

Sealed Air®

BRAND PROTECTIVE PACKAGING

Instapak® Foam Molding Guide



Boost Packing Efficiency and Damage Reduction with Instapak® Foam Molding

SEALED AIR® brand Instapak® foam molding options produce custom pre-fabricated cushions for products that require the consistent, precise fit of engineered protection. Our Packaging Application Center engineers custom design the cushions and molds to fit your product, reduce damage, and enhance sustainability by minimizing packaging material and reducing waste due to damage.

Molding System

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With a standalone molding system, you can semi-automate foam cushion production while reducing labor requirements. It includes the foam-in-bag equipment as well as molds for precise product protection.

INSTAPAK® IMOLD SEMIAUTOMATED FOAM MOLDING SYSTEM

This foam molding system automates foam cushion production while reducing labor requirements, all within a small footprint. A built-in air ejection system removes finished cushions from the mold cavity. Optional conveyor, scissor lift, and accumulation bins are available.



CONFIGURABLE FOR: Low- to high-volume packaging operations

REQUIRED FOAM-IN-BAG SYSTEM: Not applicable

OUTPUT: 1-2 molded cushions per minute*

WORK AREA: Based on configuration



Molding Equipment

Our molding equipment offers a range of production options, with custom molds designed by our Packaging Application Center experts. All molding equipment must be paired with an Instapak® foam-in-bag or foam-in-place system.

ROTARY MOLD/MOLD TABLES

Rotary mold tables offer efficient, affordable molded cushion production in a compact footprint. They are manually rotated to load and remove cushions, and molds can be changed out to create protection for a variety of products.



CONFIGURABLE FOR: Low- to high-volume packaging operations

REQUIRED FOAM-IN-BAG SYSTEM: Instapak® 900 and 901 foam-in-place packaging systems, Instapacker® Tabletop foam-in-bag system, or Instapak® SpeedyPacker foam-in-bag system

OUTPUT: Up to 3 molded cushions per minute*

WORK AREA: Based on configuration



INSTAPAK® TWIN VERTICAL MOLDING STATION

This molding station features two separate mold cavities designed for continuous production of cushions. It is compatible with a range of Instapak® foam-in-bag systems. Once a molded cushion is cured and removed, a new foam-filled bag can be placed in the empty mold.



CONFIGURABLE FOR: Low- to mid-volume packaging operations

REQUIRED FOAM-IN-BAG SYSTEM: Instapacker® Tabletop or Instapak® SpeedyPacker foam-in-bag system

OUTPUT: Up to 2 molded cushions per minute*

WORK AREA: 8' x 4' (2.44 m x 1.22 m)



*Dependent on foam and cushion

INSTAPAK® MOLDING WHEEL

This molding wheel comes in a six-mold configuration. It pairs with the SEALED AIR® brand Instapak® SpeedyPacker foam-in-bag system, which can control and index the molding wheel for consistent, automated cushion production.



CONFIGURABLE FOR: Mid- to high-volume packaging operations
REQUIRED FOAM-IN-BAG SYSTEM: Instapak® SpeedyPacker foam-in-bag system
OUTPUT: Up to 6 molded cushions per minute*
WORK AREA: 8' x 6' (2.44 m x 1.83 m)



INSTAMOLDER® HIGH-SPEED CUSHION MOLDING SYSTEM

This molding system comes in 8-mold, 10-mold, and 12-mold box configurations. It pairs with the SEALED AIR® brand Instapak® SpeedyPacker foam-in-bag system, which can control and index the molding system for consistent, automated cushion production.



CONFIGURABLE FOR: Low- to high-volume packaging operations
REQUIRED FOAM-IN-BAG SYSTEM: Instapak® SpeedyPacker foam-in-bag system
OUTPUT: Up to 12 molded cushions per minute*
WORK AREA: 10' diameter (3.05 m)



*** Key features represent configurations or options available within the overall category*

KEY FEATURES**

OPERATIONAL EFFICIENCY

1

Minimal Floor Space

2

Saves Material Storage Space

3

Minimizes Material Usage

4

Just-in-time Cushion Production

5

Reusable Cushions

PRODUCT INTEGRITY

1

Compatible with Wide Range of Instapak® Foam Formulations

2

Engineered Cushion Design for Premium Protection

3

Premium Packaging Appearance

PRODUCT VARIATIONS

1

Manual Operation

2

Programmable Operation

3

Semiautomated Operation

4

RFID for Mold Changeovers

5

Operator-less Cushion Management

6

Continuous Production when Paired with Foam-in-Bag System

Instapak® cushions can be returned to one of our worldwide return locations for diversion from landfills; find locations on www.sealedair.com/instapakfoamreturn.

*Dependent on foam and cushion