

Compact WVT (High Speed)

DESCRIPTION

The flagship of Wrap machines, the High Speed **Compact WVT** applies a Wrap label/s to Round containers. This machine is meant to operate very fast and/or in a Non-Stop mode (Zero Downtime). The label/s can be partial or full wrap onto cylindrical products while the machine is meant to be operated in an existing line.



EXAMPLE APPLICATIONS

- Small Round Shampoo Bottles
- Water Bottles - 375ml & 600ml
- Automotive Products
- Cylindrical products where speed and Non-stop operation is critical

PROCESS

The standard machine consists of a 2.4M x 900mm high conveyor (relative to specific configuration). On pressing Run the conveyor starts, the products will travel until they come in contact with the variable speed Star wheel, the products are then released at intervals set by the operator. The product then travels until it is gripped between the wrap belt and a counter pressure pad at this point 1 or multiple labels can be dispensed. With the Tandem feature incorporated the machine can be set in Tandem mode or not - if not, two different labels can be applied to the product. When Tandem is activated the same label is set on each labelling head and when one head runs out of labels the other head commences labelling immediately - ensuring that no product receives two labels or no product goes without a label.

TECHNICAL DATA

Specifications	
Conveyor Length	from 2400mm
Conveyor Height	900mm
Overall Dim'	L2400xD900xH1650
Power Requirements	240V
Gross Crate Dim's	L2600xW1300xH1600 - 700Kg's

NOTES:

Compact Labelling (Thailand) Co., Ltd.

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Capacity	
Label Roll Diameter	380mm - 76 Core
Product Diameter	Min' 20mm - Max' 115mm
Label Size	Min' 20mm x 40mm
Label Height	Max' 180mm - Opt' 250mm
Label Length	Max' 300mm*
Throughput	up to 300 per minute*

* Product & Label Dependent

FEATURE LIST

- Uses the reliable Compact Labelling Head and controller - ensuring Ease of set up
- Designed to be incorporated into demanding, high-speed production lines.
- Full Synchronised speeds - incorporating German Stepper Motors on the labelling heads and AC Brushless motors on all other drives
- Stack/Tower Light with operator friendly logic - flashing / on / off light sequence
- Zero Down Time - Non Stop operation
- Motorised Rewind Units - using AC Brushless motors for no maintenance to rewind full roll of backing paper
- Heavy duty Vacuum Generator
- Star wheel Product Spacing with Bank-up sensor
- Robust, heavy duty construction – the machine is designed for years of trouble free and maintenance free productivity. No lubrication or awkward adjustments are required
- Quick setup for various containers and labels, with minimum change parts and tool-less adjustments
- Simple to Operate with the build it alarms and Compact controller
- Economical design incorporating high reliability and low maintenance

OPTION LIST

- Unique conveyor design incorporating side transfer sections - this allows machine to be pushed up against existing conveyor line and operate without breaking the line. When not is use simply wheel it away to another location.
- Capacitance Scanner - for detecting Clear labels
- Conveyor Lengths - 3.0M, 3.6M, 4.8M

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