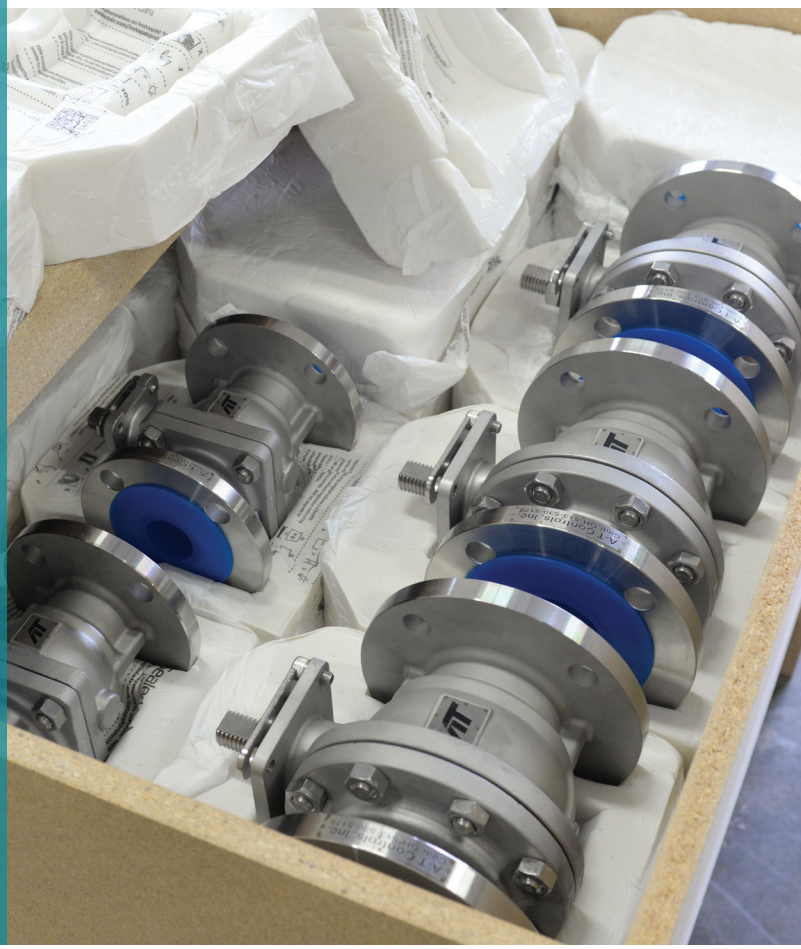
Sealed Air®
BRAND PROTECTIVE PACKAGING

# Instapak®

Foam Packaging

## Engineered Product Protection



# Trusted Performance
# **Efficient Solutions**

Instapak® foam is the gold standard for engineered cushioning protection. We are constantly improving our portfolio of products to maximize the benefits of:

Brand Experience

## BRAND EXPERIENCE

Enjoy the confidence of knowing that your customers will receive their product in an attractive, damage-free package, as expected.

Product Integrity

## PRODUCT INTEGRITY

Using Instapak® foam means your products arrive undamaged and as intented, eliminating the costly environmental and economic impact of repackaging and reshipping.

Package Optimization

## PACKAGE OPTIMIZATION

Efficient, engineered design means using the right amount of packaging material to reduce waste, cube size, and ultimately, carbon footprint.

Operational Efficiency

## OPERATIONAL EFFICIENCY

Instapak® foam expands on-demand and on-site, (up to 280 times its original volume), freeing up valuable floor space to optimize your operation and reduce the amount of energy used to transport it.

**One trailer load of Instapak® Ultralite® liquid foam component would expand to 86 truck loads of packaging foam.**

# Sustainability Through Smarter Materials

## INSTAPAK® FOAM ENVIRONMENTAL PROFILE

Our cushions carry an informative message to your customers about Instapak® foam and the environment.

### Reduce

Sealed Air packaging design and sales professionals eliminate over 1,000 tons of packaging materials each year by designing packaging solutions using high-performance Instapak® foams.

### Recycle

In certain parts of the world, Instapak® cushions are collected as part of our Foam Return Program, where cushions can be returned to many worldwide foam-return locations, and recycled into building materials. This material is used in the production of some of our Instapak® work stations.

### Reuse

Resilient Instapak® foam cushions can be designed to meet the needs of companies that use packaging for multiple shipments. Instapak® foam cushions can also be reused as carton fillers or reshaped manually to fit the next product shipped.

