



MERCURY HS™

VERTICAL FORM/FILL/SEAL

High performance, completely configurable solution for small and large bags



The Matrix Mercury HS™ is the most popular Matrix form-fill-seal machine due to its speed, dependability, and low annual operating cost – less than \$1,000 per year. Each Mercury HS offers a self-centering film drive down system, automatic edge guide film tracking, and short travel, angled incline film upwind, all of which contribute to precise film movement and trouble free operation. Tool-free quick-change core chucks help to ensure fast changeover between jobs.

FEATURES AND BENEFITS

- Stainless steel frame and NEMA 4X electrical enclosure
- Allen Bradley MicroLogix PLC
- 7" color touch screen
- Danaher MicroStepping Motors for film pull and jaw motion control (servo optional for jaw)
- "SmartJaw" ST horizontal sealing technology
- Compared to other high speed machines, the Mercury has a small footprint, conserving valuable floor space
- Highest performance for the price
- Laminate or poly film sealing capability
- Full compatibility with all types of fillers

TYPICAL PRODUCT SPECS

Cycle Speed	Up to 140 BPM (depending on application)	
Electrical	230V (+/-5%) 30 AMP Single phase, 50/60 Hz	
Air Pressure	3 - 10 CFM @ 80 PSIG (demand varies by application)	
Bag Sizes	Width	Length
Minimum	2" (76mm)	3" (76mm)*
Maximum	11" (457mm)	15" (584mm)*
Film Roll (std)	14" diameter (Elete DS13)	
Film	Laminate or poly film sealing capability	
Filler	Compatible with all types	

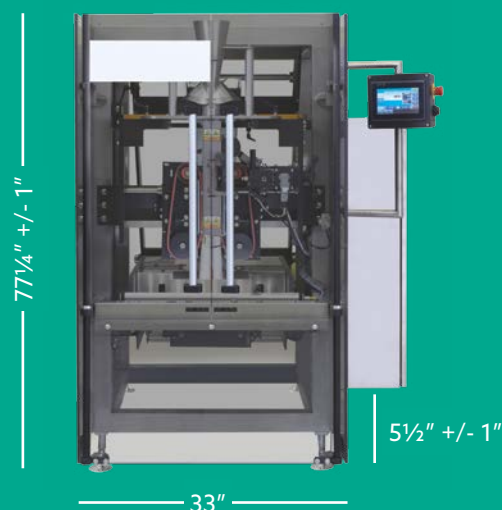
* Longer bags possible with multi-pull feature

OPTIONS

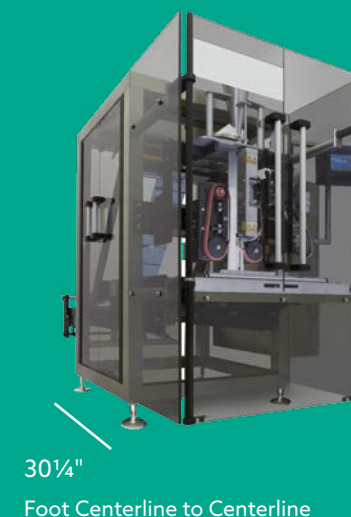
- Poly jaw system
- Hole punch (mechanical or heated)
- Tear notch
- Flat bottom bag and gusset/tucker attachment
- Gas flushing system
- Washdown
- Load shelf
- Thermal transfer printer and encoder
- UL electrical system

CONFIGURATIONS

FRONT



SIDE



ADDITIONAL FEATURES AND BENEFITS

- Film length controlled by encoder feedback servo system
- Automatic film tracking
- Registered film photo eye
- Print registration roller
- Short travel film unwind system
- Stainless steel adjustable mounting feet

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