

Board Laminating

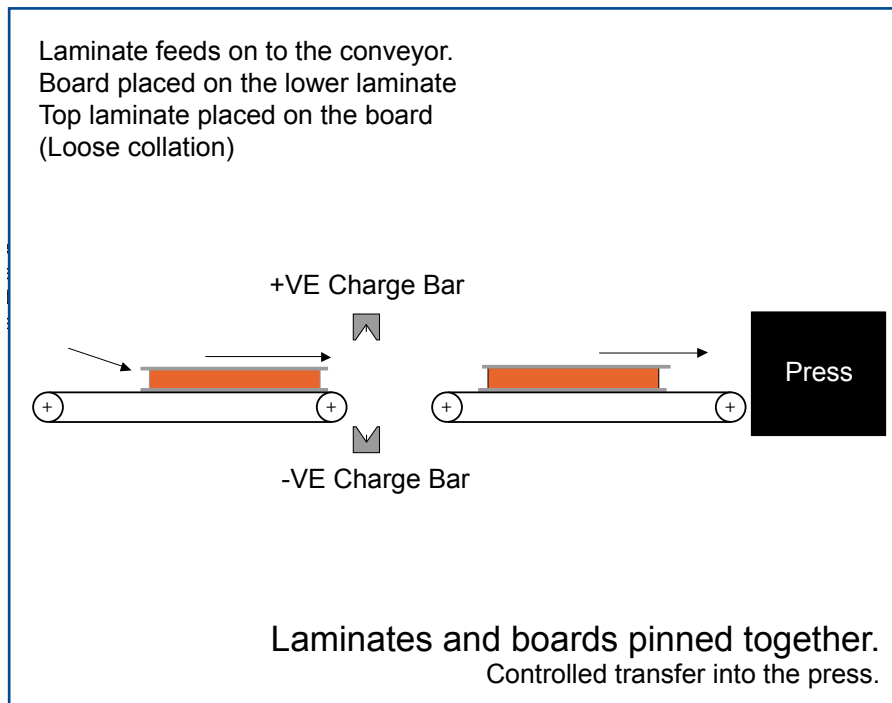
Static Generation - 993R Generator Bar



Other>Board Laminating>01 ISSUE 1

Problem

Laminated sheets used for furniture etc, are manufactured by attaching one or two laminates to sheets of man-made board (e.g. MDF). A laminate sheet is fed on to a conveyor and a board is then placed on top. A second laminate sheet (if required) added, creating a laminate 'sandwich'. The laminate 'sandwich' travels along conveyors to the press where the finished product is formed through heat and pressure. As the laminate travels along the conveyor, the 3 parts can easily move out of alignment leading to product rejection. In the past, spots of glue were used to hold the laminates in place. However it was found that marks could subsequently be seen on the surface where the glue had been applied.



Solution

By installing generator bars opposite each other, the laminate sheets are statically pinned to the board so that the laminate feeds correctly into the press. The resistive coupling of the bars allow close installation, which ensures top performance and simultaneously ensures that they do not spark when they 'see' each other between sheets.

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Meech International

UK: +44 1993 706 700
Hungary: +36 27 535 075

USA: +1 330 564 2000
China: +86 21 6119 6725

Belgium: +32 8067 0204

email: sales@meech.com
web: www.meech.com

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