

# PURE PACKAGING EXCELLENCE:

## HIGH SPEED, HIGH QUALITY VACUUM/GAS FLUSH SEALING FOR ABSOLUTE FRESHNESS

Emplex VGF Series of continuous band vacuum and gas flush sealers set the standard for high speed bagging of food, medical, pharmaceutical, and electronic applications that require optimum freshness and shelf life.

The VGF Series provides high quality, hermetic seals on all moisture-barrier bag materials. The vacuum and nitrogen gas flush system removes up to 99% of oxygen, depending on the application, and creates a low moisture package. It is an ideal solution for food, medical, pharmaceutical, electronics and other products that need added protection against decomposition. The gas flush system also can be used to create a cushion-like buffer to protect contents from damage.

The base model machine of this series, the VGF-11, offers nitrogen gas flushing for air removal. The VGF-11 model includes a vacuum cycle after gas flushing to allow virtually oxygen-free vacuum-sealed product bags. Additional options include a pneumatic bag clamp, double nozzle, and vacuum validation kit.

The VGF Series is based on the Emplex industry leading MPS 7100 and 7500 high speed, heavy duty sealers. The VGF Series hermetically seals bags and pouches at speeds up to 1000 inches (25.4 m) per minute.



Sealing can be adjusted to accommodate variations in material, ensuring reliable seal integrity on every bag. The VGF is capable of sealing bags up to 12 mil in thickness (6 mil maximum when gusseted).

The VGF Series can be configured for manual, semi-automatic, or automatic loading. An optional synchronized conveyor ensures easy, consistent handling and product orientation as bags enter and exit the sealer.

The VGF Series offers true plug and play capabilities for reliable, easy-to-use operation in any production environment. The VGF series offers low maintenance machines with easy access to the seal section, and modular components for simple expandability as production needs increase.

The VGF Series comes standard with an industrial PC and 5.7" color touchscreen interface that simplifies setting, monitoring, and tracking crucial controls for heat, seal pressure, and speed, as well as all vacuum and gas flush process. Settings are available in imperial or metric measurements. The easy to use touchscreen provides routine maintenance and troubleshooting data and many user-selectable preferences and management features.

Because your bag sealing needs are unique, the VGF series is made to order with numerous user-selectable options and a comprehensive feature set. At no additional charge, you can configure your bag sealer's infeed direction, sealer orientation, sealing width, type of pressure rollers, and electrical supply. Additional options and equipment add-ons are available at competitive prices.



Legendary Plexpack quality and performance are built into every component to ensure consistent, precise operation and reliability 24/7. Emplex continuous band sealers deliver industry leading seal integrity on nearly any heat sealable soft, high density, ecological, or specialty film.

### Flexible Solutions. Certain Results.

Technology works best when it's so reliable and easy to use you hardly know it's there. The VGF Series is thoughtfully designed intuitive to use, and takes up only as much space as needed. The standard color touchscreen interface places all crucial settings and variables at your fingertips; easily monitor and track heat, seal pressure, and speed.

Sealing bands provide strong seals and long life. With Emplex's unique band tensioner, sealing bands can be adjusted with high precision. The sealing section is easily accessible for quick changeover and routine maintenance. The VGF Series provides durable, proven reliability, and user satisfaction.

a **PLEXPACK**™ solution

## KEY BENEFITS AND FEATURES

Our flexible packaging systems are customizable, made-to-order with your unique needs, reputation, and budget in mind. Modular and innovative designs are easy to install, maintain, and expand. They provide line and product flexibility, and ensure your packaging operations perform to the highest standards—yours.

- User selections for electrical, infeed direction, sealer orientation, seal widths, seal band, pressure rollers
- Additional Vacuum/Gas Flush options include a pneumatic bag clamp, double nozzle and vacuum validation kit
- Industrial PC and 5.7" color touchscreen interface controls and displays vacuum sealing settings, numerous user selectable preferences and productivity management tools
- 5 minute or less changeover of seal bands
- Cool down mode prolongs life of seal bands
- Clear Lexan guard for safe monitoring of seal section
- Consistent, strong vacuum seals keep your product fresh and secure
- All machines designed to meet ANSI/PMMA B-155.1-2016 and are CE approved
- Continuous band sealer for optimum performance, strong seals and long life
- Preventative maintenance reminders
- All parts UL/CSA approved

### EASY OPERATION

Intuitive design, touchscreen interface, and easy access to sealing section.

