



Fully Automatic Tray Handling System

Application



A 'Zero Line Pressure' roller conveyor and plastic trays are being used to collate items for a medical pack in a clean room before being sealed in plastic bags ready for dispatch.

This 'Zero Line Pressure' conveyor is very versatile and ideal for the transportation of trays, tote bins, cartons, etc., providing accumulation without contact between items. For example the trays shown in the photo could not be queued with pressure between them as they would ride up over each other, a gap is always maintained between them and is controlled by photo cells at each stopping position combined with the built-in controllers.

The conveyor has individually powered rollers and is modular in construction creating the possibility to add/remove zones.

Zones are cost effective as a number of slave rollers can be driven by one powered roller using 'Poly-V' transmission belts.



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