



Professional Packaging Systems

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Contact

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Matrix MVC (Morpheus) Series VFFS Bagging System



At a Glance

- Continuous box-motion VFFS bagging equipment
- Cycle speeds up to 200 BPM
- Fast push-button changeovers
- Remote diagnostics
- Either Allen-Bradley or Beckhoff control system

Buy your [vffs film](#) from us, and get a discount on this Matrix bagger!

Pricing

Call us at 888-318-0083

Many options are available. Complete details will need to be finalized to determine requirements and final system costs. Work with your Pro Pac representative to build this machine to your specifications.

Produce Quad Bags with Quick Changeover

Matrix updated MVC (Morpheus) Series continuous box-motion VFFS machines will meet demanding production requirements for a wide range of products and applications. With cycle speeds up to 200 ppm, and operator-friendly push-button technology, the Matrix MVC vertical bagging machine produces standard pillow bags as well as gusseted and flat-bottom bags. Built for packaging food products with films that require longer seal times.

Choose from either Allen Bradley controls or state-of-the-art Beckhoff control system.

The Matrix AutoPro System

Fast changeovers with touch-button controls.

The Matrix AutoPro changeover solution eliminates manual adjustments such as hand cranks and thumb screws in favor of precision electronic motion control to effectively eliminate time consuming adjustments during changeover. With the touch of a button you can re-configure your format automatically, making changeover fast and easy for any operator.

Remote Diagnostic and Connectivity Control

Enhanced remote connectivity without danger of facility firewall compromise

Allows for remote diagnostics, training, and maintenance assistance

Ability to connect with the machine and HMI to update code or fix issues

No need to remove the PLC or HMI and ship to the facility for updating

Standards to Increase Your Production Efficiency

- IP65 Autoset servo motors allow for fast changeover
- High-performance servo system for unprecedented motion control precision
- Reduced control component count for higher reliability
- Networked value manifold
- Standard C-channel frame for washdown and non-washdown applications
- Standard ultrasonic edge guide sensors

Features & Benefits

- AutoPro Servo Adjustment System
- New IP65 Autoset servo motors that allow for faster changeover
- Latest in high-performance servo system for unprecedented motion control precision
- Reduced control component count for higher reliability
- Networked value manifold
- Standard C-channel frame for washdown and non-washdown applications
- Stainless steel 304 frame polished and ground for corrosion resistance
- Stainless steel NEMA 4X electrical enclosure
- Stainless steel adjustable mounting feet or optional caster
- Standard Ultrasonic edge guide sensors
- Electronic film registration mark
- Pneumatic film roll brake
- Automatic film tracking
- Compatible with thermal transfer printers, such as ID Technology
- Servo-driven continuous box-motion jaw for maximum speed and jaw dwell time
- High-performance vacuum film pull belts to improve performance with difficult films
- State-of-the-art Beckhoff PC-based or Allen Bradley controls
- 12" multi-touch HMI with 800 x 600 screen resolution
- Comprehensive self-diagnostic tools-with safe remote access for seamless diagnostics, training, maintenance, and more!
- Made in USA

Made for Films Requiring Longer Dwell Times

Built for applications and industries running films that require longer seal times, making these Matrix MVC vertical baggers ideal for markets such as:

- Snack industry
- Frozen foods
- Fresh cut foods
- IQF (Individually Quick Frozen) markets
- Cheese industry

Options

- Either standard or sanitary design
- 300 mm or 400 mm jaw
- Mechanical or heated hole punch
- Thermal transfer printer with integrated signal encoder

Independent seal platens for poly film
 Digital gas flush
 Side gusset (top and bottom)
 Load shelf (intermittent)
 UL 508A (built and certified in-house)
 Beckhoff or Allen Bradley controls
 Power unwind
 Flat bottom bag

Bag Style

Pillow bag
 Gusseted
 Flat bottom bag

Matrix MVC-300, MVC-300 Premier & MVC-400 Specifications

	MVC-300	MVC-300 Premier	MVC-400
Sanitary Construction	Open channel stainless steel 3 NEMA 4X electrical enclosure, 304 frame grounded & polished	95% stainless steel including fasteners, bearings, shafts and motors all suitable for wash-down environment	Open channel stainless steel 3 NEMA 4X electrical enclosure, 304 frame grounded & polished
Bag Dimensions	Width:2.75" - Length:2.75" - 12" 15"	Width:2.75" - Length:2.75" - 12" 15"	Width:2.75" - Length:3" - 15" 25"
Cycle Speed	Up to 200 bpm		
Film	Laminate or poly film sealing capability		
Filler	Compatible with all types		
Electrical	230V (+/-5) 30 amp, Single Ph, 50/60 Hz		
Air Pressure	10 cfm @ 80psi (varies by application)		

Please [contact Pro Pac](#) or call 888-318-0083 for your vertical form fill seal bagging equipment.