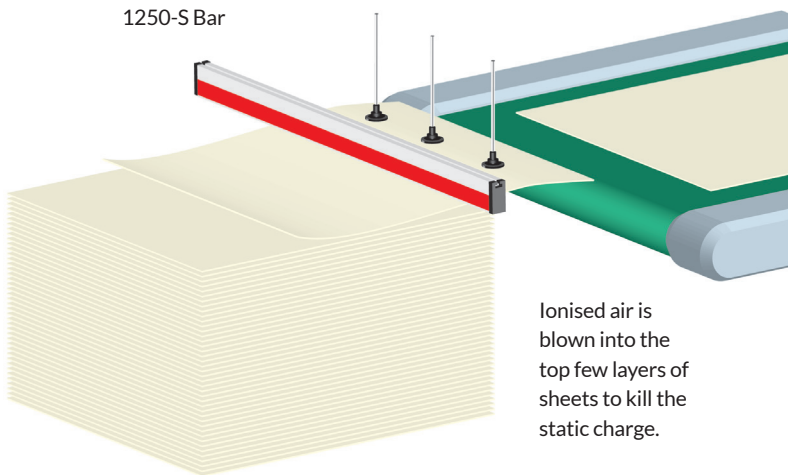


SOLUTIONS TO STATIC PROBLEMS PRINTING OFFSET PRINTING

Static electricity causes problems throughout the printing and print finishing industry. The sketches below show typical solutions in sheet fed litho printing and folders. Fraser offers cost-effective solutions to all of these problems.



Sheet Feeding

Static causes sheets to stick together, resulting in double-sheet feeding and sheet twisting on the feedboard.

Fraser manufactures Sheet Separation Systems to be used with compressed air to overcome this problem.

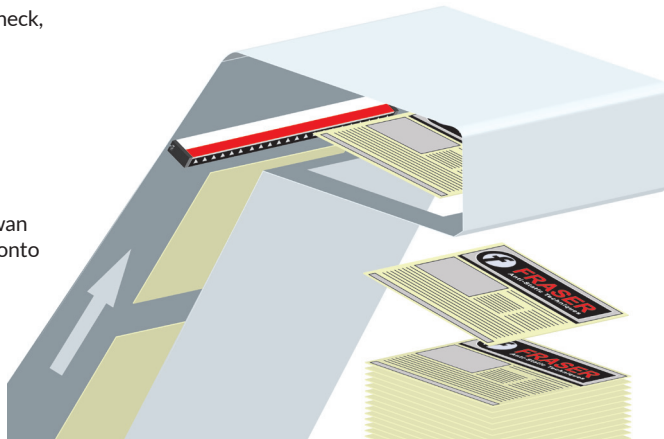
4300 In-line nozzle can also be considered for use with the existing air pipework.

A 1250-S Bar positioned about 10cm from the leading edge of the stack will also neutralise the sheet as it is lifted by the suckers - this will stop sheets misbehaving on the feedboard.

Contact Fraser for details on the latest sheet separation systems.

1250 Bar in swan-neck, and pointing down to reduce powder contamination.

Sheet travels up swan neck before going onto the stack.



Delivery

Static in the sheet after printing can cause bad delivery and a ragged stack.

The solution is to position a 1250 Bar so that it is within 50mm of the sheet, avoiding the grippers, as it travels towards the delivery.



Sheetfed Offset Press



Web Offset Printer: contact Fraser with specific problems.