### Recover

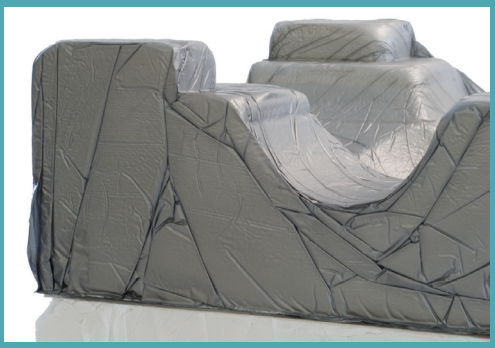
In other parts of the world, Instapak® cushions are collected and the foam is processed in modern Waste-to-Energy facilities as an efficient source of renewable energy.

### Dispose

If necessary, Instapak® foam can be disposed of with the ordinary waste stream, where it compacts to approximately 10% of its original volume. It will not degrade to pollute air or groundwater.

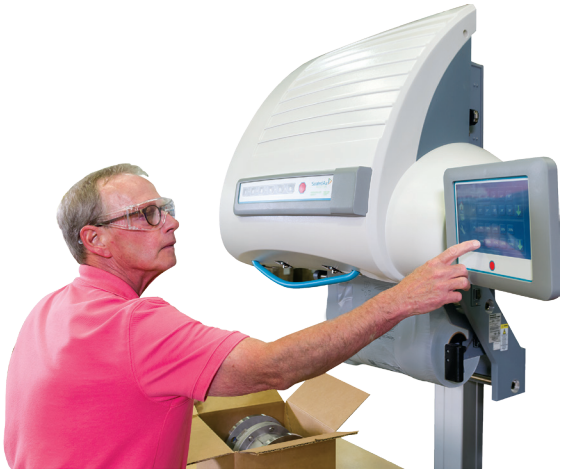
## DIMENSIONAL WEIGHT PRICING

The recent dimensional weight pricing changes put in place by major carriers provide a great opportunity to optimize your packaging, while minimizing your environmental impact. Instapak® foam packaging is an efficient packaging solution that can help companies protect products and bottom lines by providing significant product protection during shipping, while taking up minimal space in the container.



# Minimum Packaging Costs - Maximum Product Protection

## INSTAPAK® FOAM PACKAGING



Two 55 gallon containers of Instapak® Ultralite® component can expand to fill one truck load


One of the most economical packaging materials available, Instapak® foam can dramatically reduce your packaging cost - without compromising product protection.

### Space Savings

Because Instapak® foam expands up to 280 times its liquid volume, the equivalent of a trailer load of packaging material can be stored in two 55-gallon drums. Instapak® foam only expands when, where and as you need it.

### Versatile

With the Instapak® packaging process, you can economically and efficiently protect products of almost any size, shape and weight. For virtually everything you manufacture, protective foam cushions can be created on-demand and placed where needed for precision cushioning, high-speed void fill or heavy-duty blocking and bracing.

### Engineering Protection

Instapak® high-performance packaging foam is designed to protect your products during shipping, warehousing and general handling. Its unique cushioning abilities allow you to package your product with a minimum amount of material.

### Flexible

There is an Instapak® solution to fit every packaging operation, regardless of volume, throughput or configuration.

# Family of Foams

## FAST

With the Instapak® foam packaging process, your products are simultaneously boxed and protected. In fact, our foam-in-bag packaging equipment can produce up to 21 protective cushions per minute at the touch of a button.

## CUSTOMER SATISFACTION

With Instapak® foam packaging, your customer receives a damage-free product in a neat, professional package. The foam can then be reused or returned to any Instapak® foam-return location worldwide.

## Full Line of Foams Optimize Performance

### The Instapak® Family of Foams: Meeting a Wide Range of Packaging Requirements

| Standard Foams | | Container Sizes (Gal.) |
|---|---|---|
| Instapak® 40W Foam | All-Purpose Cushioning | 15/55/275 |
| Instapak® 50W Foam | Extra-Strength Cushioning | 15/55/275 |
| Instapak® 75W Foam | Heavy-Duty Cushioning, Light Blocking and Bracing | 15/55/275 |
| Instapak® Molding Foam | Slow-Rise Molding | 15/55/275 |
| Instapak Simple® Foam | Specially formulated for Instapak Simple® systems | 2.5 |
| UltraLite® Foam | Void Fill | 15/55/275 |
| XtraFlex™ Foam | All-Purpose High Efficiency Foam | 15/55/275 |
| **Military Specification Foams*** | | |
| MilFlex™ Foam | Class III | 55/275 |
| MilForce™ Foam | Class I, Category 1 and Class I, Category 2 | 55/275 |

