



 **MATRIX**

MVC-300

VERTICAL FORM/FILL/SEAL

F&T

**FLEXIBLES
& TRAYS**



MVC-300

VERTICAL FORM/FILL/SEAL

High-speed Bagger with Precision Changeover

The Matrix MVC-300 simplifies your packaging process, ensuring consistent, high-quality results. This servo-driven, continuous box-motion bagger features a high-speed jaw system that maximizes speed while providing optimal sealing dwell time, ideal for diverse or difficult films, boosting efficiency.

The Autoset feature makes changeovers quick and easy. Operators simply swap the forming tube and load the film-Autoset automatically adjusts based on the last saved recipe. This reduces changeover time, minimizes film waste, and supports sustainability efforts. For fast-paced environments needing flexibility, Autoset is the perfect solution.



The Matrix MVC-300 comes equipped with a state-of-the-art HMI control system, Autoset for seamless changeovers, and wireless remote diagnostics to boost efficiency and provide real-time support.

FEATURES & BENEFITS

- Made in the USA
- Open channel stainless steel frame construction with IP65 classification, adjustable mounting feet or optional casters
- Servo-driven continuous box-motion for maximum speed and optimal dwell time for precise sealing of diverse films
- Recipe based Autoset with Servo Adjustment System for size change
- High performance vacuum film pull-belts (improves performance with difficult films)
- Pivoting electrical cabinet
- 12" multi-touch HMI with 800 x 600 screen resolution
- Electronic film registration mark, pneumatic film roll brake, automatic ultra sonic film tracking
- Comprehensive self-diagnostic tools
- Cloud based wireless remote diagnostics

OPTIONS

- Mechanical or heated hole punch
- Thermal transfer printer with integrated signal encoder no printer specific encoder required
- Independently actuated seal platens for poly film
- Digital gas flush
- Side gusset (top and bottom)
- Load shelf (intermittent)
- UL 508A (built and certified in-house)
- Power unwind
- Washdown
- Flat bottom bags
- Anti-static
- Full width spindle
- Can run continuous or intermittent mode

BAG STYLES



PILLOW BAG



GUSSET BAG



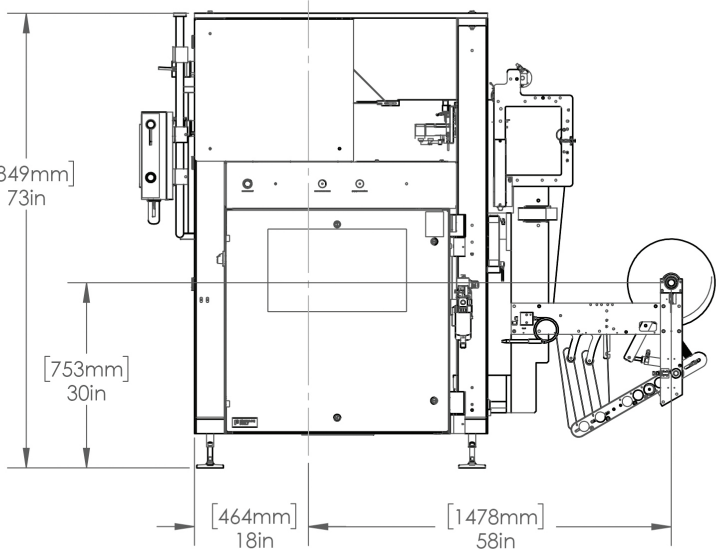
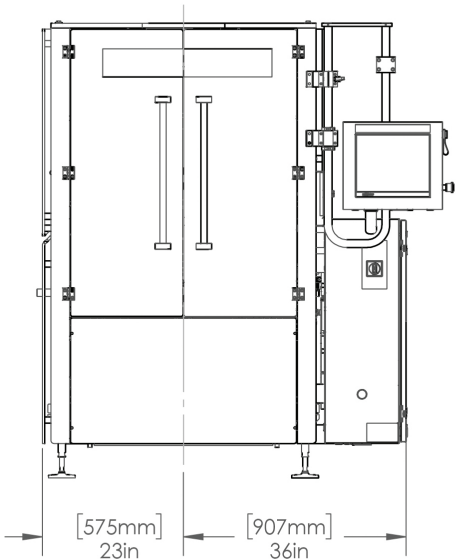
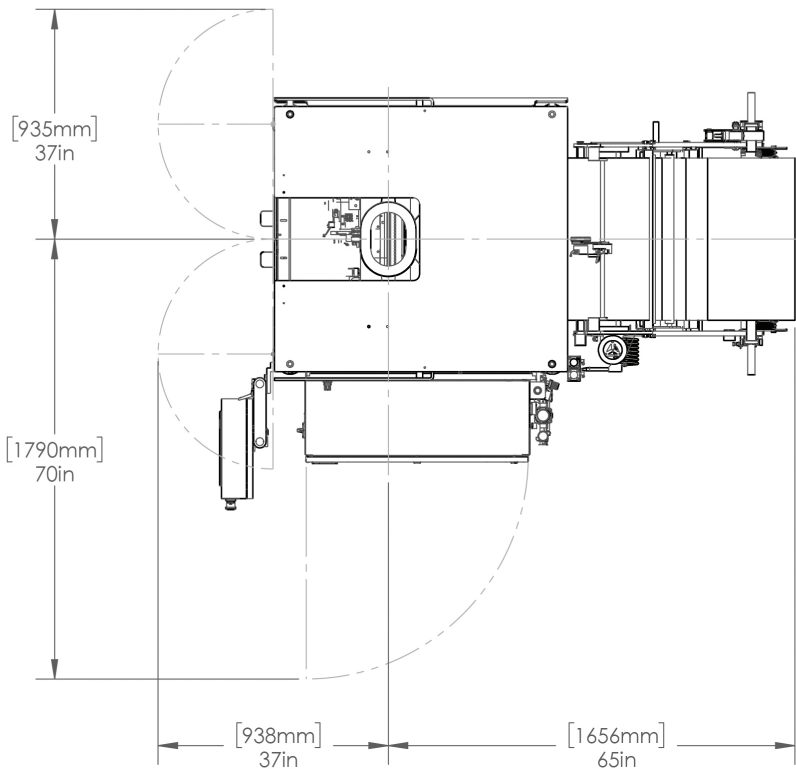
FLAT BOTTOM BAG



MODIFIED DOY POUCH FILM WITH STAND-UP POUCH SYSTEM OPTION, (available with or without zipper)



CONFIGURATION



TYPICAL PRODUCT SPECIFICATIONS

Cycle Speed	Up to 200 BPM	
Electrical	230V (+/- 5%), 30 AMP, 3PH, 50/60 Hz	
Air Pressure	10 CFM @ 80 PSIG (+/-20%) (demand varies by application)	
Bag Size	Width	Length
Minimum	2.75" (70 mm)	2.75" (70 mm)
Maximum	12" (305 mm)	20" (508 mm)

Film Roll	14" diameter (Recommended)
Film	Laminate or poly film sealing capability
Filler	Compatible with all types



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.

2395 Dakota Dr.

Grafton, WI 53024

P: 262-268-8300

TOLL FREE: 888-Matrix1

E: Matrix@ProMachBuilt.com

MatrixPM.com

