

Wire Mesh Conveyor for Chicken Fillets



The Project

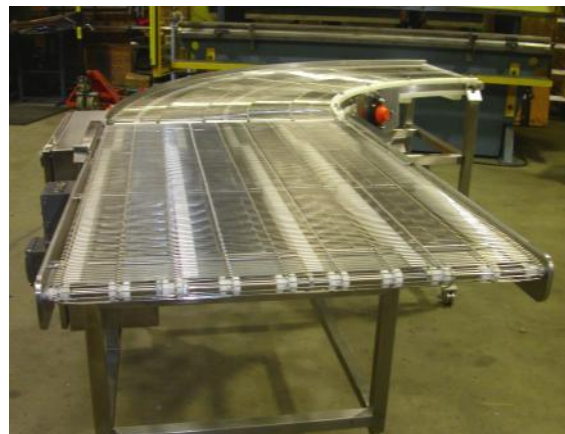
FMC Food Tec had purchased a wire mesh curve module conveyor from overseas, they wished to have this wire mesh curve installed in a frame, along with an additional straight section with a lift up access gate. The conveyor needed to be mounted to rails on the ground so that it could be easily rolled out of the machine for cleaning and maintenance.

The new conveyor and the existing curve needed to be timed together and a customer supplied electrical panel fitted to the frame.

Wire mesh conveyor

Food Grade Stainless

Wash-down friendly



The Result

Australis provided a custom conveyor solution that was extremely compact, to fit in the very small available space. The design was very clean in fitting with the wash-down requirements of the job. Australis provided FMC with the following outcomes:

- Designed and manufactured an extremely compact wire mesh conveyor, incorporating a lift up gate for operator access,
- Designed and manufactured a stainless steel frame support structure that allowed the conveyor to be rolled in and out of the machine for maintenance and cleaning, and
- Fitted a stainless steel control enclosure rated for the wash-down.

Innovation

A key element of the Australis Engineering solution has been the compact design of the drive portion of the wire mesh conveyor, this allowed the minimum length of the conveyor to be very small, in fitting with the available space in the customers plant.

*Client:
FMC Food Tec*

*Location:
Sydney, NSW,
Australia*

*Wire Mesh
Conveyor*

Food Grade

Wash-down

Stainless Steel

*Wash-down control
panel*

*Operator access
gate*

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