

## *A102 Vertical Trunnion Belt Wrap-around Labeling System*



A series of rotary labeling systems designed for the extra high speed and high precision requirement of the beverage, food packaging, beauty care, and chemical industries. Achieves different labeling modes including round bottle with orientation and round bottle with multi-labels, oval bottle front/back, square bottle wrap around, square bottle multi-sided, conical bottle etc. Multiple work stations are driven to spin by a cam or by motor while revolving around a carousel, and various methods are available for aligning bottle orientation to ensure fully and precisely controlled orientation of the bottle for accurate labeling. Options available: non-stop label roll change, synchronized coding, vision inspection.

- Use of trunnion belt and wrapping belt together allows high speed rotation of bottles while transporting at close pitch, thus achieves high throughput capacity.
- Support of trunnions on bottles ensures high precision end-to-end alignment of the label on full round labeling.
- Servo driven timing screw to feed bottles on the trunnion belt at synchronized pace, ensuring smooth transfer of bottles and labeling process even at extreme fluctuation of incoming frequency of bottles.
- Multiple ball bearing supported trunnion design, ensuring quiet and smooth movement of the belt and thus durability.
- Powered label unwind allows use of label roll of up to 500mm diameter, specially designed to cater for the extra long label lengths in full round labeling.
- Various inspection options for missing labels, missing code, code content, and label position etc., and an synchronized automatic rejection mechanism is also available to ensure output quality.
- Various coding device options including hot-stamping, TTO, CIJ, TIJ and laser for synchronized imprinting on the labels. Seamless integration with most common brands of coding devices so that the system can react to and record the alarm signals and status log of the device.

- User friendly HMI, stores up to 50 sets of recipes (including product dimensions, label length etc.) for immediate use on product change.
- Servo driven labeling engine with an emery coated traction roll ensures persistent frictional coefficient; double traction point design ensures consistent label liner tension thus avoids liner breakage and achieves high stopping precision.
- Use of world class control and motion components to ensure long term reliability and stability of the system.

## Technical Parameters

Model :	A102
Name :	Vertical Trunnion Belt Wrap-around Labeling System
Capacity :	200pbm
Weight :	600kg
Electricity:	220VAC±10% 50Hz 2Kw
Dimension(for reference) :	(L)3,300×(W)1,350×(H)1,990 mm
Please select the PDF file link for specification detail after sign in.	