



The industry leader in  
trim and matrix removal

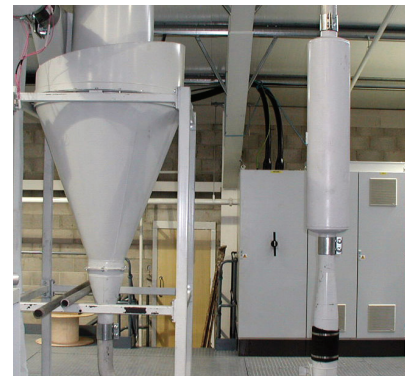
# PAC AIR SEPARATORS REMOVE CUT WASTE MATERIAL, DUST AND VELOCITY FROM CONVEYING AIRSTREAM



INSIDE:



Slant Screen Separators



Cyclones



Spirators

PAC air separators are an integral part of every pneumatic trim, matrix and scrap handling system. By dramatically reducing the airstream velocity, this PAC Slant Screen Separator allows the waste material to fall into the disposal unit.



# PAC PLANT SCREEN SEPARATORS PREVENT TRIM CARRYOVER, ELIMINATE DANGEROUS AIR TURBULENCE AND CUT MAINTENANCE NEEDS

## NEW S2K DELIVERS POWERFUL SLANT SCREEN TECHNOLOGY FOR LOWER PRODUCTION RATES

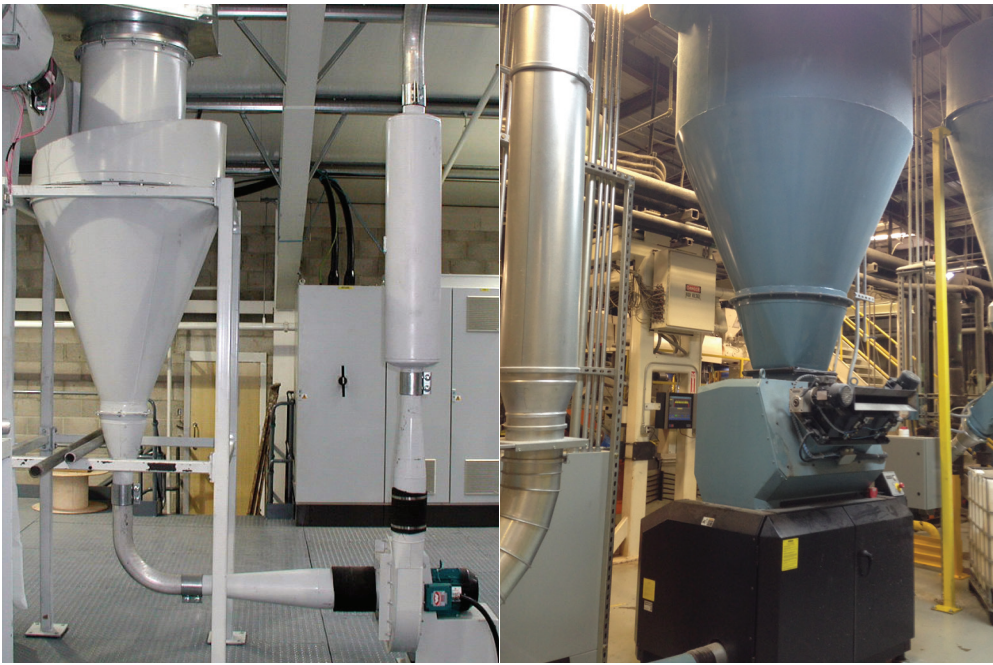
For installations where the high capacity of our original slant screen separator may be left untapped, our S2K slant screen separator delivers the same quality, reliability and cost-efficiency at low to moderate production rates. The design features the same proprietary technology but is 40 percent smaller to fit inside facilities and on rooftops where cyclones and spirators either would not fit or would not be able to handle the volume or type of material. A full return on investment is commonly achieved in as little as three months. Talk to your PAC engineer to calculate the payback speed on your system.



Our slant screen separators feature a proprietary design that directs the conveying air towards the screen at the precise angle that eliminates high velocity air pressure while preventing the waste material from contacting the screen. Our design continuously washes the screen of material. Dangerous air turbulence in drop chutes, balers, granulators compactors and other downstream equipment is eliminated. And up to 100% of the waste material is gently deposited into a baler, collector bag, box, compactor or other waste container.

- Adjustable inlet-airfoil to set optimal air velocity
- Damper for on-the-fly flow pattern adjustments
- Large viewing window for safe, easy flow monitoring
- Oversized access panel for quick maintenance
- Puncture-resistant, stainless steel screen
- Anti-rust, enamel finish for long-term outdoor operation
- Optional side chute loading without dust blow-back

Specify our slant screen separator for new production lines and for retrofit onto existing systems, indoors or outdoors, and especially where headroom is an issue.



## PAC CYCLONES FEATURE PERFORATED DESIGN AND RANGE OF OPTIONS FOR MAXIMUM VERSATILITY

PAC cyclones feature a perforated interior design that effectively separates granulate and dense waste materials from dust and conveying air. The air is released out of the top while the material is directed out of the bottom into a collection bag, box, silo or granulate feed system for easy recycling or storage. Due to their relatively low cost and high performance, our engineers specify cyclones wherever appropriate, incorporating a range of options to suit the application, such as dust collectors, anti-static systems, clean-out hatches and non-stick coatings. In demanding granulate applications, our anti-friction cyclones are proven to perform for years with little to no maintenance.

Our cyclones are typically smaller than the industry standard, though they may be built in nearly any size or diameter to accommodate the required airflow.



We test every separator in a complete trim handling system at our in-house test center before authorizing delivery. Quality and reliability are assured and guaranteed.



Our separators can be fitted with anti-static systems to eliminate static charges that may build up in the conveyed waste material. At the outset, PAC engineers calculate which trim systems may encounter issues with static.