



Professional Packaging Systems

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Emplex MPS 7100 High-Speed Industrial Band Sealer



At a Glance

- Speeds of up to a super-fast 800 inches per minute
- Quickly seals any heat-sealable bag or pouch up to 12 mil in thickness
- Seals bags up to 2 lbs without a support conveyor

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

Emplex MPS 7100 continuous band sealers are made for bag sealing operations that require high-speed production or has bag material that is difficult to seal. The MPS 7100 hermetically seal bags and pouches at speeds up to 800 inches (203.2 cm) per minute! This sealer can be configured for manual, semi-automatic, or automatic loading, and can be adjusted to accommodate variations in material, ensuring reliable seal integrity on every bag. The MPS 7100 can seal any heat sealable bag or pouch up to 12 mil/300 micron in thickness (6 mil/150 micron maximum when gusseted).

The MPS 7100 offers true plug-and-play capabilities for reliable, easy-to-use operation in any production environment.

The MPS 7100 band sealer hermetically seals bags and pouches up to 2 lbs/907 gms without a support conveyor. For heavier packages, upgrade the MPS 7100 to an MPS 7500 that is equipped with a stainless steel, food grade 6 inch x 6 foot conveyor with guide rails that is easily adjustable for any size bag. Larger conveyors are available.

Comprehensive Controls that Are Simple to Use

The MPS 7100 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 7100 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 7100 is made to order with numerous user-selectable specifications and a comprehensive feature set. At no additional charge, you can determine your bag sealer's infeed direction, 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 touchscreen 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

Stainless steel sealer band

4" (10.16cm) additional throat depth

Extended height stands

Heavy-duty and specialized conveyors in multiple sizes and configurations

Washdown NEMA 4 or 4x construction

Vacuum and gas flushing with the 7103

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

Specifications

Sealer Duty	Continuous
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
Temperature Range	0-392F (0-200C)
Washing / Cleanroom	Standard wipe down cleaning
Heating and Cooling	10" (25.4cm) heating bars, 10" (25.4cm) cooling bars
Frame	304 stainless steel frame and legs
SPL	60 db
Motor	1/4HP PWM PMDC
Electrical	110V 12A or 220V 6A
Air	No air required
Model	Configuration
MPS 7100	Standard sealer
MPS 7110	Standard sealer with trimmer
MPS 7120	Standard sealer with emboss coder
MPS 7160	Standard sealer with trimmer & emboss coder