



TB4 & TB6

Fast and flexible Print & Apply

TB4 and TB6 will give you one of the most flexible and safe Print & Apply solutions on the market. With a high speed tamp applicator, designed with built-in blow function, you can label up to 100 products/minute* without touching the product.

Designed for high speed applications, typically used in beverage and food applications, the solution is preferred when non-contact labelling is needed.



Safe by design

- No pinch points and low mass on moving parts.
- AutoStop feature stops movement in case of obstruction.
- Air monitoring and No Drop functionality - detects and warns if compressed air is lost and maintains control of cylinder and label.
- Label check sensor ensures the label does not get lost.

One machine - many possibilities

- Easily configurable for stroke lengths from 0 to 360mm.
- Optimised cycle speed with adjustable stroke length.
- Adjustable dispensing beak option for increased throughput.

Maximum uptime

- Easy and quick consumables changes for minimum downtime.
- Quick and tool free thermal print head replacement.
- Intuitive interface with operator guides when error or status message is shown.
- Easy control with Idle/Reset button directly on applicator.

Technical Specification

For labelling on the top, bottom or side, the TB4 and TB6 can be configured to suit your needs.

	M230i-TB4	M230i-TB6
Print engine width	4"	6"
Print technology	Thermal Transfer / Direct Thermal	
Resolution	12 dots/mm (300dpi)	
Orientation	Left hand or Right hand	
Label & Ribbon lengths	Up to 600m	
Max print speed	300mm/s	200mm/s
Recom. print speed	200mm/s	125mm/s
Max stroke length / distance to product	160mm or 360mm	
Pad options (WxL mm)	50x30 50x36 80x40 80x50 100x50 100x70 100x100 120x60 150x100	
Adjustable dispensing beak option	Yes	Yes
Dimensions (LxHxW mm)	Min 593x634x272 Max 640x762x272	Min 593x634x327 Max 640x762x327

Controller

All Print & Apply units are equipped with a powerful Controller.



Communication	2 x RS232, 1 x USB 2.0, Ethernet
I/Os (configurable)	10 Inputs and 10 Outputs
User interface	Graphical display with 25 languages
Dimensions (LxHxW)	405x130x280mm

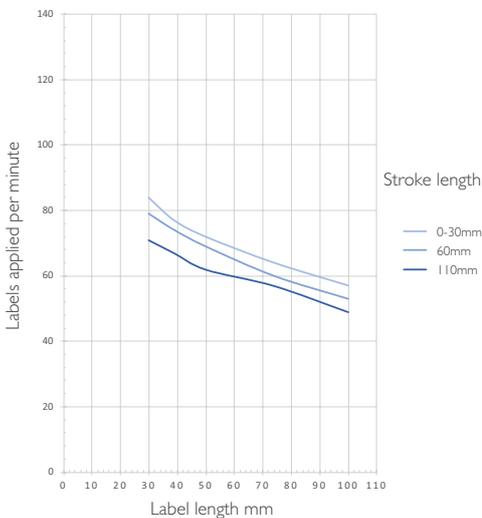
Accessories

The TB4 and TB6 can be equipped with optional accessories, which can be ordered separately.

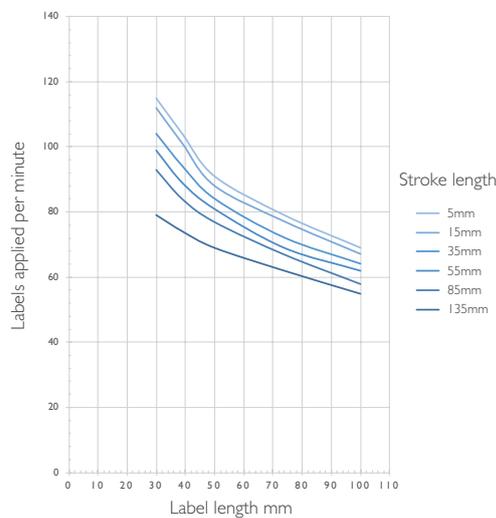
- TouchPanel interface
- Trigger sensors
- Status beacon
- Floor stand
- Pneumatic kit
- Software



Performance - Labels applied per minute



This performance data is based on a TB4 with standard dispensing beak, a print speed of 200mm/sec and run in DPA test environment, together with Mectec consumables.



This performance data is based on a TB4 with an optional adjustable dispensing beak, a print speed of 200mm/sec and run in DPA test environment, together with Mectec consumables.

Higher throughput with the adjustable dispensing beak

To improve cycle time an adjustable dispensing beak can be mounted to the printer. When doing this, the printer is printing one or more labels ahead and does not have to reverse the backing paper before printing the next label. Useful in batch labelling where a high throughput is essential.



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● Standard features

* Based on a TB4 with a 40mm long label, 15mm stroke length, adjustable dispensing beak and run in DPA test environment, together with Mectec consumables. For more information based on specific customer configurations, please talk to your sales representative.