COMPACT COMBINATION LABELLER

DESCRIPTION

The **Compact Combination Labeler**, incorporates front back and wrap labelling capabilities all in one machine, as the name implies the machine comes in various configurations FBW**,** FB3R**,** FBWV**,** FBW3R and FBWV3R, all of which provide the capability of labelling Front and Back on non-round or oval containers as well as wrap labels on round containers. The machine can be operated in an existing line or as a Stand-alone unit.

EXAMPLE APPLICATIONS

- *** Front / Back
- Personal Care products - Shampoo etc…
- Chemical or Household products as in Window Cleaner or Automotive type products.
- Engine Oil - Jerry Can type containers
- Pharmaceutical products
- *** Wrap
- Aerosol Cans - with label/s oriented to seam, spot, full or partial wrap
- Plastic Bottles - with full wrap label - where label alignment is critical
- Poison or Embossed Bottles - with orientation to embossing
- Soft sided bottles - maintaining good control

NOTES:

Compact Labelling Systems - Australia
Matthews Australasia Pty Ltd.
35 Laser Drive, Rowville, Vic. 3178 Australia
Tel. 1300 263 464 (24 hours)
E-mail: info@matthews.com.au
http://www.compactlabelling.com.au

Compact Labelling Systems
A business unit of **Matthews**

COMPACT COMBINATION LABELLER

PROCESS

The standard machine consists of a 3.6M x 900mm high conveyor. On pressing Run the conveyor starts, the products once on the conveyor will travel until they come in contact with one of the Product Spacing devices.

Front/Back: The products are then released at intervals set by the operator. The product is then aligned by the Squaring Chain Unit, this aligns the product prior to being gripped by the Overhead Conveyor which is automatically synchronised to travel at the same speed as the main conveyor. The product then has the side labels wiped onto the product.

The **Wrap W** or **WV** (**V**acuum), provides speed and flexibility when wrapping label/s on cylindrical containers. The key advantage of this style of machine over the 3R range is speed. The label/s can be partial or full wrap while the machine can be operated in an existing line or as a Stand-alone unit. The W capability uses the back labelling head, if one labelling head is insufficient and the Front/Back capability not required the WV2 or WVT should be investigated, as against the WS machine which has no capability of growth.

TECHNICAL DATA

SPECIFICATIONS

Conveyor Length	from 3000mm
Conveyor Height	900mm
Overall Dim'	L3600xD2100xH1650
Power Requirements	240V & Air*

* Dependent on machine style

CAPACITY

Label Roll Diameter	Max' 380mm - 76 Core
Min' Product Size FB	20w x 20t x 60h - based on stability
Max' Product Size FB	300w x 110t x 300h
Min' Product Size W	20Dia x 40h
Max' Product Size W	110Dia x 300h
Label Size	Min' 12mm x 12mm*
Label Height	Max' 180mm - Opt' 250mm
Label Length	Product Specific
Throughput	up to 150 per minute**

* Dependent on machine style
** Product & Label Dependent and operation style

NOTES:

Compact Labelling Systems - Australia
Matthews Australasia Pty Ltd.
35 Laser Drive, Rowville, Vic. 3178 Australia
Tel. 1300 263 464 (24 hours)
E-mail: info@matthews.com.au
http://www.compactlabelling.com.au

COMPACT COMBINATION LABELLER

FEATURE LIST

- Uses the reliable Compact Labelling Head and controller - ensuring Ease of set up
- Full Synchronised speeds - incorporating German Stepper Motors on the labelling heads and AC Brushless motors on all other drives
- Centralising & Aligning Squaring Chains - for perfect product alignment without the need for change parts
- Independently Sprung Segmented Overhead Conveyor - allowing for bottle height variations
- 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 built in alarms and Compact controller
- Economical design incorporating high reliability and low maintenance

OPTION LIST

- Capacitance Scanner - for detecting Clear labels
- Motorised Rewind Units - using AC Brushless motors for no maintenance to rewind full roll of backing paper
- Conveyor Lengths - 4.8M
- Squeegee applicators for that "No-Label Look"
- Devices for 3 & 4 panel wraps
- Hot Foil Printer or Thermal Printer – for printing use by/batch codes or bar codes
- Product Spacing Devices = Pneumatic Gate, Dual Drive Wheel, Free Spinning Wheel

NOTES:

Compact Labelling Systems - Australia
Matthews Australasia Pty Ltd.
35 Laser Drive, Rowville, Vic. 3178 Australia
Tel. 1300 263 464 (24 hours)
E-mail: info@matthews.com.au
http://www.compactlabelling.com.au