

Automatic Delivery System (ADS)

Examples of ADS

Many of our customers already benefit from the handling advantages offered by our ADS systems. If you would like to be informed about the potential of our systems in your packaging environment, please contact us.



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Air cushions, a short introduction

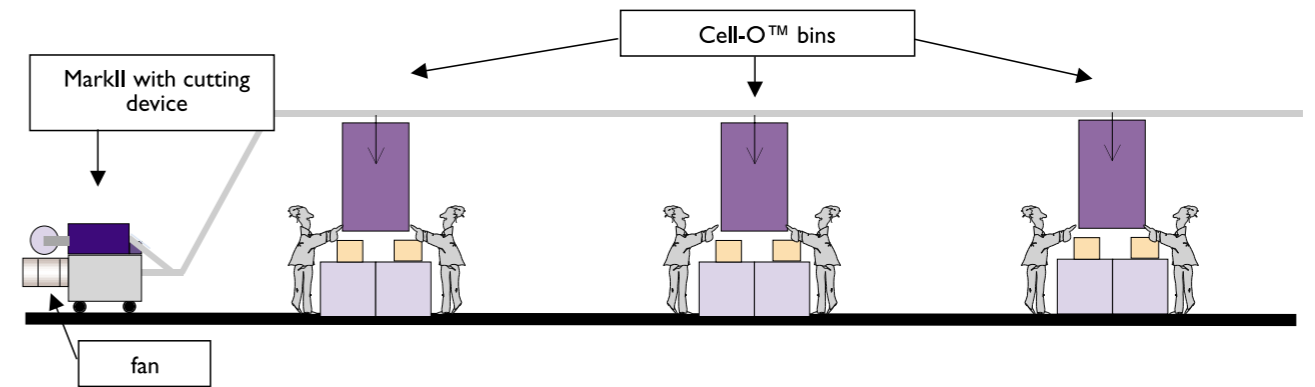
Working with air cushions is recognized by more and more companies as a void fill material which offers many advantages. Most important is that air cushions protect your products during transit; however Cell-O™ air cushions offer more than that. The benefits of Cell-O™ include:

- Dust-free and hygienic
- Light as air
- Re-usable and recyclable
- Only 2% residual volume

Our unique film blend makes Cell-O™ air cushions a pleasure to work with and a pleasure for your customers to receive.

FP International developed a range of systems to produce air cushions, such as the Cell-O™ EZ and Novus machines, that produce different air cushion shapes with many applications. These machines do not require compressed air and are known for being user-friendly and reliable.

With over 30 years experience in material handling systems, F.P International work with the customer to develop an efficient automated system designed to reduce manual transportation from production to the pack station. An Automatic Delivery System (ADS) makes this possible.



Automatic Delivery System, the Principle

An Automatic Delivery System (ADS) transports air cushions from the machine to the packing table. The MarkII air cushion machine can be equipped with a cutting device, enabling the production of a chain of air cushions with a fixed length. This length is adjustable to the number of cushions to suit the packaging requirement, and can vary from 3 to 20 cushions. A fan then blows the chain of cushions through a channel to a hopper that hangs over the packing table. The packer takes the cushions from an opening at the bottom of the hopper, and can work with the material immediately. Each hopper is equipped with a sensor that automatically sends a signal to the machine as soon as the hopper needs to be filled. This way, one machine can provide several packing tables with cushioning material.

Automatic Delivery System, the Benefits

- Packaging material on demand
- Eliminates the need to transport the cushions manually
- Space saving
- The air cushions are pre-cut at the desired length
- Innovative
- Cost effective
- Modular system, enabling extension of existing systems

Each ADS system is custom made, and can therefore be integrated into almost any existing packaging environment. Following an evaluation of your logistic situation by F.P staff, we will work with you, to provide the optimal solution for your requirements.



EZ air cushion system



MarkII air cushion system



Hopper with grip-opening



Automatic Delivery System