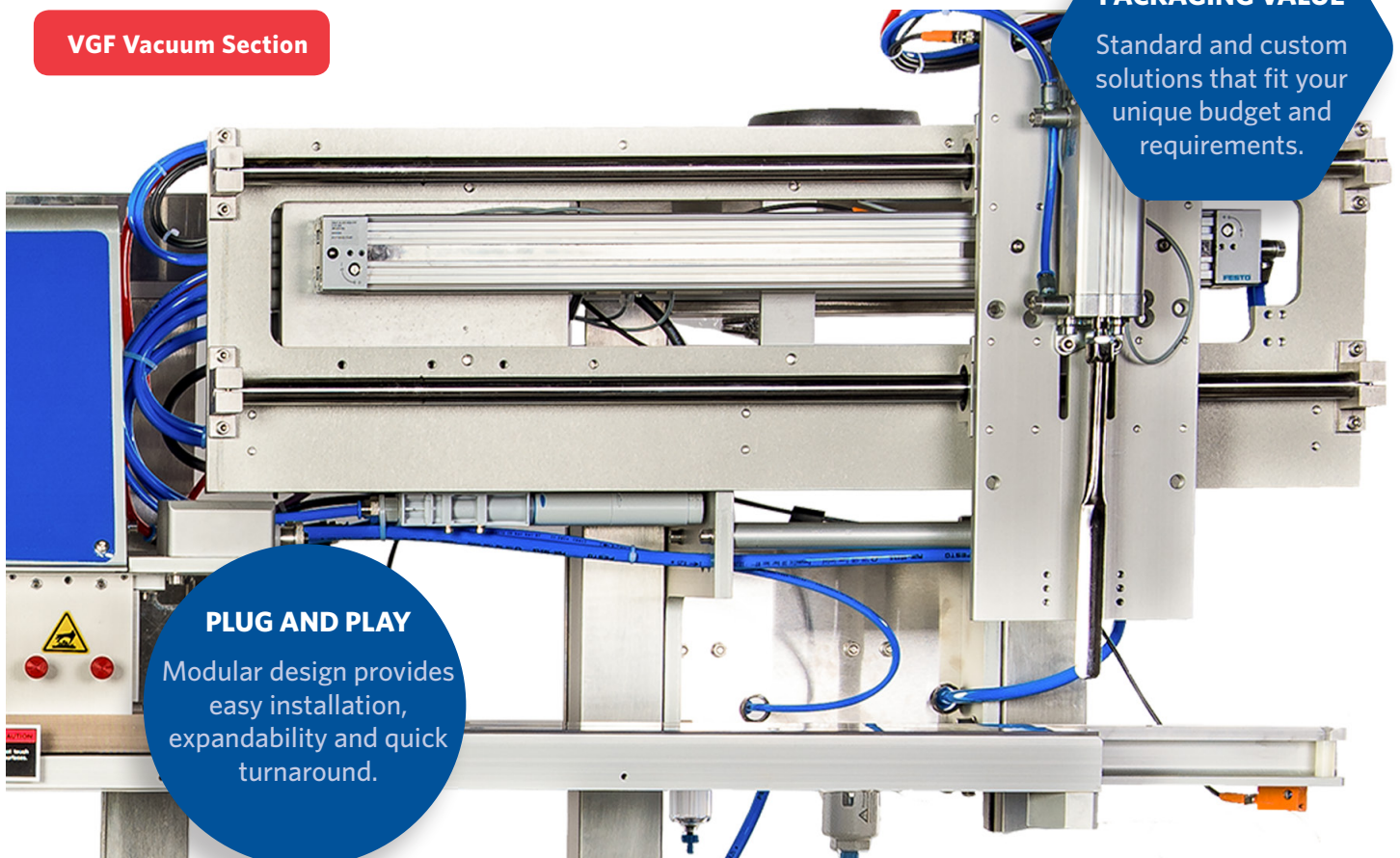
### REAL PACKAGING VALUE

Standard and custom solutions that fit your unique budget and requirements.

### VGF Vacuum Section

### PLUG AND PLAY

Modular design provides easy installation, expandability and quick turnaround.



