

## vibratory incline conveyor



The Cox and Plant Incline Conveyor is designed to transport product from one area to another where there is a difference in floor level.  
The Cox and Plant Incline Conveyor is ideal where only a slight incline is required, rather than a dramatic step up, where a bucket or other elevator is more suitable.  
The Cox and Plant Incline Conveyor anti-vibration mounts absorb over 99% of vibration.  
The Cox and Plant Incline Conveyor is a quiet machine with a DBA reading below 58 dbA (without product).

- The Cox & Plant Incline Conveyor is designed to feed and prevent starvation of a multihead weigher.
- The Cox & Plant Incline Conveyor can be supplied as a single unit or as part of a distribution system either gated or non-gated.
- The Cox & Plant Incline Conveyor can be supplied with fines screen to ensure one final debris removal prior to packaging.
- The Cox & Plant Incline Conveyor has a built in 'Swich6System'<sup>TM</sup> which ensures the conveyor runs in time with the multihead re-calibrating every 6 seconds to maintain a free-flowing constant feed.

### **Application**

**Any production line which requires a mild incline up to 10 degrees.**

## **DESIGN**

- The Cox & Plant Incline Conveyor is a solid design which removes uneven distribution patterns.
- The Cox & Plant Incline Conveyor can be supplied with a single multihead weigher or as part of a large distribution system.
- The Cox & Plant Incline Conveyor is the final elimination stage prior to bagging ensures the removal of fines and ice particles.
- The Cox & Plant Incline Conveyor can be supplied with various discharges including, conical, straight or scarfed.

## **OPTIONS**

The Cox and Plant Incline Conveyor 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 Incline Conveyor can be floor-mounted, on a support stand

## **TECHNICAL SPECIFICATION**

The Cox and Incline Conveyor is manufactured from all stainless steel and supplied with a bead blast finish, facilitating lifetime free maintenance.

Supports can be provided in stainless steel

The DTI award winning electro magnetic CP 2000™ system is a market leader, in its quiet operation, exceeding all E.M.C. regulations and being virtually maintenance free.

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