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Economical Belt Conveyor
Wraparound or Side
Labelling Systems

Image above shows ALbelt C with
ALstep labelling head

AL
belt
C&E

ALbelt C

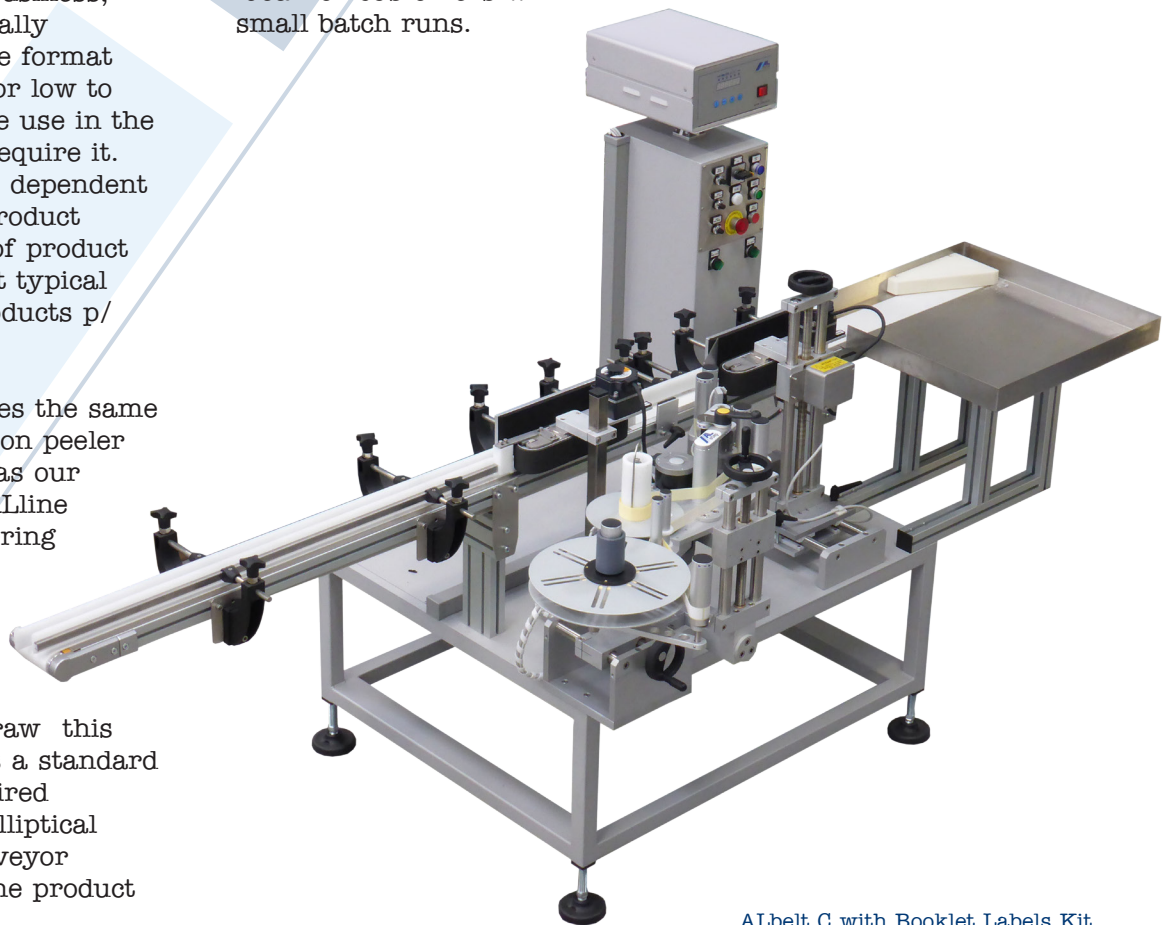
ALbelt C systems are based around our workhorse ALstep labelling head, combined with an open based ALbelt frame with rubberised belt conveyor, to create an extremely flexible, economical entry level conveyor wraparound labelling system.

A modular machine that is built to your requirements and that has the potential to grow with your business; machines are generally used in a standalone format with the potential for low to medium speed inline use in the future should you require it. Application speed is dependent on the size of the product and the frequency of product on the conveyor, but typical speeds of 40-60 products p/minute are normal.

ALbelt C incorporates the same direct wraparound, on peeler application system as our high performance ALline machine series, offering excellent product range flexibility, accuracy and speed. Machines also have the possibility to withdraw this belt and function as a standard side labeller if required (with flat, but not elliptical products), with conveyor widths tailored to the product range presented.

A popular configuration of our ALbelt C machine is the fitting of a SATO LT thermal transfer print module, controlled via an independent dancing arm (ALstep T). This unit allows real time label print and application with or without a ribbon (direct thermal) and is commonly used for date coding and/or full label personalisation, perhaps with a pre-printed generic label stock; ideal for customers with small batch runs.

Finally, it is also possible to configure the machine with a secondary top labelling head; e.g. to apply a lid label in the same pass, and to even add a simple adaption system for tamper seal labels for example, as afforded by the machines flexible base design.



ALbelt C with Booklet Labels Kit

Key Features

- Entry level conveyor based wraparound labelling system for cylindrical/round products
- Can also be used for single side panel labelling of flat sided products
- Possibility to add inline printer
- Possibility to add a secondary top labelling head and/or tamper adaption system

ALbelt E

ALbelt E is configured around a robust open base structure, workhorse ALstep labelling head and rubberised belt conveyor; supplemented with a top stabilisation/holding belt for light or unstable products. A further option of a side belt pre-aligner is also available for elliptical/oval products which cannot be consistently orientated with simple guides.

The alignment system works by removing what is commonly known as 'guide slack'; where a product can still be twisted between a set of guides even with them positioned tightly on its sides. Our side belt alignment belt (one of the simpler orientation systems of our fully automatic ALline series machine) works to minimise this inaccuracy by consistently twisting these products within the guides to the same angle position.

Once orientated there is then a transfer point, where the product is momentarily being held by the drive of both the side belt and now the upper stabiliser belt, which will then maintain the products position to the labelling head, resulting in a consistent, accurate label application.

ALbelt E machines are generally purchased as standalone systems, fed manually by the operator at a throughput of up to 60 products per minute depending on the operator and product. They can be configured with a full range of options including transparent label sensors for clear labels (commonly used with cosmetics, toiletry and shampoo products) or batch and date code printers such as a hotfoil impact printer which is commonly used with chemical trigger spray products.

Although the performance of an ALbelt E machine is far beyond that of a desktop machine, the requirement for continuous motion (usually in the form of a conveyor) to label the product types discussed means that viable solutions of this type do not really exist, and for this reason an ALbelt E machine is often an entry level, 'first machine' solution.



ALbelt E Side Panel/Elliptical Product Labelling System

Key Features

- Suitable for light/unstable and/or elliptical/oval shaped products
- Transparent label and batch code printing options
- Highly robust design and build
- Fast labelling rates, typically between 40-50 products p/minute



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