

MVC-300L

ZERO HEADSPACE PREMIER LIQUID PACKAGING MACHINE

F&T

**FLEXIBLES
& TRAYS**



MVC-300L

PREMIER LIQUID PACKAGING MACHINE

The Matrix MVC-300L with a Sanitary Design and Servo-Driven Continuous Box-Motion offers the Exceptional Performance you need.

The Matrix MVC-300L is designed to efficiently handle your liquid product applications with ease, ensuring your technicians deliver consistent, high-quality packages every time. This servo-driven, continuous box-motion bagger features a hygienic design with 95% stainless steel construction, and IP65 classification. Our advanced high-speed jaw system provides maximum speed with optimal dwell time for precise sealing at these faster speeds. The servo-driven roller system virtually eliminates air pockets in the pillow bags, extending product shelf life and optimizing case packing. With recipe-driven Autoset for quick changeovers and wireless remote diagnostics for real-time visibility, the MVC-300L maximizes uptime and operational efficiency.



The Matrix MVC-300L offers a state-of-the-art HMI control system delivering a highly intuitive, and easy to use packaging machine with wireless remote diagnostics.

FEATURES & BENEFITS

- Made in the USA
- Open channel stainless steel frame, 3 NEMA 4X electrical enclosure, manufactured with IP65 components, adjustable mounting feet or optional casters
- Servo-driven continuous box-motion jaw system provides maximum speed with optimal dwell time for precise sealing
- Recipe driven Autoset with automatic servo adjustment system for size change
- Liquid module for virtually eliminating air pockets within the pillow bag
- High performance vacuum film pull-belts (improves performance with difficult films)
- Slanted and pivoting electrical cabinet • Integrated drip pan
- 12" multi-touch HMI with 800 x 600 screen resolution
- Electronic film registration mark, pneumatic film roll brake, automatic ultra sonic film tracking
- Comprehensive diagnostic tools
- Cloud based wireless remote diagnostics

