet labelling requirements across an extensive range of industries and applications.

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