

FASTTRACK

ENGINEERING

Engineers that think beyond the square!

Fast Track Engineering Pty Ltd is driven by an experienced and enthusiastic team who has been collectively involved in the manufacture and design of machinery in the confectionary industry for several decades. Fast Track Engineering specialise in the manufacturing of equipment to improve end-users production technique, quality of product, texture and taste.

The equipment which Fast Track Engineering specialise in is used in the following areas:

Custom-designed Fluidised bed Starch Conditioning Systems ranging from a capacity throughput of 8,000 kilos per hour to machines which have a throughput 18,000 kilos per hour.

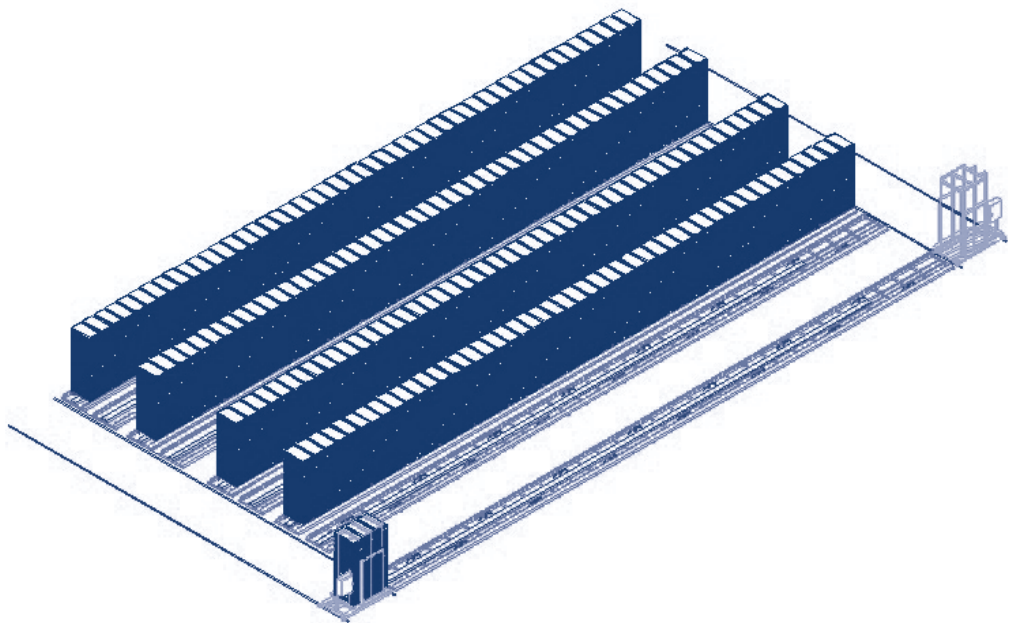
Custom-designed Dust Collectors with envelope type filter elements ranging from individual units of 20 square meters filter area to units of 180 square meters filter area.

Custom-designed Starch Storage Balance Hopper with built-in dust collector suitable for balancing starch flow in the tray feeding hopper inside the mogul.

Starch transport conveyors and rotary valves.

Custom-designed fully integrated Pallet Transport Systems to transport stacks of trays filled with starch and candy from the production machine to the storage room and return to the production machine.

Custom-designed fully computer-controlled Pallet Transport, Product Drying System utilising a unique balanced airflow throughout the tunnels delivering equal amount of air to each tray. The operator has total control of pallet movement through the system including feedback of storing process parameters and assessing a larger variety of static and dynamic information.



Fast Track fully integrated Pallet Transport System

- Custom-designed Pallet Transport System for individual requirements.
- Safe transportation of pallets and product within the trays during the curing process.
- Allows higher production output during the normal production process.
- Higher and safer stack transportation from the stacking process to the de-stacking process.



Fluidised Starch Conditioning Systems

- Highly efficient in moisture removal.
- Aeration of starch during the drying and cooling process.
- Energy-saving.
- Compact in design.
- Provision of uniform texture and quality during moulding and curing process.



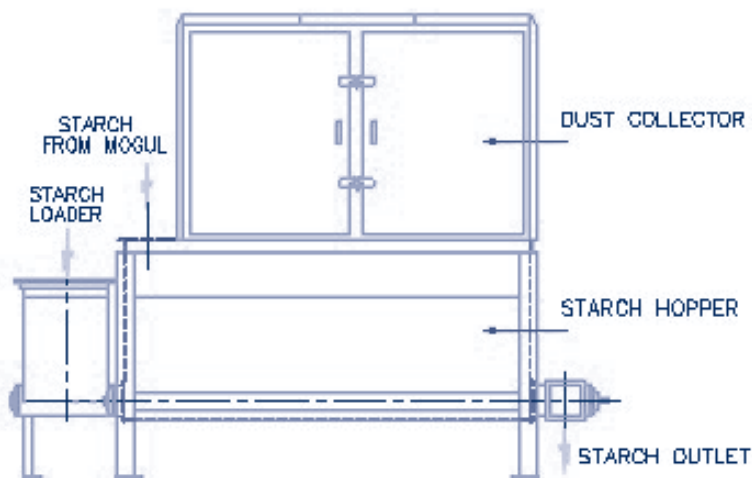
Fluidised Starch Conditioning Systems

- System provides customer requirements from low throughput to machines with maximum throughput.
- Provision of customised engineering advice for individual client needs.



