

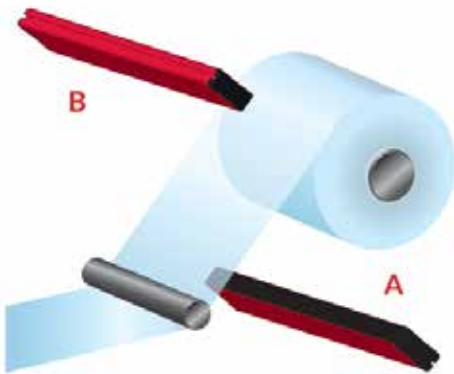
# SOLUTIONS TO STATIC PROBLEMS PLASTICS WINDERS, UNWINDERS, SLITTERS

Static electricity causes severe problems throughout winding and unwinding applications, whether using plastic film, paper or textiles.

Fraser offers cost-effective solutions to all of these problems. The NEOS range of static eliminators, were specially designed for winding applications. A few typical applications are shown below.

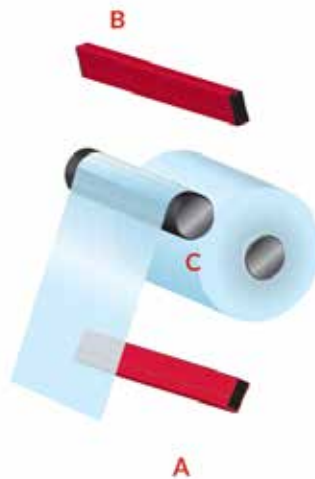


The all new NEOS Range of intelligent Static Eliminators



### Centre Winders

On a centre winder the NEOS Bar may be positioned above or below the reel. It is a good idea for the ionisation to be directed mainly at the reel, but also catching the single sheet, as shown below (A). Ionised Air Blowers can also be considered.



### Lay-on Roller

If there is a lay-on roller, the best position for the NEOS Bar is on the side where the film leaves the lay-on roller - in this case the underside - because it can neutralise the charge as soon as it is created. If this is not practical, then position the Bar on the top side.



### Turret Rewind

On a turret rewind, position the Bar so that its ionisation will be attracted to both rewind positions, if this is not possible two bars may be needed.

Position **A** is usually the most effective position - on the centre winder it neutralises both the single sheet and the reel; on the lay-on roller winder it neutralises the charge as it is generated in position **C**.

If it is not possible to position the Bar beneath the winder in position **A**, then position **B** can be used.