* These Instapak® foam formulations are capable of meeting military specification MIL-F-83671A.

| Specialty Foams | | Container Sizes (Gal.) |
|---|---|---|
| FlowRite® Foam | Extended-Rise, Mid-Density Foam Resilient Cushioning | 55/275 |
| GFlex® Foam | High-Performance, Low-Cube Cushioning | 15/55/275 |
| GFlex® QS Foam | Quick-Set, High-Performance | 15/55/275 |
| Instaflex™ Foam | High-Performance, | 15/55/275 |
| Instapak® Rigid 125 Foam | Blocking and Bracing/Floral | 15/55/275 |
| Instapak® Rigid 150 Foam | Medium Blocking and Bracing Heavy-Duty Tree Arrangements | 15/55/275 |
| Instapak® Rigid 200 Foam | Heavy-Duty Blocking and Bracing | 15/55/275 |

## METHODS

Protective Void Fill

Continuous Foam Tubes

Cushioning

Blocking and Bracing

# Instapak® 900 series

## A Process and System for Every Need

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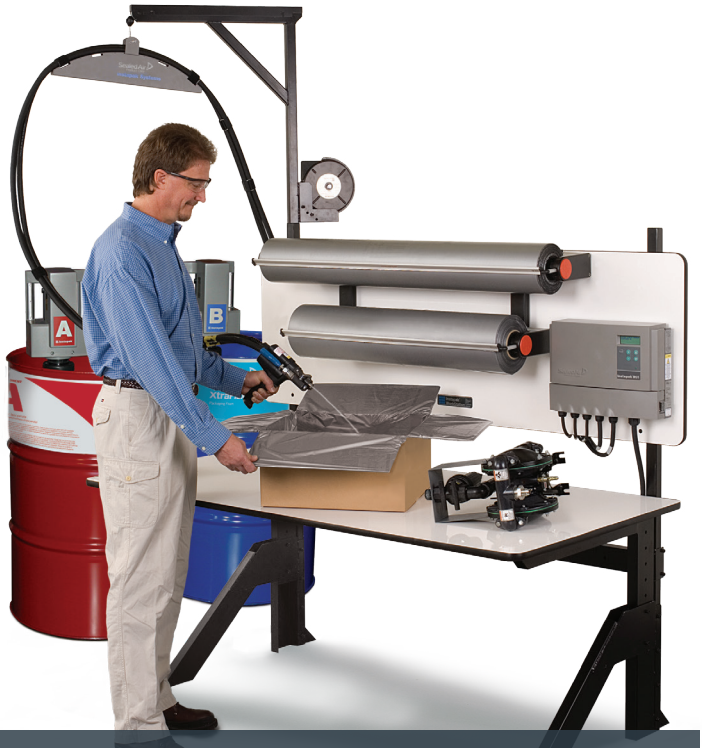


Our hand-held line of systems, featuring the model 900 and 901, is the latest generation of proven, all-electric, foam-in-place packaging systems, featuring electric metering pumps and self diagnostic control to gurantee top-quality Instapak® foam packaging.

### ECONOMICAL

With the available pre-programmed settings, you control the amount of material used. Ten pre-determined dispense times can be programmed to simplify and control cost in your packaging operation.

### RELIABLE

The electric pumps and self-diagnostic controls guarantee top-quality Instapak® foam.

### FLEXIBLE

The Instapak® 901 system can be adjusted to dispense foam at the ideal flow rate for your application. Instapak® 901 foam output rate: 5 to 7.5 lbs/min.

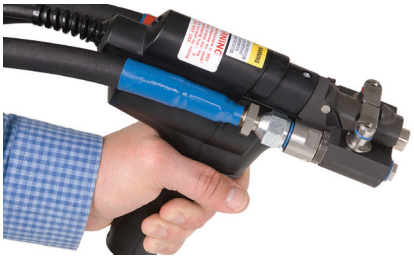
### EASY TO USE

The all-electric Instapak® 901 system installs in minutes. No scheduled maintenance is required.

### SAFE

The Instapak® 901 system meets major international equipment safety standards.

