

VULCAN

Front of Pack applicator



ICE

VULCAN Front of Pack

The Vulcan with the Front of Pack applicator is ideally suited for cases or shrink wrapped products requiring a label to be applied to the front of a moving pack. This can include instances when a larger label footprint is required, the long side needs to be accessible for pallet stacking or to avoid damage to the primary package when labelling the open end of a shrink wrap product.

In particular with shrink wrapped packs, where it is not practical to turn or rotate a product to align it to a side, direct label application when the product exits the shrink wrap tunnel, the Front of Pack applicator is a suitable option available.

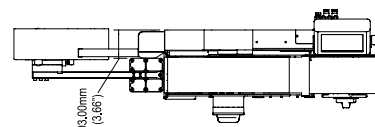
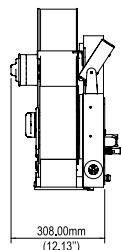
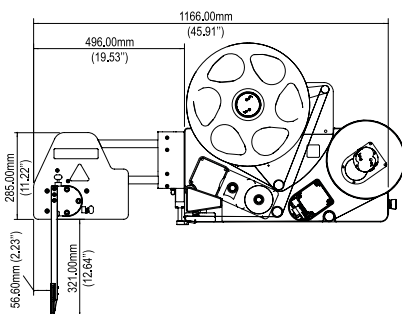
The label is applied using a robust, pneumatically controlled arm applicator which uses integrated pack detection and applicator home/extended sensor functionality to ensure accurate label placement every time.

Throughput speeds can surpass typical front of pack machines, however will remain lower than side apply systems, due to the pack spacing requirements with a system of this kind.

With Front of Pack, the benefits of the unique technological innovation of the Vulcan can be accessed, including:

- › Simple mechanical design.
- › 80% fewer wear parts, reducing constant ongoing maintenance requirements.
- › Electronic label supply to automatically adjust and maintain tension.
- › Proven clutchless thermal transfer ribbon drive.
- › Compact design and small footprint with simple integration in to existing packaging line.
- › CLARISUITE software products.

Application method	Top mount swing arm with 305mm reach
Print technology	Thermal transfer printing with Intelligent Motion™ ribbon drive and direct thermal
Printhead	107mm printhead Tool-free quick release printhead replacement
Print speed	40 - 500mm/sec
Throughput	Up to 60 packs per minute, dependant on label size and telescopic stroke. Recommended maximum conveyor speed 30m/min.
Print resolution	300dpi/ 200dpi emulation mode
Label specification	Width: 50mm - 115mm Length: 50mm - 120mm Capacity: Up to 400mm spool diameter (typically delivers over 9000 typical GS1 barcode labels per roll). Low labels and end of label detection with predicted changeover time built in as standard. Automatic adjustment for label/backing type and label size.
Tamp sizes	Standard: 100mm x 100mm Optional: 50mm x 120mm, 75mm x 120mm, 100mm x 50mm, 100mm x 70mm, 100mm x 150mm
Compressed air	6 bar, 90psi, uncontaminated
Weight	Complete system: 51kg Front of Pack applicator: 11kg Vulcan with labels and ribbon: Max 40kg



Vulcan Front of Pack Specification

For the full Vulcan specification information, please see the Vulcan product brochure.

