

vibratory pan feederveyor™



The Cox and Plant Pan Feederveyor™ is designed to meter, align, orient and spread evenly to ensure maximum throughput and prevent starvation of product. The product is conveyed gently but in a controlled fashion to adjust to the precise throughput required by the system and cascade down the line.

- The Cox and Plant Pan Feederveyor™ is as with all of our range of conveyors extremely reliable, with almost minimal maintenance costs throughout its 25 year anticipated life cycle.
- The Cox and Plant Pan Feederveyor™ can be installed as a stand-alone unit to integrated within an existing line or can be purchased to form a complete distribution system.
- The Cox and Plant Pan Feederveyor™ is an extremely efficient machine and draws only the power required for the throughput specified, its energy requirement is often 45% less than our competitors.
- The Cox and Plant Pan Feederveyor™ is a quiet machines with a DBA reading below 58 dbA (without product).

Application

Any product which utilises the need for a regulated flow control i.e. bulk hoppers feeding a packing or re-pack line; dryers, freezing tunnels, fryers, breading machines, enrobbers blanchers, ovens and grilling units.

DESIGN

- A solid design that removes uneven distribution patterns.
- The Switch6System™ recalibrates every six seconds in time with the line rate to maintain a free-flowing constant feed at the designated rate.
- We have the ability to offer a wide array of designs to suit almost any application and product.
- Industry proven since 1973, in years of strenuous demanding processing service.

OPTIONS

The Cox and Plant Pan Feederveyor™ can include a buffer hopper to ensure that the line is never starved of product.

PEC units can be built-in, for total control of the distribution system.

The Cox and Plant Pan Feederveyor™ can be floor-mounted, on a support stand or suspended from ceiling or mezzanine floor by adjustable support ropes.

Gates - manual or pneumatic can be incorporated.

Infeed and discharges - bias, flared or spreader.

Quick Released Clamp™ Screens can be included for almost any screening application i.e. de-watering to grading.

Can be made mobile by the use of our braked wheeled castors, allowing the facility to utilise the unit in other parts of the line when required.

TECHNICAL SPECIFICATION

The Cox and Plant Pan Feederveyor™ is manufactured from all stainless steel and supplied with a bead blast finish, facilitating lifetime free maintenance.

As with all Cox & Plant equipment, there is a minimal spares catalogue required.

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