LISTED
PACKAGING SYSTEMS
4D53 E 167535



All Instapak® systems feature patented, self-cleaning dispensers.

# Applications

## FOAM-IN-PLACE

A simple cushioning or block-and-bracing process protects a variety of items of different shapes and sizes.

Instapak® foam is dispensed into a carton lined with high-strength Instamate® film.

The Instamate® film is folded over, and the product is placed on the rising foam.

A second sheet of Instamate® film is placed over the product, and more Instapak® foam is dispensed.

Your customer receives your product undamaged.

## FOAM-IN-PLACE MOLDING

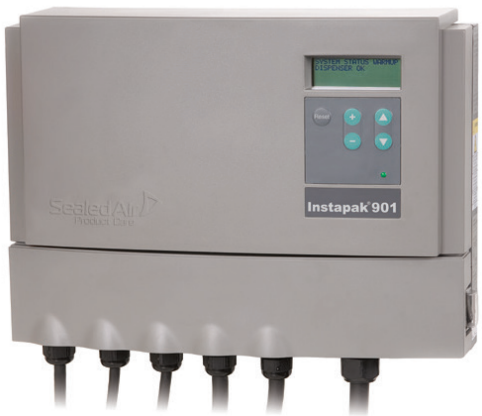
This process produces specifically designed cushions for ultimate protection and efficiency.

An item to be fitted for a custom mold is selected.

A simple wood mold is used to produce the desired cushion shape.

Instamate® film is placed into the mold, and Instapak® foam is dispensed.

Your product is packaged safely in custom-shaped, engineered cushions.




## FEATURE SPOTLIGHT

The state-of-the-art console has foam output controls, built-in timers and self-diagnostic features for user-friendly operation.

Sealed Air®
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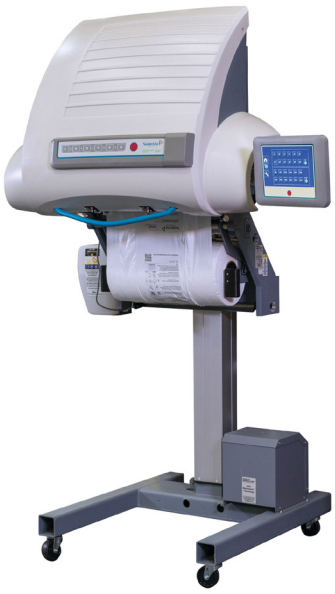
# SpeedyPacker Insight® System

## Foam-in-Bag Packaging at the Touch of a Button



Our SpeedyPacker Insight® systems can deliver up to 21 foam-filled bags per minute, providing maximum productivity and product protection at the touch of a button. Both our benchtop and height-adjustable models can produce traditional foam-in-bag packaging as well as our Continuous Foam Tubes.

## FOAM-IN-BAG

Foam-filled bags in a variety of sizes are placed where needed for void fill, cushioning, or blocking and bracing.

1. Select the proper bag length. Place the bag into the carton with product on the cushion.

2. Place the second bag on top of the product.

3. Close the carton flaps to form a top cushion.

## CONTINUOUS FOAM TUBES (CFT)

Continuous Foam Tubes can be used for a number of packaging applications.

1. Select the size of the tubes and length of the chain.

2. Place the CTFs in the bottom of the carton to form a protective base.

3. Use a foam filled bag to create a top cushion, or additional CFT to wrap product.

# FoamWrap™ Express Features

## ON-DEMAND FLEXIBLE PROTECTION

The Instapak FoamWrap™ Express foam packaging system from Sealed Air creates Instapak FoamWrap™ Material. The system uses a range of Instapak® high-performance packaging foams that provide superior protection with minimal foam usage. A compact design, customizable programming and just-in-time accumulation capability makes the Instapak FoamWrap™ Express system a perfect fit for any size packaging operation.

## ADVANCED INSTAPAK FOAMWRAP™ MATERIAL TECHNOLOGY

The Instapak FoamWrap™ Express system features a variety of new advancements that improve on our Instapak FoamWrap™ Material technology.

