

## AUTOMATION MADE SIMPLE. AUTOMATION MADE ACCESSIBLE.

Plexpack's ABS-1 packages up to 20 bags per minute of product for a fully automated filling, sealing, vacuuming, gas flushing, counting and weighing solution at a reasonable investment.

Plexpack's ABS-1 system stands as the optimal all-in-one automated solution catering to a diverse array of industries, including food, coffee, confection, grain, and other dry flowable products weighing up to 10 lbs (1.815 kilograms).

This unique system seamlessly integrates our durable, food-grade bag sealers with robotic-loading, food-grade weigh/fill systems and conveyors, ensuring the creation of hermetically sealed packages. The ABS excels at sealing a variety of heat-sealable materials, accommodating thicknesses of up to 12 mil/300 micron ensuring the production of secure, visually appealing packages with optimal efficiency.

Versatility defines the ABS, as its sealing and filling processes can be fine-tuned to accommodate the unique requirements of your application. Our patented bag positioning system ensures that your bag is sealed parallel to the bag top and accurately positioned. Infeed rails and conveyors can be adjusted to specific needs, and for those seeking superior freshness and extended shelf life, validatable sealing, and vacuum and gas flush options are available.

The user-friendly 5.7-inch color touchscreen controller simplifies operation and package customization. With integrated recipe management and user-defined preferences, the system allows for swift, repeatable setups across sealing, filling, counting, vacuuming, gas flushing, printing, and weighing processes. Routine maintenance

and troubleshooting data, along with a multitude of user-selectable preferences and management features, are easily accessible through this intuitive interface.

Compatible with a wide range of peripherals, including checkweighers, ink printers, and

metal detectors, the ABS1 provides a comprehensive solution for your packaging needs.



### KEY BENEFITS AND FEATURES

- Intuitive, low maintenance design.
- Modular components are easy-to-clean and maintain.
- Configurations can include sealing validation, vacuum and gas flushing, date coding, printing, scale/check weighing, labelling, metal detection, bag trimming & more
- Compact footprint.
- High quality food grade components.
- All parts UL/CSA approved.
- Consistent, validatable seals keep your product pure, fresh and secure.
- Wipedown components.
- Industry leading standard features.
- Excellent ROI for applications requiring moderate line speeds.
- Numerous custom options available.
- Precise management and control of sealing process.



ABS-1



a **PLEXPACK**™ solution

# TECHNICAL SPECIFICATIONS

Innovative Design, Reliability and Seal Integrity	Standard Selections	Options (additional charge)
Electrical	220 V 15A 1PH	
Infeed Direction	Right to Left	
Packaging Rate	Up to 20 packages per minute	
Maximum Bag Width	4.5" - 12" (11.43 cm - 30.48 cm)	
Maximum Bag Length	6" - 14" (15.24 cm - 35.56 cm)	
Maximum Package Weight	10 lbs (4.53 kgs)	
Package Material Thickness	3mil and above	
Sealer Band	Teflon	Stainless
Pressure Rollers	Stainless Steel or rubberized	
Sealing Width	Choice of: 1/8" (3.2 mm), 1/4" (6.35 mm), 3/8" (9.5 mm), 1/2" (12.7 mm), 5/8 (15.88 mm)	3/4" (19.05 mm)
Seal Throat Depth	3.5" (88.9 mm)	5.5" (139.7 mm)
Temperature Range	0-200 degrees Celsius 0-392 degrees Fahrenheit	
Relative Humidity	10-90% (non-condensing)	
Frame Construction	Stainless Steel/Aluminum	
Environmental Protection	NEMA 4	
Controller	5.7" Color touchscreen controller <ul style="list-style-type: none"> <li>• Single-point setting for pressure and time.</li> <li>• Cycle counter</li> <li>• Recipe management and selection for different materials and products.</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>• Controller can be paired with a wide range of check weighers, printers and metal detectors.</li> </ul>	
Food Grade Spout and Hopper	Standard	
Scale/Check Weighing		Optional
Vacuum Gas Flash Sealing		Optional. ejector style, stainless steel nozzles
Validatable Sealing		Optional
Ink Jet Printing		Optional

## Plexpack: Flexible Solutions. Certain Results.

Plexpack specializes in delivering flexible packaging machinery solutions with certain results for clients worldwide. With over 50 years of experience as a North American manufacturer, Plexpack has established a reputation for providing innovative solutions that are user-friendly, offer exceptional performance, and remain competitively priced. With a clientele exceeding 6,000 globally, Plexpack is trusted for delivering quality solutions that enhance packaging efficiency, preserve product integrity, ensure safe transport, and present products attractively.

## Service and Support

Each Plexpack solution is supported by our Plexpack CertainAssist program. Our service offerings are available in English, Spanish, and French, provided by our PMMI-certified technicians from our facilities in Canada and the United States, as well as through our international network of distribution partners. Our dedicated support portal offers self-service options, including comprehensive how-to articles, instructional videos, and access to machinery documentation. Moreover, our comprehensive parts program provides a 24-hour turnaround time on common replacement parts. From initial engagement to the entire product lifecycle, Plexpack ensures personalized attention to meet your flexible packaging requirements.

## Be Certain... Contact:

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