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PACKAGING AUTOMATION SPECIALISTS

**EoL**  
END OF LINE

# M4000 HIGH SPEED CASE PACKER



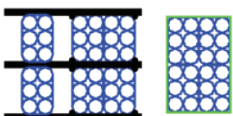
## Unsurpassed combination of high speed flexibility

The Brenton M4000 case packer provides customers with a high speed, flexible solution for loading a wide range of products in cases or trays on the same machine. It forms, loads and completes up to 75 cases/ trays per minute. The All-Servo Driven M4000 allows multiple pack patterns in wrap-around cases and trays, including economical 5-panel wrap-around cases for traditional RSC applications. Brenton merges traditional packaging and servo technology with innovative case blank handling to reach extremely high speeds in a small footprint for an inline machine. The result for customers is a fully automatic, extremely efficient machine with an uncomplicated, easy to maintain design.

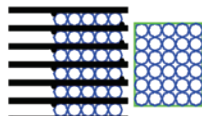
### FEATURES AND BENEFITS

- High Speed System to integrate into today's advanced packaging lines
- Innovative Blank Handling that allows for in-line flow of product
- Ergonomic design reduces operator strain while loading blanks – extended length magazines available and easy operator access for ease of maintenance.
- Proven Product Metering that allows for smooth product handling
- Custom Designed Infeed and Layout configuration to fit various product and plant layouts
- Accommodates Wrap-Around style case blanks
- Can accommodate case and tray pack patterns within a common machine

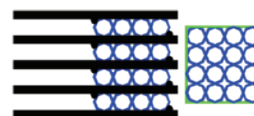
### PACK PATTERN EXAMPLES



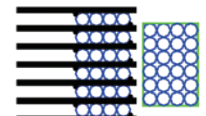
2 X 1 X 2



5 X 1 X 6



4 X 1 X 4



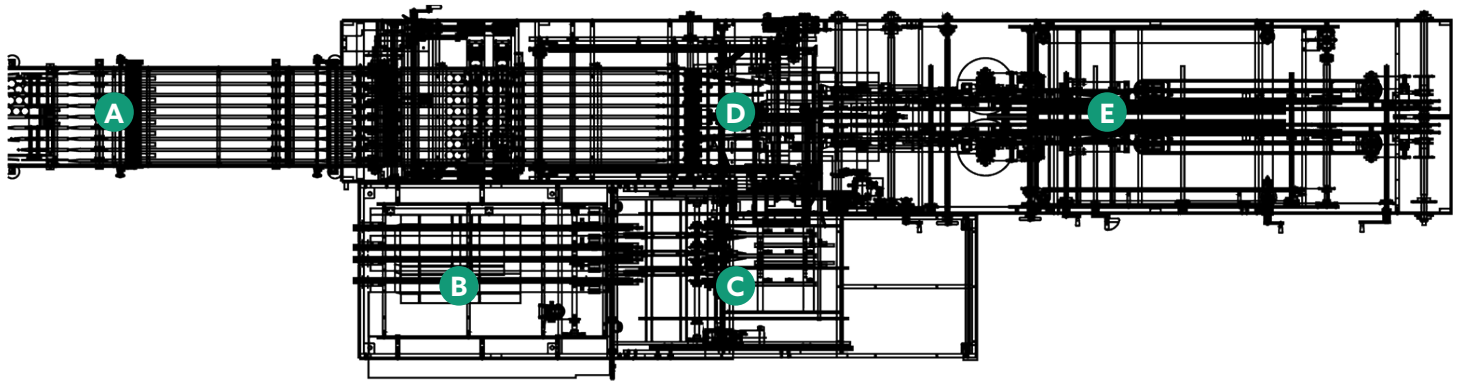
4 X 1 X 6

## TYPICAL SPEC INFORMATION

<b>Footprint</b>	25'-10" x 8'-10"
<b>Speed</b>	Up to 75 cases per minute (pack pattern, case size, and accumulation dependent)
<b>Product Type</b>	Bottles and cartons
<b>Case Type</b>	Tray, wrap-around (includes 5-panel)
<b>Case Size</b>	No set range predetermined, accommodates wide range of sizes
<b>Case Seal</b>	Glue

<b>Display</b>	10" color touchscreen
<b>Magazine Capacity</b>	6' low level (extended magazine available)
<b>Frame</b>	Welded frame, gray powder coat (stainless steel or washdown design available)
<b>Electrical Requirement</b>	NEMA 12 (NEMA 4 or 4X electrics available)
<b>Air Requirements</b>	80 PSI @ 16 cfm

## PRODUCT OPERATION



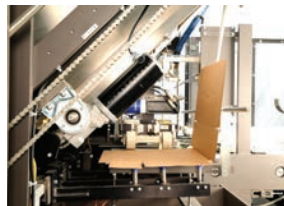
### A. PRODUCT INFEEED AREA

Product is metered and released using dual-pin servo technology. The released pack pattern moves onto the pack transfer area where it meets the shuttled L-shape blank.



### B. ERGONOMIC MAGAZINE

Case blanks are vacuum picked from the horizontal magazine, erected into an L-shape, and shuttled across chain conveyor to meet the pack pattern at the pack transfer area.



### C. CASE TRANSFER

Nip roller trap ensures positive transfer of the case blank over to the flights.



### D. PRODUCT LOAD

Position and speed of the product transfer unit in relation to the blank allows for continuous pack pattern loading into the L-shaped case.



### E. CASE COMPLETION

After loading, the case moves through the continuous folding, sealing, and compressing sections of the machine. The finished case is then discharged from the machine.



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