OPTIONS

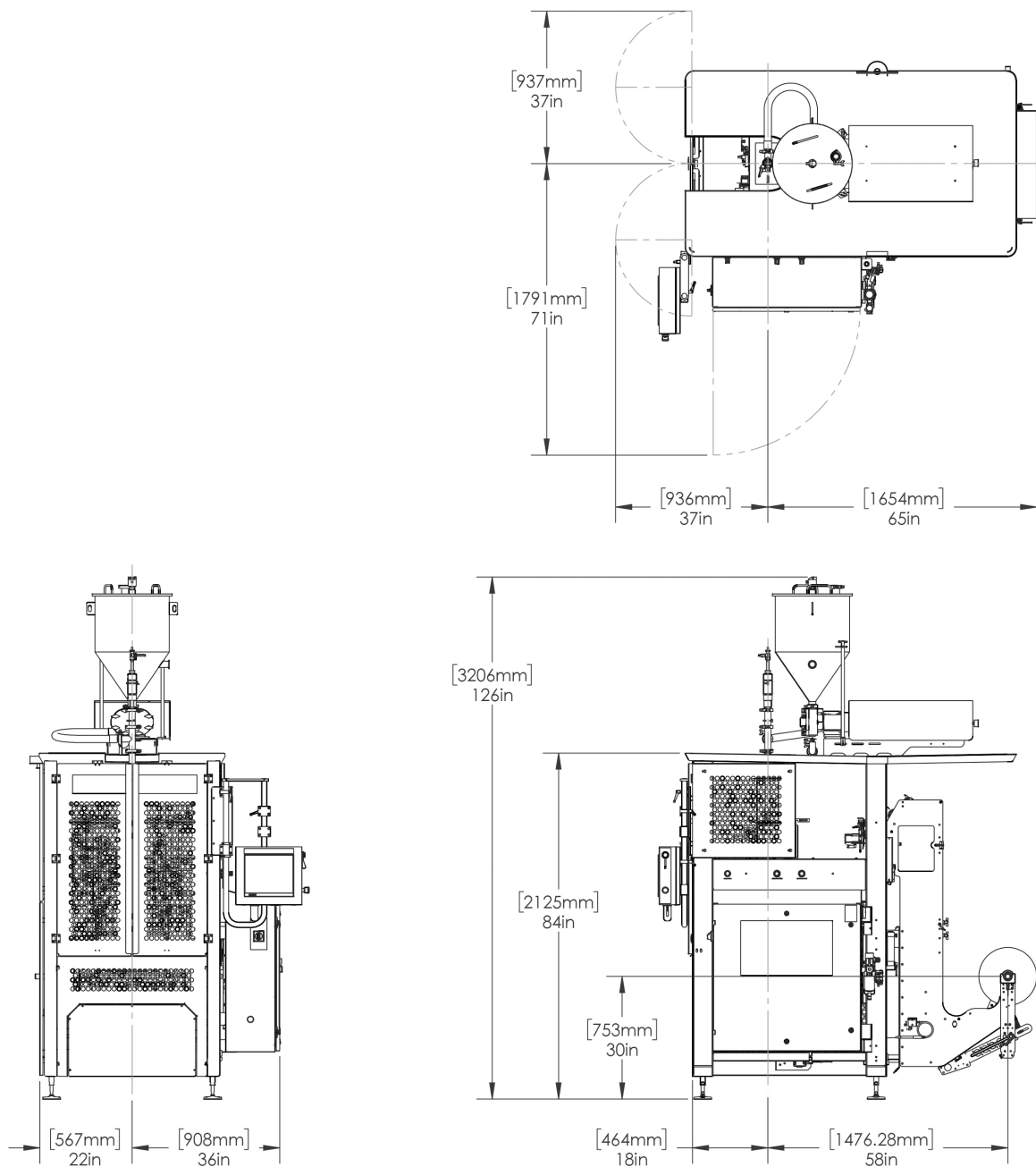
- Direct or floor mounted Matrix MLP liquid pump
- Direct mounted hopper with configurable integrated I/O link level sensor in hopper lid
- Thermal transfer printer with integrated signal encoder
- Independently actuated seal platens for poly film
- UL 508A (built and certified in-house)

BAG STYLES



PILLOW BAG

CONFIGURATION



TYPICAL PRODUCT SPECIFICATIONS

Cycle Speed	Up to 100 BPM		Film Roll	14" diameter (Recommended)
Electrical	230V (+/- 5%), 30AMP, 3PH, 50/60 Hz		Film	Laminate or poly film sealing capability
Air Pressure	10CFM @ 80 PSI (+/- 20%) (demand varies by application)		Filler	MLP: 36 gallon/per minute
Bag Sizes	Width	Length		
Minimum	2.75" (70 mm)	6.5" (165 mm)		
Maximum	12" (305 mm)	16" (406 mm)		

*Longer bags possible with double-pull feature.



Matrix is a leading manufacturer of reliable, cost-effective, and easy-to-use vertical form fill seal (VFFS) machines designed for a wide range of flexible packaging applications. As part of ProMach's Flexibles & Trays business line, Matrix enhances its portfolio by partnering with Bartelt and FLtècnics for horizontal form fill seal (HFFS) and cartoning solutions. Bartelt, a trusted manufacturer of pouching, cartoning, and packing solutions, also serves as the master distributor for FLtècnics' rollstock and pre-made pouch machines. Together these brands highlight its innovation in automated packaging, delivering dependable, long-lasting solutions for food and non-food industries.

In addition, Matrix is the master distributor of INVpack stickpack and sachet systems and Pacraft pre-made pouch machines, offering tailored, high-efficiency packaging systems to meet the diverse needs of customers worldwide. Backed by ProMach, a global leader in packaging solutions, Matrix and Bartelt are dedicated to optimizing performance, protecting brands, and fostering trust across the packaging supply chain. Discover more about Matrix at www.MatrixPM.com and ProMach at www.ProMachBuilt.com.

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