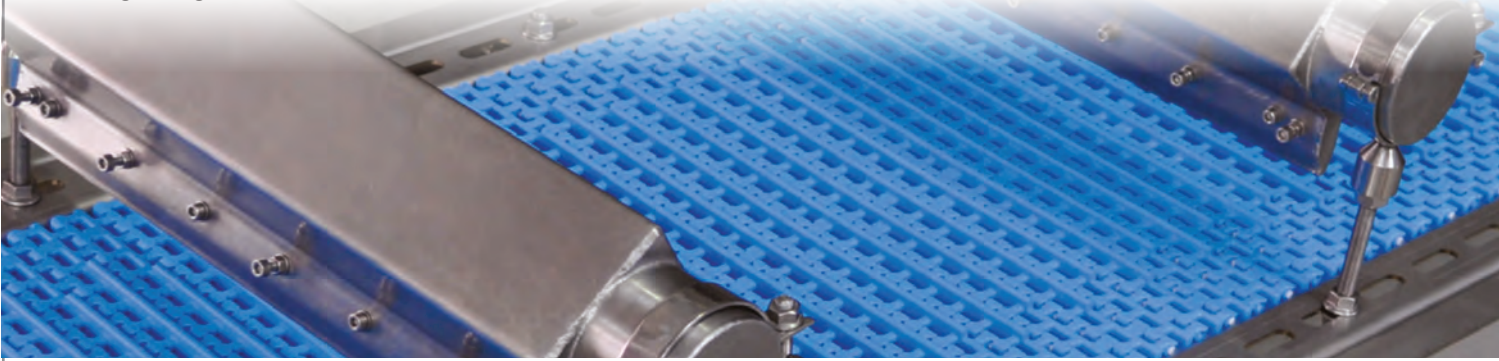


Turnkey Conveyor Systems

Integrating ACI's Air Knife Solutions



To compliment the range of Systems Solutions for product surface drying and cooling applications, ACI design and manufacture customised conveyors to transport product through the process. Air knife solutions with integrated conveyors are both compact and robust products which are reliable, easy to install, operate and maintain.

ACI's range of conveyors offered are predominantly straight, incorporating a box section baseframe and are suitable for use in most industrial and hygienesensitive environments common to the food and pharmaceutical industries. They are designed to ensure efficient operation and can be readily fitted with a range of different belt designs to suit exact customer needs.

Typically they feature an open construction with the belt being supported on polyethylene wear strips bolted onto the framework. PTFE strip or stainless steel rod supports are also available depending on application requirements.

Standard drive motors and controllers are supplied with IP65 enclosure protection and OS surface protection (drive motor only) to ensure suitability for intensive wash down processes. If required, customer specified drive systems can be fitted to suit each individual application.

Please note - all conveyors come complete with emergency stop buttons

Standard options include:

- Choice of belt materials including stainless steel or polymer
- Belt speeds up to 0.5m/sec
- Belt widths up to 1.5m wide, and 5m long
- Open and enclosed conveyors
- Extraction units
- Mild steel or stainless steel 304 frameworks
- Drip trays
- Pivoting infeed or discharge sections
- Guarding under and/or over conveyor
- Swivel lockable castors
- Alternative drive units
- Inclining / declining layout
- Flights profiles for product support





Turnkey Conveyor Systems

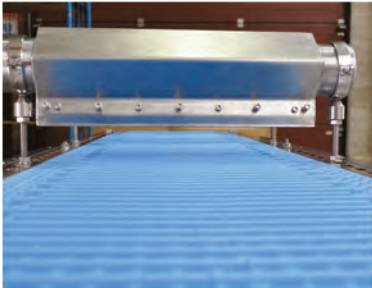
Integrating ACI's Air Knife Solutions

Integrated Conveyor / Air Knife Systems Options:



Air Knives:

- A range of lengths, configurations and materials including anodised aluminium or stainless steel 304
- Can be fitted above and below conveyor belt to suit drying requirements



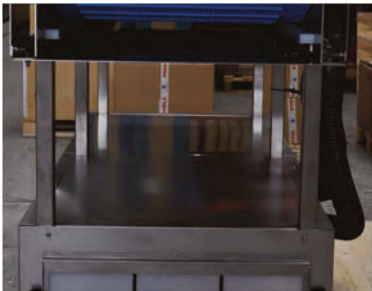
Belts:

- A range of open belts available, including stainless steel wire and plastic mesh designs
- Can have features incorporated such as flights which help locate or help push the product through



Drives:

- Geared motor drives linked to inverters for speed control



Framework:

- Conveyors can be manufactured in stainless steel or painted mild steel
- Longer conveyor lengths can be manufactured in a modular form allowing them to be split for transportation



Controls:

- Inverter motor speed controllers
- Adjustable ramped acceleration & deceleration
- Simple fault finding codes
- Easy to install and program
- 220V, 110V Single Phase or 3 Phase 220V and 400V



Further options:

- Blowers can be sited remotely or housed within the conveyor baseframe where overall dimensions allow
- Conveyors can be mounted on adjustable height mounting feet or robust castors



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