

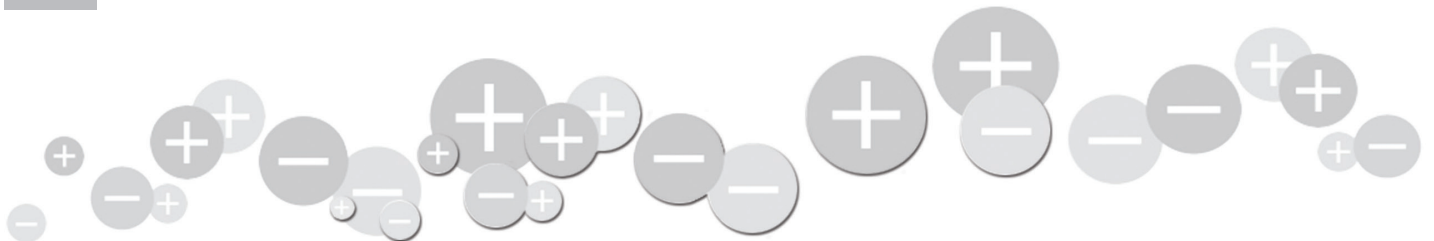


Conveyostat

IN-LINE IONIZER

Conveyostat Systems are designed to provide in-line ionization for neutralizing static charges on materials passing through pneumatic conveying systems to prevent them from becoming jammed.

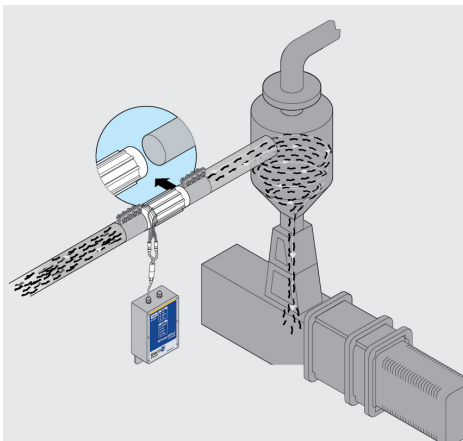
- Neutralizes charges on conveying trim materials
- Redesigned SS50 static bars enhance ionization and prevent hard arcs
- Straight, flanged and rolled edges available
- Improved ion delivery through the new BPS-C power supply provides more effective neutralization than AC designs
- Intelligent monitoring and PLC communication when paired with the IQ Power Control Station offers the most complete static control solution available
- Simplified power delivery with a single IQ Power cable featuring pre-installed conduit for fast and easy installation



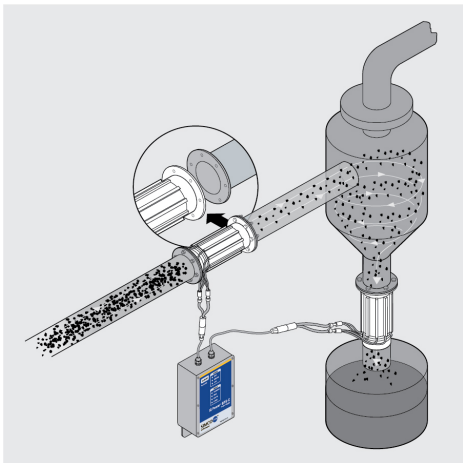
Conveyostat Specification	
Input Voltage	120 VAC, 60 Hz, 0.5A; 240 VAC, 60 Hz, 0.25A
System Components	One ionizer housing (tube) and BPS-C power supply
Enclosure	Stainless steel tube standard
Lengths	24" with or without rolled edge 36" flanged edge
Diameter	2-12" (larger sizes available)
Velocity	5200 fpm, max
Cable	10' (from housing to power supply)
Power Supply	BPS-C

Slitter Trim Application

Install a Conveyostat prior to the cyclone in a slitter trim application to neutralize the static charges that cause material to stick to the sides of the exit duct and send false signals to the baler, allowing the material to flow smoothly.



Remove static charges generated on plastics by installing a Conveyostat before and after the cyclone to keep the material moving freely.



Equipped with redesigned SS50 static neutralizing bars, **Conveyostat** units neutralize the static charge buildup on conveyed material, cyclones, and containers so that plant equipment and operations can be maintained without costly interruptions. Once properly installed to the end of a conveying system, Conveyostats can help to lower operating costs, reduce waste, improve product quality and material flow, and reduce machine downtime.

Power Supply

The new **BPS-C** smart power supply offers more monitoring capabilities than previous conveyed material neutralizers. The built-in indicators on the power supply can alert operators when it is time to clean the bars or if the system has faulted. Dry contacts are available for remote monitoring and operation when the unit is installed in an inaccessible location. Easy single-button calibration at install removes environmental effects and ensures optimal neutralization. Intelligent monitoring of the BPS-C with the IQ Power Control Station brings total control of static to the Conveyostat. Large touch screen interface provides a visual indication of ionizing performance and static bar condition to keep operators informed. Track changes in the neutralizers over time with data logging of ion currents. User adjustable balance control allows the Conveyostat to be optimized for each system and reduce static to the lowest charge possible. Reduce unnecessary downtime with adjustable clean bar warnings. Optional PLC connectivity brings all the control and monitoring of the IQ Power Control Station into one centralized location.



SIMCO IONTM
An ITW Company

5200564 Rev F
© 2022 Simco-Ion
All rights reserved.

Simco-Ion
2257 North Penn Road
Hatfield, PA 19440-1998
Tel: 800.203.3419 (in USA)
Tel: 215.822.6401
customerservice@simco-ion.com
www.simco-ion.com