



# ENHANCE SCRAP CONVEYANCE WITH AES FRESH AIR INTAKE SYSTEMS

Today's escalating energy costs demand a fresh approach to production management. Modern manufacturers recognize the need to focus on plant efficiencies as part of their business operations. Our fresh air intake systems can be a key component of your plant's environmental efficiency strategy, delivering energy savings while enhancing operational safety and the long-term performance of the scrap conveyance system.

Traditional scrap conveyance systems that exhaust to the atmosphere can rob a plant of conditioned air, increasing heating and cooling expenses and creating a negative pressure environment inside of buildings. AES's closed-loop fresh air intake systems eliminate negative pressure problems, optimize the quality of indoor air, and can help facilities realize substantial continued savings through reduced equipment, installation, maintenance, and energy consumption costs.



**ECONOMICAL AIR CONVEYANCE**



**BALANCED AIR ENVIRONMENTS**



**IMPROVED AIR QUALITY**



**LOW ENERGY CONSUMPTION**



**REDUCED HEATING & COOLING COSTS**

## Achieve Economical Air Conveyance

Fresh air intake systems are more versatile, adaptable, and cost-effective to purchase, install, and operate than traditional return air filtration systems. Their role in air conveyance architecture can boost productivity, lower heating and cooling bills, and provide significant equipment, infrastructure, and operational cost savings. Die cutters, finishing lines, and shredders can all be integrated into a custom fresh air system for manufacturers.

## Prevent the Loss of Conditioned Air

Fresh air intake systems operate in a closed loop, which eliminates the loss of conditioned air from the plant and prevents negative pressure conditions from occurring without the need for an air make-up system. Economical to operate and easy to maintain, these systems can deliver big-dollar savings year over year when compared to the equipment, maintenance, and energy costs associated with traditional cyclones and dust collectors.

## Avoid the Need for Added Equipment

The strategic use of fresh air intake systems may reduce or eliminate the need for expensive dust collectors and air exchangers, along with the associated expenses of air quality permits, costly compliance measures for combustible dust, fire, and explosion suppression systems. Additional savings may be available from utility companies through Energy Conservation Measure programs (ECMs).

## Support Sustainability Goals

Innovative energy management solutions can help support company commitments to sustainable practices and products. Fresh air systems reduce airborne particulates and create healthier indoor air, improving the cleanliness and environmental impact of converting equipment. AES's fresh air systems are designed to be fully compliant with prevailing air quality regulations and standards while consuming less energy than traditional alternatives.

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**Fresh air intake systems are just one of many comprehensive solutions we offer to improve scrap management. We partner with plant engineers and management teams to help customers meet safety and compliance initiatives and respond to changing regulations, industry standards, and enforcement actions.**



# CONVEY WITH CONFIDENCE™



**DISCOVER THE BENEFITS OF AN AES FRESH AIR INTAKE SYSTEM. REQUEST MORE INFORMATION TODAY.**

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