



VL-ILC - Intermittent Motion Inline Vertical Cartoner



The VL-ILC - Intermittent Motion Inline Vertical Cartoner provides case/carton erecting, bottom sealing, top loading and top sealing all on one compact frame. The VL-ILC is suitable for top load applications such as bottles (both glass and plastic), bags, pouches, and wrapped product. Numerous infeed systems can be designed such as pick and place robots (Delta 3 or Gantry), loading funnels, or manual loading. The VL-ILC has the flexibility to run auto-bottom cartons, corrugated cases, chipboard cartons and more. Heavy duty framing, Allen Bradley Servo Motors and Drives, transparent machine body, and category 3 guarding with safety interlocks are standard on the system.

Features

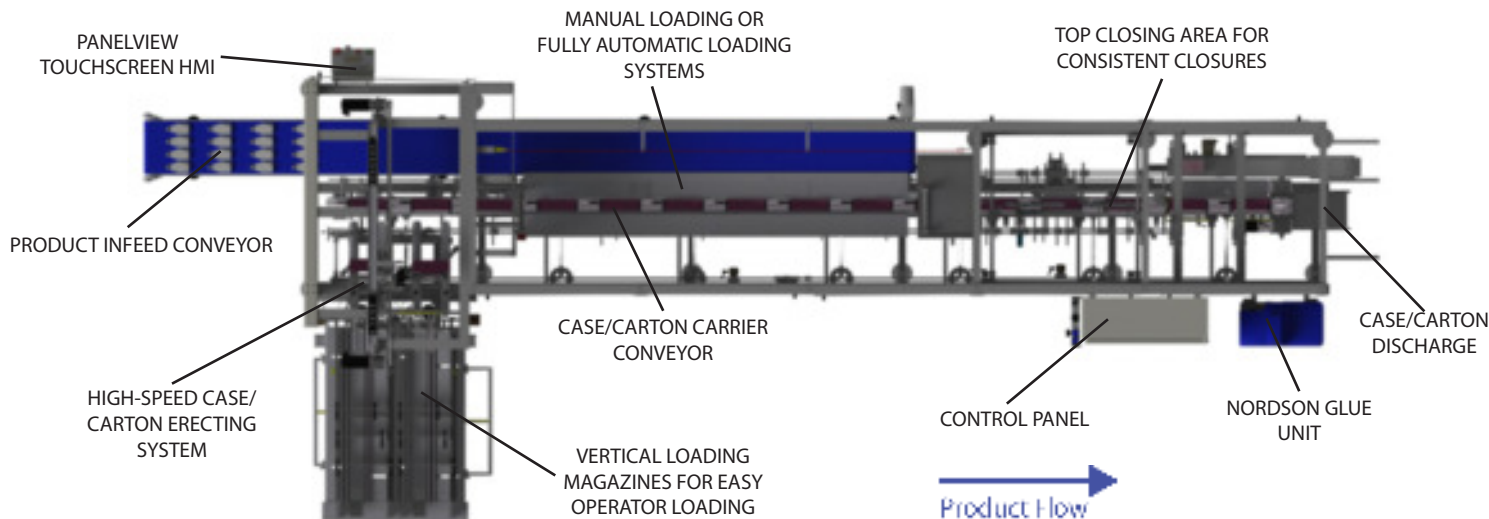
- » Left or right hand machine arrangement
- » All Axis Servo Changeover to complete changeovers in less than 5 minutes
- » Open flap detection and rejection systems can be included to improve product quality and efficiency
- » Numerous options are available including remote diagnostics, additional emergency stop buttons, counters for quick changeover, and extended magazines
- » Wet environment construction and electrics are available



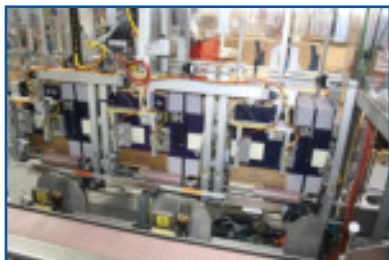
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Typical Floor Plan



Key Components



The VL-ILC's case/carton erector can handle glue, tuck or auto-bottom cases/cartons with ease. The VL-ILC provides positive and square closures.



Vertical magazines are designed to ensure adequate back pressure and squaring for case/carton erecting. Easy loading is also featured in the case/carton magazines.

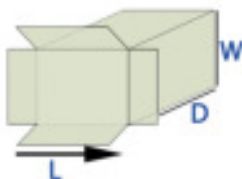


Numerous engineered loading systems can be implemented on the VL-ILC. This allows flexibility to run bags, bottles, pouches and more on the VL-ILC.

Size Range

Standard (Special)		L	W	D
Size Ranges (Inches)	min.	4	3	4
	max.	12	7	14

* If size outside carton size range, please contact an AFA representative



Process

