



Professional Packaging Systems

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Contact

Our Packaging Experts
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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

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

New IP65 Autoset Servo Motors that allow for faster changeover

Intuitive HMIs are designed for ease of use, making it simple for even less-experienced or newly trained operators to get up to speed quickly and operate the machines confidently

Pivoting electrical cabinet for easy maintenance

Latest in High performance Servo system for unprecedented motion control precision

Reduced control component count for higher reliability

New Networked Pneumatic Manifold

New Standard C-Channel Frame for washdown and non-washdown applications

Stainless steel 304 frame polished and ground (corrosion resistant - Premier version)

Stainless steel NEMA 4X electrical enclosure

Stainless steel adjustable mounting feet or optional caster

New standard Ultrasonic Edge Guide Sensors for automatic film tracking

Electronic film registration mark

Pneumatic film roll brake

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 (improves performance with difficult films)

State-of-the-art Beckhoff PC-based or Rockwell (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 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" - 12"	Length:2.75" - 15"	Width:2.75" - 12"	Length:2.75" - 15"	Width:2.75" - 15"	Length:3" - 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.