



CHARGING

BINDERY

HOLDING STACKS OF PAPER OR OTHER MATERIALS

When a stack of paper, magazines or similar material is transported on a conveyor there is a high risk of the product slipping off the stack. This was a big business with printers of telephone directories before the digital age. The pages of the directories were held together by static as they travelled towards the bindery station. While the telephone directory business has nearly died, there is still an important market in many areas of industry.

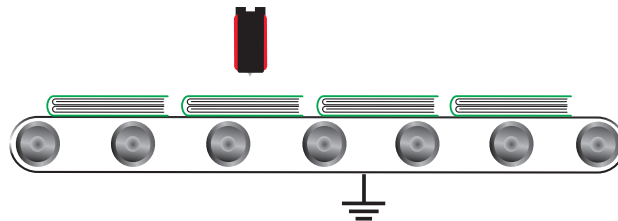
Holding stacks of paper or other materials on a conveyor to stop the sheets moving

This is common in the printing industry where thick books, like telephone directories, are being made.

For small piles - up to 20mm thick a single 7081 or 7130 Generator Bar can be used.

It is important that there is a ground/earth below the conveyor to attract the charge from the Bar. For thicker stacks up to 50mm use a 7160.

7160 Generator Bar



RELATED PRODUCTS



IONFIX Compact Static Generator

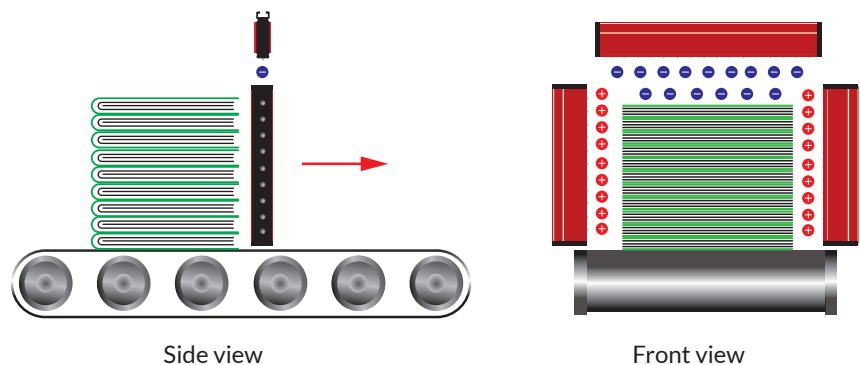


7160 Static Generator Bar

Compensating Stacker

For larger stacks where a single Generator Bar will not be effective an alternative arrangement is possible. This is shown in the sketch here.

The top Generator Bar is negatively charged, the two side Bars are positively charged. A negative and a positive Generator are required. These are built into the compensating stacker.



Sketch showing three 7160 Generator Bars pinning a larger stack of magazines.

A typical application could be magazines on an overwrapping line.