

Carton Palletising Line Upgrade



Client:
Unilever

Location:
North Rocks
NSW

The Project

Unilever had a personal care product with highly successful sales which required an increase in production. This production increase required modification to fillers and cartoners, plus a modification to an existing palletising line so that Unilever could run both the original and also this new product.

Australis was asked to modify the existing robotic palletiser in such a way that both the existing product and the new product could be run on the same palletising system

Australis Engineering provided the following outcomes:

- Designed, manufactured and installed a new collation conveyor with carton turning device.
- Utilised some existing transfer system into the new design so as to save some money for the client
- Reprogrammed the robot palletiser to run both the existing programs, plus the new programs for the new products
- This included a new 'Lock and Pop' glue application system

Industrial Automation | Robotic Programming | Slat Conveyor



The Result

Utilising our Industrial Automation and Materials Handling expertise, Australis provided a one-stop solution that enables Unilever to run a variety of products on the same robotic palletising line which increases the plant's versatility and efficiency. Our solution included:

- Re-use of existing equipment to reduce the Client's investment costs
- Designing and fabricating new equipment that can be placed into the same footprint of old equipment and incorporate the existing equipment into the new system

A key element of the Australis Engineering solution has been the design, reprogramming, manufacture and installation of an adaptable palletising system.

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