

Compact FB - Front / Back Labeller

DESCRIPTION

The criteria customers look for in a Front Back Labeller is ease of setup, accurate & consistent label placement and reliability. These are all the features built into the **Compact FB** range of machines. When labelling large Jerry cans - possibly with only a front label, this machine can be supplied as a Front only - F. While the FB style of machine permits the labelling of Non-Round/Oval containers, it's common for customers to require the capability of Wrap as in **Combination** style machines. The machine can be operated in an existing line or as a Stand-alone unit.



EXAMPLE APPLICATIONS

- Personal Care products - Shampoo etc...
- Chemical or household products e.g window cleaner or automotive type products.
- Engine Oil - Jerry Can type containers
- Pharmaceutical products

PROCESS

The standard machine consists of a 3.0M 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, 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 on.

Specifications

Conveyor Length	from 3000mm
Conveyor Height	900mm
Overall Dim'	L3000xD2100xH1650
Power Requirements	240V

Capacity

Label Roll Diameter	380mm - 76 Core
Product Thickness	Min' 20mm - based on stability
Product Height	Max' 300mm
Label Size	Min' 12mm x 12mm
Label Height	Max' 180mm - Opt' 250mm
Label Length	Product Specific
Throughput	up to 150 per minute*

NOTES:

Compact Labelling Systems Pty. Ltd.

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<http://www.compactlabelling.com.au>

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* Product & Label Dependent

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 build it 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 - Min 2.2M - 3.6M, 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 Wheels, Free Spinning Wheel
- Add capability of Wrap as in Combination style machines

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