Custom Designed Dust Collectors

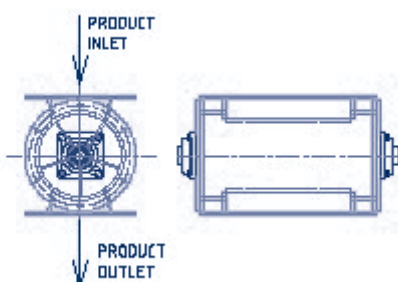
- Custom-designed Dust Collectors ideal for variety of different applications.
- All Dust Collectors are designed with explosion relief panels to international standard requirements.



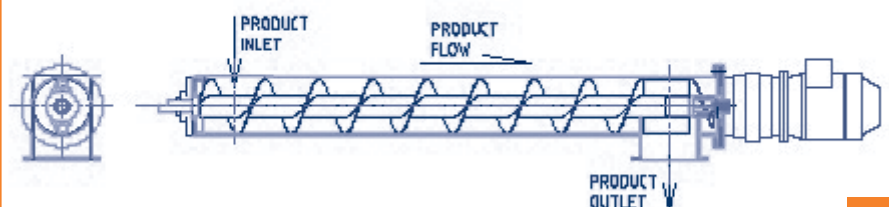
Custom Designed Dust Collector with built-in Starch Balancing Hopper

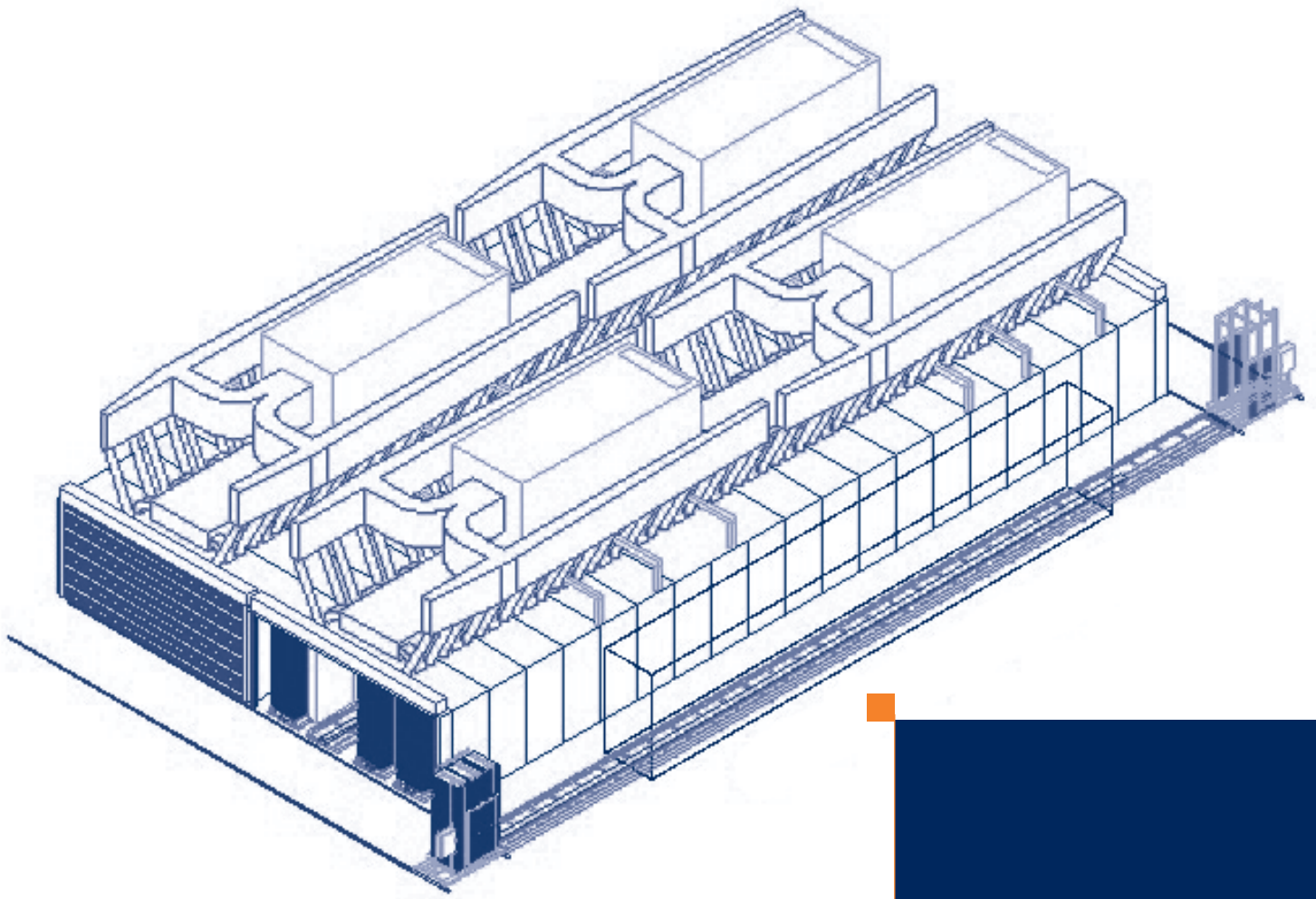
- Built-in level and weight control.

Rotary Valve



Screw Conveyor for Transportation of Starch & Granulated Products





Pallet Transportation Production & Drying System

Fast Track Engineering Pallet Transport & Product Drying System utilises a variety of proven means of controlled balanced airflow and moisture control through refrigeration or introduction of outside air. Each parameter is automatically selected by systems controls giving substantial energy savings.

Fast Track Engineering Pallet Transport & Product Drying System incorporates a closed loop track system designed to transport stacks of trays filled with starch and products into a tunnel with controlled air temperature, air humidity and curing time.

Utilising a balanced air-flow throughout the tunnel, delivering equal airflow to each tray and product.

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