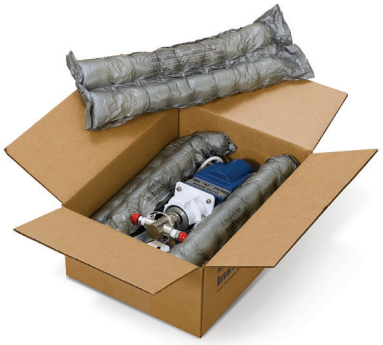
- Flow controlled dispensing allows the system to produce foam filled tubes, ranging from 1" to 5" in diameter
- Perforations can be programmed to suit individual needs and applications
- User-friendly touch key control panel allows operators to choose from 12 pre-programmed Instapak FoamWrap™ Material options

## COMPACT FOOTPRINT

The compact footprint of the Instapak FoamWrap™ Express system makes it ideal for tabletop placement, yet the speed and versatility of the system can handle the most rigorous high-volume, high-throughput environments.

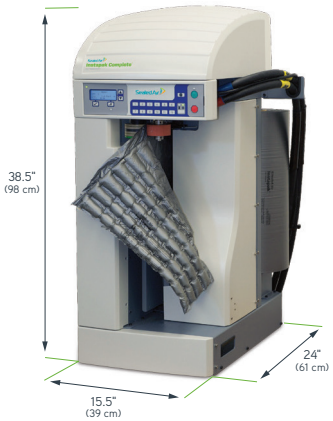
## WIND IT UP AND LET IT GO

Our optimal accumulator attachment feeds Instapak FoamWrap™ Material into a cushion bin or optional rolls, where it can be batched for later use or delivery to multiple workstations. These tubes can then be distributed to decentralized workstations or stored for peak usage.



## GET MORE BY USING LESS

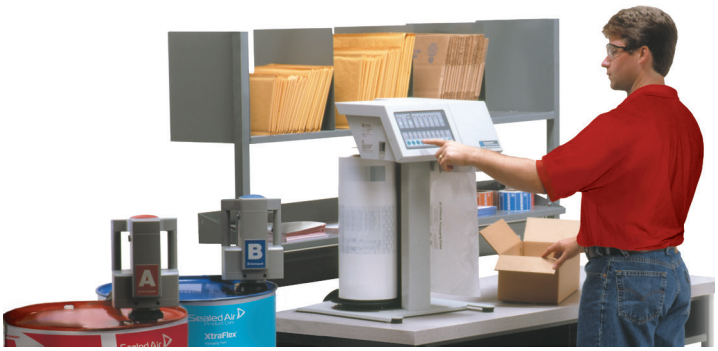
Capitalizing on the ability to produce low-profile material, the Instapak FoamWrap™ Express can deliver significant protection while allowing the packager to reduce cube size and overall shipping volume. By reducing material usage, users can also save on dimensional weight shipping fees and the environmental resources necessary to transport larger volume packages.



# A Process and System for Every Need

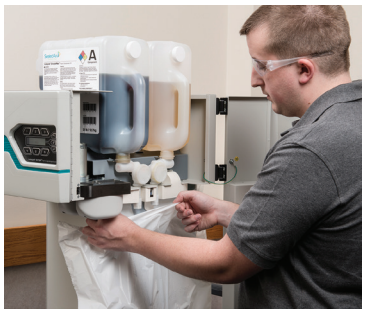
## INSTAPACKER® TABLETOP SYSTEM

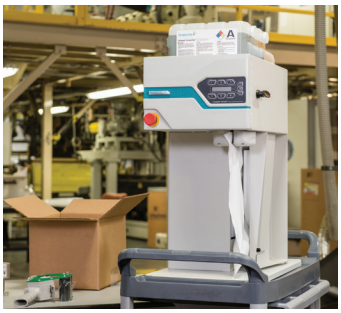
This affordable foam-in-bag packaging system combines the proven reliability of our 900 Series metering systems with the convenience and cost-effectiveness of the foam-in-bag process. The easy-to-use Instapacker® Tabletop system has an incredibly small footprint but can make a big impact on your shipping operations. Capable of producing 16 Instapak® foam-filled bags per minute, this versatile system can support the packaging needs of shipping rooms, multiple pack stations and production floor environments.



## INSTAPAK® SIMPLE™ SYSTEM

Introducting the Instapak® Simple™ foam-in-bag packaging system. True to its name, the Instapak® Simple™ system is our easiest to use foam system yet, merging the premium performance of Instapak® foam packaging with an on-demand delivery system that requires minimal training and service.





