

Pallet Conveyor System for IBC Containers

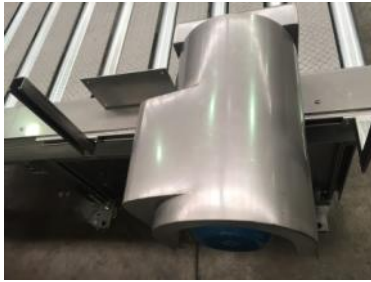


Client:
Huntsman

Location:
Sydney, NSW
Australia

Pallet Conveyors

Safety System



The Project

This was the final stage of a 4 stage project implement by Huntsman to replace existing pallet conveyors on an IBC filling line. The product being filled in the IBC's was a range of various hazardous and corrosive chemicals and so the conveyors at the filling station had to be fabricated in stainless steel to survive the harsh environment, while the infeed and outfeed conveyors were fabricated in galvanized steel.

Australis Engineering provided the following outcomes:

- Designed, locally manufactured and installed a non-standard pallet conveyor system that was designed specifically to handle IBC containers
- Designed and installed a safety system for the conveyors to ensure worker safety
- Designed, locally manufactured and installed fork lift bollards at loading and unloading positions

Pallet Conveyors | Safety System



The Result

Australis provided a turnkey pallet conveyor solution that minimises workplace health and safety concerns, improves production throughput and increase the reliability of a system running in a harsh and hazardous environment.

Utilising our expertise in hazardous substance environments, Australis Engineering's pallet conveyor solution include the local design, and local manufacture and installation of the system that was based on our standard pallet conveyor designs. However, due to the harsh operating environment, our existing conveyor design had to be heavily customised to suit this application. With over 34 years of conveyor experience, Australis Engineering's ability to work with the client and understand their specific needs and concerns enabled a smooth design process which resulted in a streamlined manufacture and commissioning of an ultra reliable conveying system, despite the harsh operating conditions.

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