

Colamark



(The Safe Cover is an optional item)

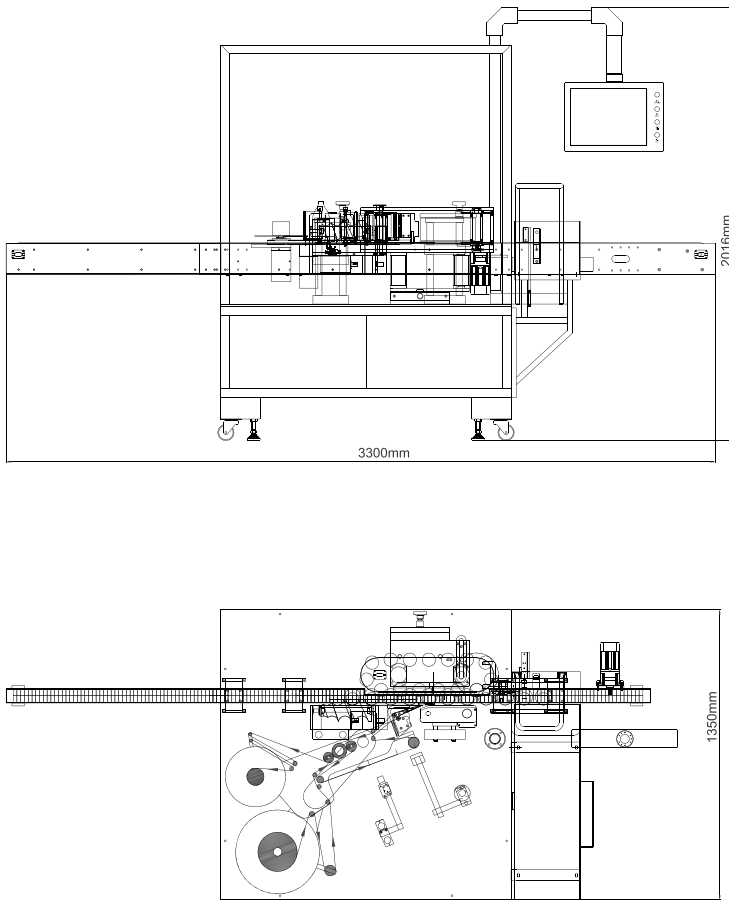


Colamark A102 Vertical Trunnion Belt Wrap-around Labeling System

A102 is designed for high speed and high precision wrap around labeling on large round bottles. The system uses a vertical trunnion belt to support and transport the bottles and a wrapping belt to drive the bottles to rotate at high speed on the trunnions. Support of the trunnions on the bottles allows the bottles to rotate at high speed while maintaining a close pitch distance, ensuring high throughput capacity and precise label alignment at the same time. A servo driven timing screw feeds the bottles on to the trunnion belt at synchronized pace ensuring a quiet and stable operation throughout the process. A102 is an ideal solution for high precision full round labeling on thick, heavy, and noise generating objects such as large glass bottles and cans.



Features



- 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

Model	A102
Material size	Diameter: 50-80mm (It can be adapted to a larger diameter range by changing the specifications.)
System capacity	Stable Speed >200 ppm
Labeling precision	±0.6-1.0mm (excluding errors from materials)
Electricity	220VAC±10% 46-62Hz 1.5kW
Dimension	(L)3,300 × (W)1,350 × (H)2,016 mm

(Custom engineered solutions are available to cater for customer's special needs.)

For continuous improvement on design and product innovations, all specification data are subject to change without prior notice

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