MECTEC

B100
Non-contact - ideal for delicate products

The Mectec B100 unit is ideally suited to non-contact printing and labelling applications on non-rigid products e.g. in the food and grocery industries. It is also perfect for high speed applications where the distance to product is relatively short. The B100 has also been successfully employed in many beverage sites and a wide range of other industries. Non-contact label application ensures no damage to delicate products. This fast and convenient label applicator is very tolerant to fluctuations in distance to the product surface.

Easy to operate - simple operation and unrivalled capability

- Clear monitoring & control with optional Touch-panel colour user interface
- Easy navigation and operation with intuitive Quick-Step software
- Minimum downtime with tool-free magnetic print head mounting system & expanding ribbon mandrels

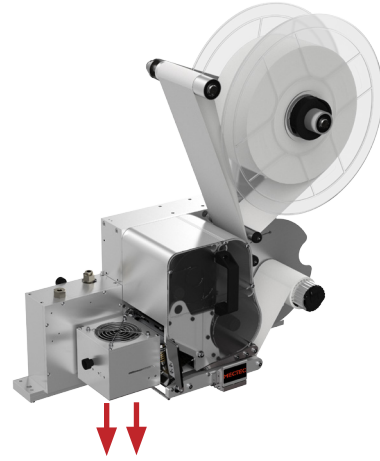### Improved performance - sets the standard for efficiency

- 600m ribbon & label roll capacity within a compact footprint
- Print speed up to 300mm/sec
- Robust design supports all mounting orientations
- Supply chain compliance with full GS1 coding capability at high res. including bar codes, text and graphics

Lower Total Cost of Ownership - reduced cost and increased uptime

- Guaranteed print head life up to 100 km
- Lower material wastage with full label coverage allowing optimum label size
- Increased uptime with fast consumable and print head changes

Benefits of B100

- Non contact for delicate products
- Labelling of moving or stationary products
- High speed labelling
- Industrial robust design
- Easy and fast consumable changes
- Side or top labelling
- Left and right hand versions as standard

Models	B100
Left or Right handed version	●
Blow	●
Number of labels per product	1
Possible label positions	Top or Side
Label widths allowed	40 to 100 mm
Label lengths allowed	40 to 100 mm
Max distance to product	50 mm
Direct Thermal capability	●
12 dots/mm (300dpi) print resolution	●
Max print width	108 mm
Max width of backing paper	114 mm
Max ribbon width	115 mm
Max ribbon & label roll length	600 m
Ribbon rolled	Ink-out
Max label roll outer diameter	340 mm
Label roll inner diameter	76 mm
Minimum label gap	3 mm
Input air pressure	6 bar - clean dry air
Air consumption (per cycle)	0,5 litres
Power consumption (per cycle)	300Ws
Idle power	50W
Low level media sensors	●
Non-stick pad	●
No drop functionality	●
Status beacon (Green/Yellow/Red)	Optional
Touchpanel	Optional
Communication interface	2 x RS232, 1 x USB, Ethernet TCP/IP
I/Os (configurable)	10 inputs + 10 outputs
Input voltage	90-250VAC 50-60Hz
Operating temperature	5°C to 40°C
Dimensions (L x W x H)	635 x 258 x 614 mm
Weight kg (incl control unit)	27 kg
Recom. max linear speed of conveyor	20 m/min
CE approved	●

● = Standard features

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