## EQUIPMENT ADD-ONS

- Plexpack equipment add-ons are modular and can be fitted to bag sealers anytime during the life of the machine
- Bag Top Trimmer Suction Trim Scrap Removal System
- Nitrogen generator
- Ink Jet Printer
- Product Shelf (standard or custom sizes)
- Heavy Duty or Specialized Conveyors
- Robotic Handling Systems

### SEAL INTEGRITY

Consistent, strong hermetic vacuum seals that keep your product pure, fresh, and secure.

**EMPLEX**  
Bag & Pouch Sealing Systems

MPS 7500 VGF 11



### PROVEN RELIABILITY

in a wide range of applications, including food-safe, cleanroom, and industrial environments.

# TECHNICAL SPECIFICATIONS

| Innovative Design, Reliability and Seal Integrity | Standard Selections  | Options<br>(additional charge)   |
|---|--|--|
| Electrical  | 115V/12A/60Hz  | 230V/12A/60Hz, 230V/12A/50Hz,  |
| Motor   | 1/4HP PMDC with PMW internal encoders  |  |
| 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   | Stainless  |
| Pressure Rollers                                  | Stainless Steel or Rubberized  |  |
| Sealing Width                                     | Choice of: 1/8" / 3.2 mm,<br>1/4" / 6.4 mm, 3/8" / 9.5 mm,<br>1/2" 12.7 mm, 3/4" /19.1 mm  |  |
| Seal Throat Depth                                 | 3.5" / 8.9 cm  | 2" / 5.1 cm additional depth available   |
| Heating and cooling capacity                      | (2) 5" / 12.7 cm heating bars for<br>10" / 25.4 cm total length<br>(2) 5" / 12.7 cm cooling bars for<br>10" / 25.4 cm total length   |  |
| Variable Speed                                    | Up to 1000" / 25 m per minute  |  |
| Temperature Range                                 | 0-392 degrees Fahrenheit/<br>0-200 degrees Celsius   |  |
| Air Pressure                                      | 80 psi (5.5 Bar)   |  |
| Air Consumption                                   | 5 cfm (8.5 m <sup>3</sup> /h)  |  |
| SPL   | 60 db  |  |
| Food Grade Conveyor                               | Standard on VGF 7500 6 in. x 6 ft (15.2 cm x 182.9 cm) stainless steel   | Heavy duty or specialized conveyors available in multiple sizes and configurations |
| Frame Construction                                | 304 stainless steel frame and legs with crank adjustable height  | Extended height stands   |
| Washing/Cleanroom                                 | Standard cleaning, wipe down   | Washdown, NEMA 4 rated, cleanroom capable  |
| Controller  | Industrial PC and 5.7" Color Touchscreen Interface <ul style="list-style-type: none"> <li>• Single-point setting for speed, temperature, and pressure</li> <li>• Recipe management and selection for different materials and products</li> <li>• Production and user activity reporting and management tools</li> <li>• Multi-Language preference settings</li> <li>• Diagnostics and background monitoring of key processes and components to prevent machine damage or product loss</li> <li>• Maintenance alerts</li> <li>• Pictorial maintenance guides and instructional tutorials</li> </ul> |  |

## Plexpack: Flexible Solutions. Certain Results.

Plexpack delivers flexible packaging machinery solutions and certain results for customers worldwide. For more than 40 years Plexpack has been known for quickly delivering innovative solutions that are simple to use and provide superior performance and return on investment. More than 5,000 customers worldwide depend on our Emplex Bag & Pouch Sealers and Damark Shrinkwrap & Bundling Systems for packaging efficiency, product integrity, safe transport, and attractive presentation.

### Service and Support

Every Plexpack solution is backed by multilingual support and service from our offices in Canada and the US and by our international network of distribution partners. We provide sales, service and support in English, French, Spanish and Portuguese. You can be certain that from first contact through the entire product lifecycle, Plexpack will provide personal attention to your flexible packaging needs.

### Be Certain... Contact:

Phone: 416.291.8085

Toll Free: 800.265.1775

Fax: 416.298.4328

Email: [info@plexpack.com](mailto:info@plexpack.com)

Web: [www.plexpack.com](http://www.plexpack.com)

### Plexpack Head Office

1160 Birchmount Road, Unit 2  
Toronto, ON M1P 2B8 Canada

### Plexpack US Office

3438 East Lake Road, Suite 14  
Palm Harbor, FL 34685 USA

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