

CASE STUDY

TAVO PACKAGING GETS SCRAP AND DUST COLLECTION SYSTEM UPGRADE

Fairless Hills, PA



INTRODUCTION

TAVO Packaging is a custom folding carton manufacturer located in Fairless Hills, Pennsylvania. TAVO specializes in carton solutions for large-volume customers. With a focus on quick-serve restaurant, food service, refrigerated/frozen foods, and bakery products, TAVO serves some of the world's most recognized brands.

THE CHALLENGES

While TAVO was known for its consistent reliability and responsiveness; renowned for its high-quality products; and sought after for its combination of capabilities and expertise, the facility required some upgrades so that the company could manage increased capacity and continue setting the industry standard.



Unightly Cyclones on Roof

Outdated cyclones on the facility's roof contributed to an unattractive appearance.

Undersized Scrap Collection System

With an undersized scrap collection system, production capabilities were limited to producing only two grades of scrap paper bales.

Negative Pressure Environment

Cyclones exhausting to air created a negative air pressure environment within the building, resulting in inefficient energy use.

Suboptimal Scrap System Location

With the baling room located in the center of the building, bales of scrap paper had to travel a longer distance than necessary to prepare for storage and transport.

AES SOLUTIONS

As part of a facility-wide expansion and manufacturing capacity upgrade, AES outfitted TAVO's facility with a state-of-the-art scrap and dust handling system. With the addition of two new Bobst high-speed die cutters on the manufacturing floor, the AES scrap conveyance system enabled the company to keep up with the increased levels of scrap generated by machines.

Improved System Location

To enable more efficient scrap handling, AES installed the new system adjacent to the facility's loading docks.

New Baling Room

Bale transport was streamlined thanks to a new baling room conveniently located next to the existing loading docks.

Negative Pressure Issues Eliminated

A new dust collector eliminated negative air pressure within the plant and improved plant cleanliness.

AES AirShark™ Separators Installed Under Roof

Scrap conveyance volume and efficiency increased and aesthetics improved, thanks to the small footprint and high air handling capacity of the AirShark™ separators.



THE RESULTS

With an upgraded scrap baling and dust collection system, TAVO Packaging increased product throughput, improved plant cleanliness and safety, and enhanced the exterior aesthetics of the facility.



About AES

AES is a leading full-service provider of integrated conveyance systems specializing in scrap, trim, and dust that designs, builds, and maintains economical solutions for more efficient byproduct handling. As a single source for conveyance needs, AES engineers custom scrap systems and works as a partner in process improvement to help businesses achieve greater profitability, productivity, and sustainability in their manufacturing operations.



Single Source for Conveyance Needs



Custom-Engineered Scrap Systems




Partner in Process Improvement

SOLVE YOUR SCRAP PROBLEMS.
CONTACT AES TODAY.

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