



Professional Packaging Systems

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Emplex MPS 7103 Vacuum Sealing Gas Flushing Band Sealer



At a Glance

- Gas flush of vacuum seal bags and pouches quickly
- Seals bags up to 2 lbs without a support conveyor
- Quickly seals any heat-sealable bag or pouch up to 12 mil in thickness
- Hermetically seals at speeds up to 800 inches (203.2 cm) per minute

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.

High-Speed Hermetic Bag Sealing with Gas Flushing

Want to vacuum seal or gas flush more than 15 bags per minute? The Emplex MPS 7103 high speed, continuous band sealer produces hermetically-sealed gas flushed or vacuumed bags at a higher rate than the Emplex AZ 450 impulse vacuum sealer. Great for producers of coffee, snacks, pre-baked goods, electronics, medical products, and fresh or dried food, produce, and meat.

The MPS 7103 can operate as a stand-alone sealer or can be paired with a synchronized conveyor for a more automated system. Bags less than 2 lbs. are easily sealed without a conveyor. The MPS 7103 provides high quality, hermetic seals on all moisture-barrier bag materials and is capable of sealing bags up to 12 ml / 300 micron in thickness (6 ml / 150 micron maximum when gusseted) at required production speeds.

Vacuum or gas flushing packages weighing more than 2 lbs? Check out the MPS 7503 band sealer with a support conveyor.

The vacuum and nitrogen gas flush system removes oxygen, resulting in longer shelf life, product integrity, and protection against discoloration. For snack products, the gas flush system can create a cushion-like buffer against damage.

All Emplex MPS 7103 bag sealers can be equipped with an optional bag-top trimmer, emboss coder, or ink jet printer. Designed for 24/7 operation, these sealers are suitable for all production environments.

Emplex validatable vacuum sealers are ideal for medical device packaging that require validation of all process parameters.

Comprehensive Controls that Are Simple to Use

The MPS 7103 band sealer comes standard with an advanced touchscreen PLC that simplifies setting, monitoring, and tracking crucial controls such as heat, seal pressure, and speed. Settings are available in imperial or metric measurements. The easy-to-use PLC provides routine maintenance, troubleshooting data, and many selectable preferences and management features.

Modular and Customizable

The MPS 7103 is a low maintenance machine with tool-less access to the seal section and modular components for easy expandability as production needs increase. The MPS 7103 is made to order with numerous user-selectable specifications and a comprehensive feature set. At no additional charge, you can determine your sealer orientation, sealing width, type of pressure rollers, and electrical supply. Additional customizable options and equipment add-ons are available.

Features

Modular, made-to-order, user selections for electrical, infeed direction, sealer orientation, seal widths, seal band, pressure rollers

Advanced, industrial touchscreen PLC with imperial or metric settings and numerous user selectable preferences and productivity management tools

Tool-less access to sealing section

Seal band changeover in 5 minutes or less

Cool down switch prolongs life of seal bands

Clear Lexan guard for safe monitoring of seal section

Small footprint

Standalone flexibility

Plug and play

All machines tested to ANSI/PMMA B-155.1-2000 and CE marking standards

All parts UL/CSA approved

Continuous band sealer for optimum performance, strong seals and long life

Controller

Industrial PC and 5.7" color touch-screen interface

Single point setting for speed, temperature, and pressure

Recipe management and selection for different materials and products

Production and user activity reporting and management tools

Multi-language preference settings

Diagnostics and background monitoring of key processes and components to prevent machine damage or product loss

Preventative maintenance reminders

Pictorial maintenance guides and instruction tutorials

Options

Bag top trimmer

Exair trim scrap removal system

Emboss coder
 Ink jet printers
 Robotic handling systems
 Automatic bag hangers and openers
 Extended height stands
 Stainless steel sealer band
 4" (10.16cm) additional throat depth
 Heavy-duty and specialized conveyors in multiple sizes and configurations
 Washdown NEMA 4 or 4x construction

Please [contact Pro Pac](#) or call 888-318-0083 for your bag sealing equipment.

Specifications

Sealer Duty	Continuous
Vacuum / Gas Flush	Ejector style, stainless steel nozzles
Infeed Direction	Right to left or left to right
Sealer Orientation	Vertical or horizontal
Sealer Band	Teflon, easy access tool-less changeover
Pressure Rollers	Stainless steel or rubberized
Sealing Width	Choice of 1/8" (3.2mm), 1/4" (6.35mm), 3/8" (9.5mm), 1/2" (12.7mm), 3/4" (19.05mm)
Seal Throat Depth	3.5" (89mm)
Variable Speed	Up to 800" (203.2cm) per minute
Height Adjustment	Crank
Washing / Cleanroom	Standard wipe down cleaning
Temperature Range	0-392F (0-200C)
Heating and Cooling Capacity	10" (25.4cm) heating bars, 10" (25.4cm) cooling bars
Frame Construction	304 stainless steel frame and legs
SPL	60 db
Motor	1/4HP PWM PMDC
Electrical	120V 12A or 220V 6A
Air Pressure	80 psi (5.5 bar)
Air Consumption	35 cfm at 80 psi

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