

Bottle Conveyor System



Client:
4 Pines Brewing Co.

Location:
Sydney, NSW
Australia

The Project

4 Pines is a rapidly growing boutique brewing company located on the northern beaches of Sydney, With rapid expansion due to strong sales, 4 Pines required a major investment in new capital equipment to meet current and forecast production targets. To achieve this object 4 Pines purchased a range of new capital equipment to bring all their bottling and packing in-house. However, having sourced this equipment from a variety of suppliers they needed a conveyor system to link all of the equipment together to ensure a seamless production system.

Australis Engineering was engaged to design and manufacture a conveyor system that linked all of the bottle filling and packaging equipment together. As the 4 Pines project expanded, Australis was subsequently engaged to install and commission the bottle conveying system.

Australis provided 4 Pines with the following:

- Designed, manufactured, installed and commissioned a series of slat chain conveyors linking new and used bottling and packing equipment
- Our system included diverter systems, side transfers, manual packing stations
- With further growth expected, the system was designed to easily permit future expansion of the production line

Slat Conveyor System | Diverters and Transfers | Packing Station



The Result

Utilising our 30+ year history in the Beverage Sector, Australis Engineering was able to assess a layout proposed by the customer and offer expert advice to improve the layout and achieve a more efficient line design. Upon approval by 4 Pines we successfully manufactured, installed and commissioned the conveyor solution using our proprietary slat conveyor system.

The slat conveyor system was able to link a number of items of equipment from a depalletiser through a labelling machine, a filler and onto either a packing machine, or a manual packing station depending on the product type. Our system also included side transfers, diverters, and a twin lane feed system.

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