

HOW TO: Improve Efficiency On Winders, Unwinders And Slitters

Contact and separation between two surfaces creates static electricity, which results in process problems and safety concerns when static reaches shock levels. The **challenge** is that static electricity causes severe problems throughout winding and unwinding applications, whether running plastic, film, paper or textiles. Both AC or DC type of anti-static ionization systems generate an electrical field, which causes the air molecules in the vicinity of the ionizer to break down into positive and negative ions. Because opposite polarities attract, any static charge material or product passing near the ionizer will attract ions of the opposite polarity until the charged material is neutralized.

But, the greatest influence over static bars performing well is “distance to target”. Due to AC ionization requiring a static bar to be mounted within inches of a web to effectively neutralize the static charge, this can be a problem if you can’t mount the bar close enough to the moving web.

Static Clean offers cost-effective **solutions** to all these problems. The all new 24vDC long range bar with its revolutionary built in intelligence are ideal for dealing with static electricity on winders. The 24vDC style long-range technology has been the most significant development in the static industry. On most new converting equipment, the 24vDC static bars can operate at higher

speeds and distances from 200mm to 1500mm from the web. Bars are also available for shorter ranges. The 24vDC static eliminators are designed to compensate for the changing geometry of the roll and provide a consistent level of static elimination by reacting to the static charge and emitting the quantity and polarity of ions to neutralize it. The combination of long-range intelligence with intense ion generation creates static eliminators for the most demanding applications.

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Visit us at www.staticclean.com
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IF YOU HAVE STATIC, WE HAVE SOLUTIONS



HOW to *STATIC NEUTRALIZE* AT THE UNWIND, REWIND & SLITTER.

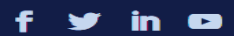
Contact and separation between two surfaces creates static electricity, which results in process problems and safety concerns, when static reaches shock levels.

Our static neutralizing bars are designed to help you control these troublesome and costly problems by neutralizing the static electricity that causes them.



FEATURES & BENEFITS

- **Cost-effective solutions.**
- **Available in lengths up to 12 feet.**
- **Small profiles available for installation in tight spaces.**
- **Improves efficiency on Winders, Unwinders and Slitters.**
- **Built-in Intelligence.**
- **"Clean Me" Function.**



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