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PACKAGING AUTOMATION SPECIALISTS

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## M2000 SIDE LOAD CASE PACKER



### Making a case for versatility and reliability. Progressing forward, with confidence.

The M2000 offers a variety of features to meet the needs of side load case packing. While minimizing the impact of packaging operations, there is less wasted energy and materials used.

The M2000 uses an indexing motion for efficient loading speeds and conservation of energy. With a smaller footprint, a digital magazine counter, and on-demand operations, the M2000 ensures quality and effective services. Designed for your solution, the M2000 can be all servo-driven or a cylinder/servo combination, and can run as dual-indexing for increased speeds.

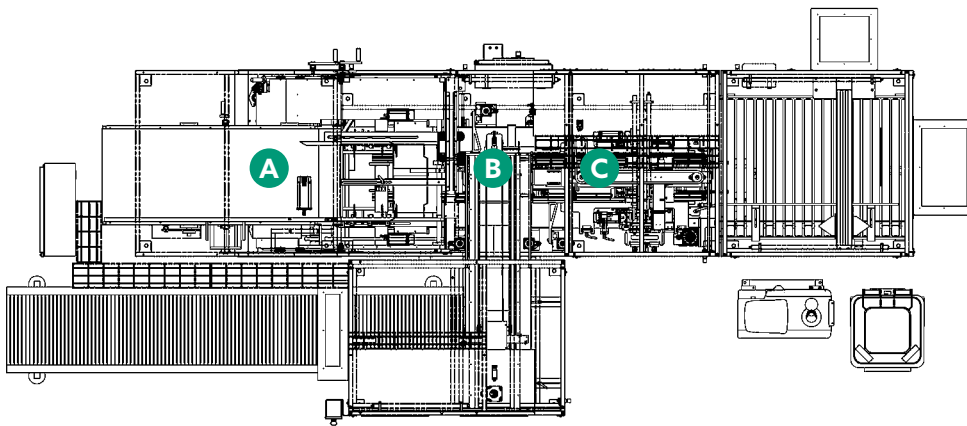
#### FEATURES AND BENEFITS

- Intuitive PLC based HMI allows for enhanced operator experience
- Electronic feedback aids in changeover confirmation
- Space saving, machine mounted electrical cabinets with modular design simplifies installation
- LED light system provides improved visibility and strategic lighting
- Seamless lightweight aluminum guard package is built into the machine frame for a smaller footprint and eliminates gaps that can pose sanitary issues
- Walk-in design allows for easy access into the machine for cleaning and maintenance eliminating need to lean over a frame to work inside the machine
- Optional start system allows for the case packer to be started from two locations the HMI and a remote push button.

## TYPICAL PRODUCT SPECIFICATIONS

<b>Footprint</b>	12' x 4' (approximate depending on configuration)	<b>Display</b>	10' color touchscreen
<b>Speed</b>	Up to 35 cases per minute and 45 cases per minute for the dual-indexing (product and machine configuration dependent)	<b>Magazine Capacity</b>	150 blanks (extended magazine available)
<b>Product Type</b>	Bottles, cartons, cans & tubs	<b>Frame</b>	Welded frame, gray powder coat (stainless steel or wash down design available)
<b>Case Type</b>	Knock-down (RSC & HSC), wrap-around, harness & tray	<b>Electrical Requirement</b>	NEMA 12 (NEMA 4 or 4X electrics available)
<b>Case Size</b>	No set range predetermined, accommodates wide range of sizes	<b>Air Requirements</b>	80 PSI @ 16 cfm

## PRODUCT OPERATION



The M2000 case packer can be designed for an inline or T configuration by changing the infeed direction.



**A. MAGAZINE**

A case blank is picked by vacuum from the magazine and positively set in the flight chains. Ergonomic designs allows easy accessibility to magazine loading area.



**B. CASE LOAD**

The case moves through the loading sections of the machine. Funnels, tuckers, and compression are powered with air cylinders.



**C. CASE SEAL**

The full case indexes through a compression and sealing area. The completed case is then discharged to the purchaser's take away conveyor.



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