### Simply Superior Features

What sets Instapak® Simple™ apart from other foam packaging methods:

- Powered through a standard electrical outlet
- Pre-set push button operation
- Small 2.5 gallon material bottles snap into place
- Designed to require minimal service
- Packaging that just works, right out of the box
- The entire compact platform is mobile

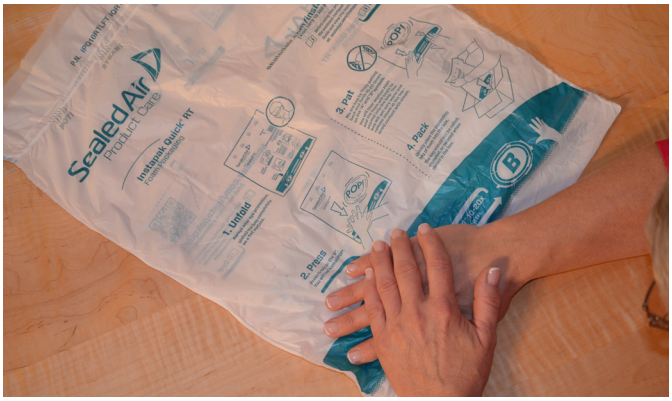
### Clean, Intuitive Operation

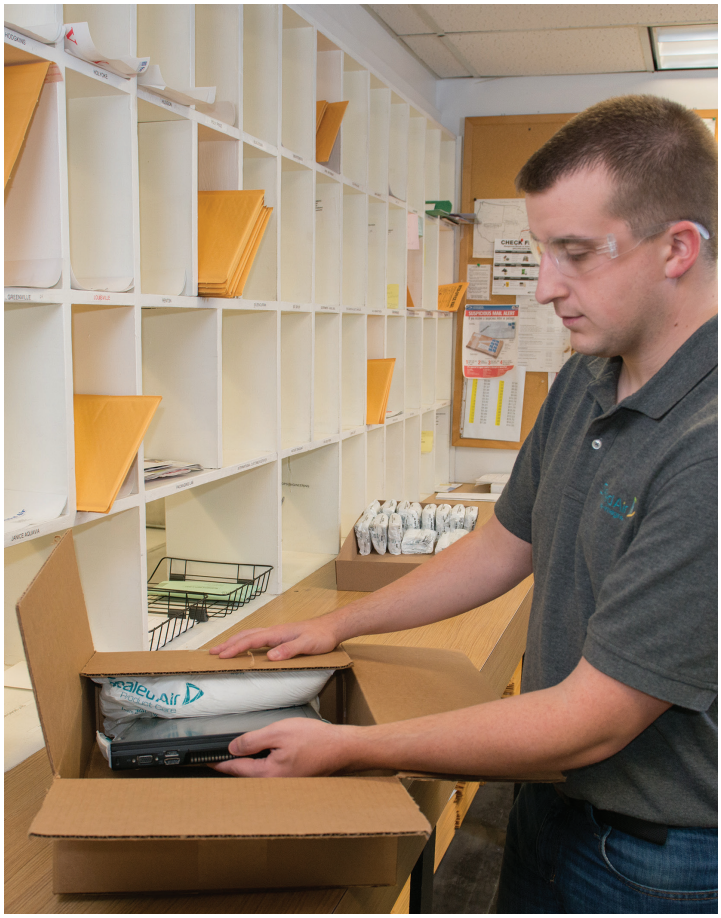
The Instapak® Simple™ foam-in-bag system is lightweight, easy to install and requires minimal maintenance, making it ideal for operations producing less than 20 packs a day. The Instapak® Simple™ system delivers foam filled bags on demand without the need for manual mixing or individual bag loading. The Instapak® Simple™ can easily be moved to any packaging locations.

# INSTAPAK® QUICK RT® PACKAGING

Instapak® Quick RT® packaging foam is lightweight and highly portable, making it ideal for on-demand protective packaging in warehouses, offices, mailrooms, at home or on the go. It is handy, custom packaging for what matters most.

Instapak® Quick RT® packaging foam is a versatile and convenient packaging method with no start-up costs. Any packaging operation can now enjoy all the benefits of Instapak® foam packaging without the traditional dispensing equipment.



## JUST PRESS, PAT AND PACK

1. Completely unfold an Instapak® Quick RT® bag, and lay on a flat surface. Press hard on the component “A” oval to break the seal.

