

Sustainability: *Development that meets the needs of the present without damaging or compromising the ability of future generations to meet their own needs.*

*World Commission on Environment & Development
The [Gro Harlem] Brundtland Commission
1987*

As a responsible manufacturer, Automated Packaging Systems is taking steps to implement sustainability initiatives that will have a positive global impact now, while building a foundation that will carry us well into the future.

Our Commitment to Sustainability includes:

- Applying key principles of conservation, innovation and economic responsibility to our daily business practices
- Utilizing people, processes and products to meet the sustainability needs of our customers worldwide
- Preparing for the needs of future generations

Automated Packaging Systems & Sustainability

**Fulfilling the Needs of Today
Recognizing the Needs of Tomorrow**

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Our Sustainability Initiatives

How Automated Packaging Systems implements sustainable actions and products today...

Our Products

- New **EarthAware™** biodegradable and recycled films reduce landfill waste^{1,2}
- Energy efficient equipment features, such as adjustable settings for heat, air and speed; and power-reduced idle modes
- Flexible systems that can be used for multiple applications, limiting the need for additional packaging machinery
- Spare Parts Reconditioning and Exchange Program reduces waste
- Downgauged bag films that reduce the amount of material needed without compromising performance
- Certified Rebuilt Equipment that is reconditioned to original performance specifications and extends product lifecycle
- RoHS compliant thermal transfer ribbon that does not incorporate defined hazardous materials



**The AirPouch™ Express 3
Tabletop Void-fill System**



**AirPouch™ EarthAware™
Recycled & Biodegradable Air Pillows**

Our Processes

- Regenerative thermal oxidizers are used to capture and destroy nearly 100% of VOCs³
- Lean manufacturing processes that eliminate waste and minimize resource consumption in production
- Recycling scrap film and pre-consumer bags
- Re-using waste inks and solvents in the production of recycled bags to mask color inconsistencies
- Manufacturing plants and corporate offices use compact fluorescent lighting and motion detectors to save energy
- Installation of low-flow toilets to reduce waste water
- Recycling of more than 10 tons of used office paper annually
- Water filtration systems in use instead of scheduled drinking water deliveries



**Autobag® EarthAware™
Recycled & Biodegradable
Pre-opened Bags-on-a-Roll**



**The Autobag® PaceSetter
PS 125 OneStep™ Tabletop Bagger**

¹The additive used in our biodegradable film has been tested by independent laboratories in accordance with standard test methods approved by ASTM, ISO, and other such standardization bodies, and has been approved for marketing as biodegradable and safe for the environment. This product does not meet ASTM D6400-04, which is specifically for the labeling of plastics designed to be composted in municipal and industrial aerobic composting facilities.

²Our recycled film is made with pre-consumer recycled bag material.

³Exceeds EPA Clean Air Act requirements which defines acceptable emissions levels of certain pollutants. More information on these air quality standards can be found on the US EPA website at <http://epa.gov>.