

Single Filer Conveyor for Glass Bottles



Client:
Diageo

Location:
Sydney, NSW
Australia

**Single Filer
Conveyor**

Slat conveyor

Line Control

The Project

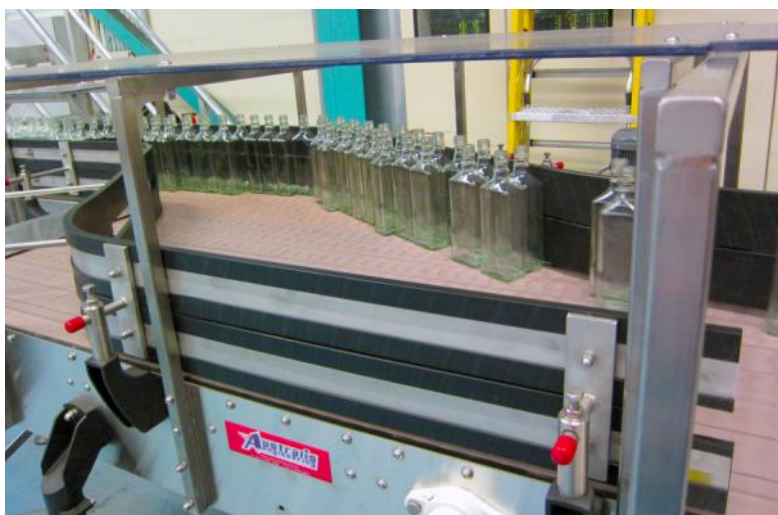
Diageo's glass line has to handle glass bottles from 700ml to 1,500ml in a variety of shapes from round to square through "D" shaped bottles, some parallel some with 'shoulders'.

Due to the variety of these containers, their existing single filer conveyor was not coping and had an unacceptable number stoppages due to fallen bottles or inconsistent delivery:

Utilising our 34 years of bottle conveying expertise, Australis Engineering provided the following outcomes:

- Designed, manufactured and installed a single filer conveyor with multiple speed drives that could be programmed to a recipe for each bottle shape and size
- Single filer conveyor design features slat chain conveyors
- Trained Diageo operators to be able to adjust and develop new 'recipes' for any new bottle shapes

Single Filer Conveyor | Slat Conveyors | Line Control



The Result

Australis provided a turnkey solution that minimises production line stoppages and allows the filling line to increase its running efficiency. The features of Australis Engineering's single filer conveyor system include the:

- Design, local manufacture and installation of a single filer bottle conveyor in an area with a limited footprint
- The new single filer conveyor is also capable of running any number of recipes to suit any particular bottle shape and size, including if new products or "special edition" short-run bottles are being produced.
- Australis also trained the Diageo operators, providing them a thorough understanding of how a single filer conveyor operates. This training provide a key value-add to the project as it allows Diageo staff to self-program the single filer conveyor with new recipes for future products.

A key success of the Australis Engineering solution was our utilisation of a tried and tested single filer conveyor design, based on our many years of experience in bottling lines. This experience allowed us to develop a single filer with the versatility and line control to handle a large number of varying bottle types, shapes and sizes and convey them in a consistent manner for further processing. The benefit to Diageo was evidenced by faster implementation and a reduction in the commissioning process, that allowed Diageo to move to full production faster than expected and helps realise a more rapid ROI.

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