2. Pat back and forth on the “A” and “B” ovals 20 times each. The foam inside the bag will begin to expand.

3. Quickly place the expanding foam-filled bag in the shipping carton and nestle the product onto the cushion.

4. Quickly place a second expanding bag on top of the product and close the carton flaps, creating a top cushion.

# Molding Equipment

## INSTAPAK® FOAM-IN-BAG MOLDING EQUIPMENT

Our Instapak® foam-in-bag molding equipment produces specifically shaped cushions for products that require the consistent, precise fit of engineered protection. Whether you are packing 20 or 2,000 products a day, we have a molding system to fit your needs.

Twin Vertical Molding Station

Instamolder™ System

## FOAM-IN-BAG MOLDING

Custom-designed cushions are produced quickly and provide optimum protection.

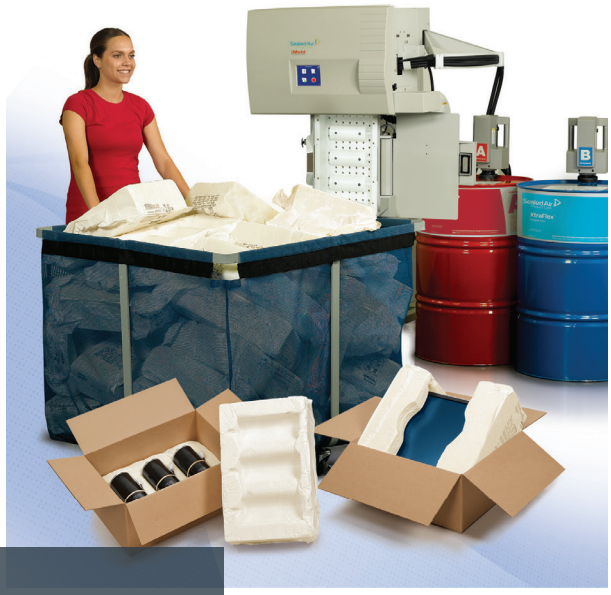
1. With the push of a button, the SpeedyPacker Insight® system quickly dispenses an Instapak® foam-filled bag.

2. When the foam-filled bag is placed into the mold enclosure, an on board vacuum draws the bag into the mold cavity.

3. Aided by a built-in air ejection system, the operator removes a finished cushion from the mold cavity where it has been allowed to fully expand.

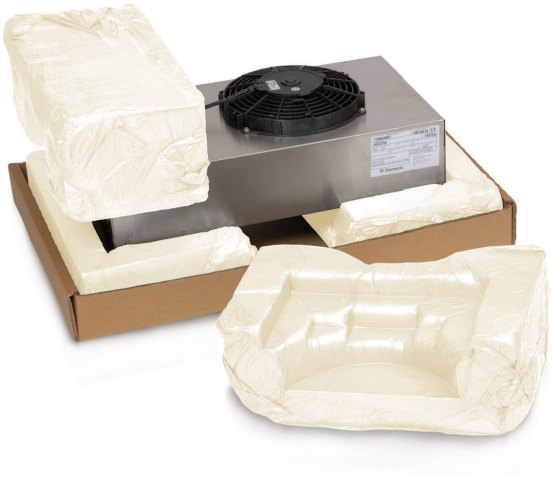
4. In under a minute, a cost-effective engineered package is ready to protect your product during shipping and handling.

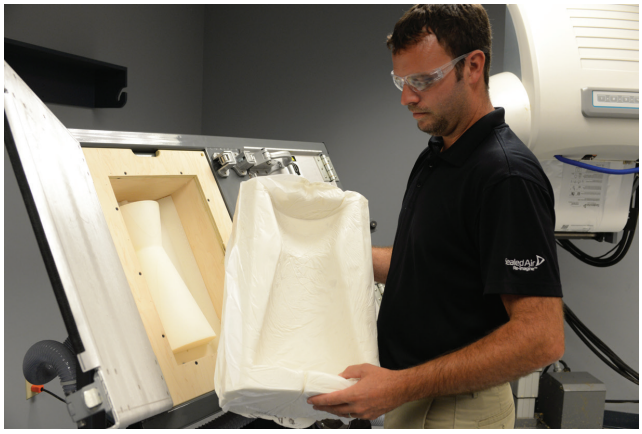
## INSTAPAK IMOLD®



The fully automated Instapak iMold® system instantly creates engineered, pre-molded Instapak® foam cushions. Sealed Air's patented Foam Dispersion Technology™ guarantees cushion consistency and integrity by dispensing Instapak® foam where it's needed most, while eliminating material waste. Operators only need to select a mold and the desired number of cushions and the Instapak iMold® system does the rest.

# Applications





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