

FOAMplus[®] by **STOROpack**

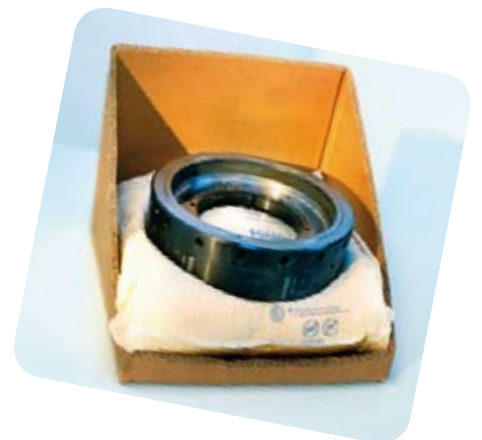
... more than just foam




STOROpack

Custom made Packa

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Packaging for Your Products

FOAMplus® from Storopack is a unique packaging solution that forms a perfect fit around any product regardless of size, weight or fragility. The FOAMplus® molded cushions are produced on demand at the packing station and form to the shape of the product. The cushion is extremely impact-resistant and lightweight, providing a high-grade, custom-fit protective barrier for your product.

Safe and sound

- FOAMplus® ensures that your customer receives an undamaged product in clean, professional packaging.
- FOAMplus® adapts perfectly: Whether you use the hand-held or foam-filled bag system, you can always be confident that FOAMplus® will mold around the product, protecting it like a glove.
- FOAMplus® is versatile: A wide selection of foam densities allows you to use FOAMplus to package any type of product.
- FOAMplus® offers outstanding protection: The foam sets to an impact-resistant cushion, holding the product securely and keeping it safe.
- FOAMplus® saves space: Foam cushions are produced as needed and the systems are extremely compact, giving you maximum yield while using minimal space. A unit with two 55 gallon drums can produce up to 3,200 cubic feet of protective foam cushioning.
- FOAMplus® keeps transportation costs down: FOAMplus® provides superior protection and is very light weight.

Watch for our Protective Packaging Guide

This convenient guide is shown throughout our catalogue to help you choose the right FOAMplus® product. The functions highlighted on the side of the box ensure you're getting the product that will meet your packaging needs.

Cushion:

Absorbs shock. Protects fragile products.

Block and Brace:

Holds heavy items or single objects in place inside the box.

Void-Fill:

Fills empty space and keeps products from rattling in the box.

Wrap:

Covers product surfaces to avoid contact damage and provides all sides with shock protection.



FOAMplus® Bagpacker

Your advantages:



- easy to use
- self - cleaning gun
- minimum maintenance
- multiple bag sizes and fill settings



The functions:

- ✓ Cushion
- ✓ Void-Fill
- ✓ Block & Brace

The FOAMplus® Bagpacker is fast, easy, efficient and economical, making it the first choice in foam-in-bag systems. The machine can produce up to 23 foam-filled bags per minute at the touch of a button. FOAMplus® bags save time and money while providing secure protection for products of virtually any size, shape or weight. The controller has a built-in programmable timer designed to cut waste and simplify operator training. A self-cleaning gun and robust machine design help to keep maintenance costs to a minimum. In addition, the stand adjusts easily to varying heights to ensure operator comfort.



Practical and simple: The controls

The FOAMplus® Bagpacker controller is simple to operate and offers maximum flexibility. Easily programmable and stores up to 594 settings for varying bag sizes and foam-fill amounts.

Bagpacker

Size:	59" x 79" x 29.5"
Weight:	770 lbs
Power:	220 V - 30 amps
Speed:	23 bags per minute

Safe, quick, simple: the application

Individual solution

1 Using a pre-programmed keypad setting, a precisely measured volume of foam is dispensed into the liner. The liner is then heatsealed along the pre-set length to form a bag.



2 The bag is immediately placed in the box, and the product lowered in as the foam continues to expand.



3 A second pre-filled bag is placed on top.



4 A few seconds later the FOAMplus® foam has set, forming a clean protective barrier fitting neatly around the product.



Pre-forming

1 Using a pre-programmed keypad setting, a carefully measured volume of foam is dispensed into the liner. The liner is then heatsealed along the pre-set length to form a bag.



2 The bag filled with FOAMplus® is placed in a mold designed to match the product.



3 The lid is closed. The FOAMplus® foam expands inside the box and only a few seconds later it has set.



4 The made-to-measure packaging is ready and waiting. Customised protective packaging without the storage.



FOAMplus® Handpacker

Your advantages:



- microprocessor control
- self - diagnosing software
- self-cleaning
- controlled dispensing

The functions:

- ✓ Cushion
- ✓ Void-Fill
- ✓ Block & Brace



The FOAMplus® Handpacker is manually operated, with a fully electronic microprocessor control to maintain consistent quality. Its performance capability makes FOAMplus® one of the fastest foam-packaging systems. It speeds up the packing process without sacrificing packaging quality.

The self-diagnosing software in the FOAMplus® system keeps everything working smoothly and effectively. The foam gun is self-cleaning and delivers packaging foam of the very highest quality.

Practical and simple: The controls

The FOAMplus® Handpacker controller is easy to program and use. Preset timer controlled dispensing makes the operation efficient and minimises mistakes and material waste.



Handpacker

Size: 29" x 56" x 16"
Weight: 375 lbs
Power: 220 V - 30 amps

Simplicity plus dependability: The applications

Individual solution

1 Once the FOAMplus® liner has been spread in the container, the FOAMplus® foam is dispensed directly into the box and the liner is laid over the expanded foam.



