

PAC STATIC ELIMINATORS NEUTRALIZE CHARGED TRIM AND GRANULATE



- Ensure efficient, complete waste removal
- Safeguard your people from static shock
- Boost overall system reliability and performance
- Promote easy handling of lightweight materials

Eliminate troublesome, static-induced clogs from your trim and waste handling system with our BarStat Ionicflow System. An integral part of your automated PAC system, it neutralizes charged paper, plastic, textiles and other chopped or granulated materials to keep them from sticking to each other, and to the air separator. Clinging and clogging are stopped and your waste flows smoothly, quietly and safely into a granulator, compactor or baler - with no static charge – while your downstream equipment delivers peak efficiency.





Above:
Neutralized film waste flows freely through the air separator.

Our expert PAC engineers calculate at the outset which trim systems may encounter issues with static and then specify the ideal system to neutralize static charges before they become a costly maintenance or safety issue. Durable, aluminum or steel ductwork promotes continuous grounding and dissipation of static charges.



“Anyone who works with plastic film knows static electricity can be a challenge. That’s one of the reasons why I specify PAC trim removal systems. With their integrated static neutralizer technology, the systems we supply do not have any issues with static cling and charged particles.”

Michael Wainer, senior product manager, cast, sheet & foam technology,
Battenfeld Gloucester Engineering, Gloucester, MA



As paper, plastic, textiles and other trim and waste materials race through the trim system, they often develop a static charge as they approach the air separator. If the voltage is high enough, it causes the waste to cling to the air separator and to each other and could even become a hazard to plant personnel and equipment.

Our BarStat Ionicflow System continuously neutralizes static charges with a series of electrodes mounted in a bar system. Placed in the conveying lines near an

separator located above a baler or granulator, the BarStat system directs a flood of positive and negative ions in the path of the charged edge trim or granulate. The charged particles are quickly and safely neutralized, the static is dissipated and the waste material is permitted and compelled to continue on to the receiver.

Our BarStat system thrives in challenging high dust – low humidity environments, such as in handling trim and paper waste from print-to-mail, remittance and other paper-based operations.



Your BarStat Ionicflow System is guaranteed to work as specified. With our experience, resources and passion for excellence, we stand proudly behind our engineering expertise and manufacturing skill.

Precision AirConvey Corp.
465 Corporate Blvd, Newark, DE 19702 USA
Tel: 302.999.8000
Email: get-facts@airconvey.com •
www.precisionairconvey.com