

Applications

PACKAGING APPL CAT ON SEMI AUTOMATIC PRINTING MACHINES APPLICATION SHEET



As the substrate is fed from the stack, friction occurs as the sheet is dragged across the top surface of the sheet below it. This causes a static charge to build up which can create blocking (no sheets will feed as the entire stack becomes stuck together) or misfeeds as two or more sheets are dragged through.

To prevent misfeeding, position two (dependant on sheet size, more may be required) PULSElectronic nozzles behind the stack. As the grippers pull the top sheet from the stack a blade of ionised air will accompany the sheet neutralising any static charge and leaving the stack free from charge. This will increase productivity whilst reducing down time and waste.

Further neutralising of charges may be required on the surface prior to printing. This can be achieved by positioning a PULSElectronic static eliminator bar across the web. This will eliminate any charge on the surface and prevent spidering and fogging of print.