

Maxson Automatic Machinery Company



“Reject Gate” Design

The reject gate on a MAXSON Sheeter is capable of diverting any number of successive sheets at speeds of up to 300 cuts per minute. This assembly utilizes sensors to time the directional flow of sheets cut and the starting and stopping of the slow speed tape system.

- When the rejection system is activated, a directional gate alters the flow of sheet to a Customer supplied bin.
- The design of the stainless steel fabricated reject manifold allows the top high speed tapes to maintain nip on the bottom high speed tapes pulling the cut sheets into the reject gate when it pivots into position.
- Through the drive arrangement, the slow speed tape system is stopped; positioning the last acceptable sheet cut on the slow speed tapes.
- This feature eliminates potential jam-ups at the overlap section when the flow of the sheets is resumed to the stacker, by insuring the oncoming sheet's leading edge positively overlaps the trailing edge of the last acceptable sheet.