2 The product you want protected is placed onto the foam while it continues to expand.



3 A second liner protects the product and the top cushion of foam is dispensed.



4 FOAMplus® molds itself around the product, providing optimum protection against damage in transit.



Pre-forming

1 Storopack can design simple wooden molds, which are perfect for manufacturing tailor-fit packaging for batch products.



2 A vacuum draws the FOAMplus® liner into every contour of the mold and a preset amount of foam is dispensed. The lid is closed and the foam expands inside the mold.



3 FOAMplus® needs only a few seconds to set. Then the pre-shaped cushion can be lifted out and placed in its box, ready for the product.



4 It's the quick, easy and cost effective way to produce batch after batch of custom protective packaging.



FOAMplus® Accessories

Practical and efficient



The Components.

Two components in liquid form (a mineral oil-based diphenylmethane di-isocyanate, for short Component A, and a saponified polyol mixture, for short Component B) react together to form a (H)CFC-free polyurethane packaging form, which expands up to 280 times its original volume within 15 to 25 seconds, depending on the foam thickness.

The Film.

The FOAMplus® film, available in standard and antistatic quality, is specifically developed for the FOAMplus® system. It combines tremendous strength with flexibility, and acts as a cushioning envelope. The film comes in rolls and is available in a range of widths to suit the application. Each roll carries the environmental protection data you require, along with our free hotline number to dial if you want additional information.



The Gun.

The FOAMplus® gun has a self-cleaning mixing chamber. The revolutionary system combines gun and controller to ensure outstanding reliability. Accurate measuring, versatility, high efficiency and reduced maintenance costs make FOAMplus® the best in its class.



FOAMplus® accessories

Storopack provides a range of accessories for FOAMplus® systems including a manual cutting system for liner rolls up to 48" wide and packing tables. In addition, FOAMplus® can be integrated seamlessly into production lines and with other Storopack packaging systems.



Made-to-measure packaging: Quality and ease of use.

FOAMplus® makes it easy to produce your own custom packaging on-demand. The molding system is easy to use and can produce as many as 13 cushions per minute. As they are formed, the FOAMplus® cushions can simply be placed directly into the packaging carton around the product and the package is ready to go. On-demand custom packaging molds save valuable time and costly storage space.

FOAMplus® Bagpacker in combination with the Dual-Station



Bagpacker machine in combination with the FOAMplus® Dual-Station.



Step 1: The operator chooses a pre-programmed bag setting.



Step 2: The operator places the foam-filled bag in the wooden mold.



Step 3: The mold is closed to allow the foam to expand inside.



Step 4: After a few seconds the FOAMplus® cushion is ready.



With the FOAMplus® Dual-Station you can quickly make a wide range of protective cushions for a variety of different products.

FOAMplus® Integration

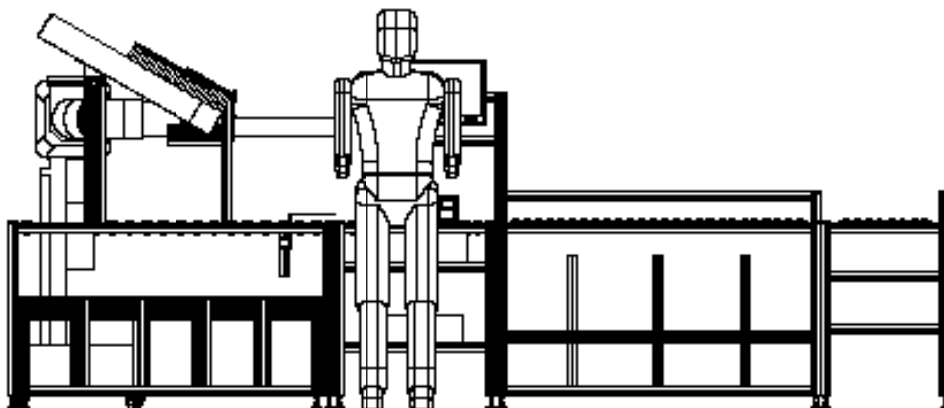
Integration at your service

FOAMplus® machines from Storopack integrate easily into any packing environment. Their speed makes them an efficient and convenient in-line packing tool. The small footprint offers maximum efficiencies for space and production capacity.

Storopack's Systems Integration Department works closely with you to develop a plan that provides the most efficient methods to deliver and use your packing materials. First they carefully analyse your workflow, current process and facility. Their analysis includes consideration of details such as:

- **In-line or off-line packaging**
- **Pre-produced materials vs. on-demand production**
- **Ease of handling**
- **Speed and ease of supply material loading**
- **Maximum use of facility space**
- **Accessibility for loading and machine maintenance**
- **Environmental issues**
- **Optimised ergonomics and output**
- **Consideration of plans for future changes ...and more**

After a thorough analysis our engineers go to work to develop a proposal that effectively integrates the new machines into your existing facility or, if appropriate, a completely new layout of your packaging area. Our proposal is sent to you with drawings showing a clear picture of where and how the machines will be integrated into your facility so you'll be able to judge the added value of your investment. Once we receive your approval Storopack will deliver and install your new systems within 6 to 8 weeks.



The first technical drawing of the packaging system integration.

Integration at the packing table



FOAMplus® Bagpacker machine with a single packing table solution.

Modular integration



Multiple FOAMplus® Bagpacker machines integrated in a direct conveyor technique.

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