

CONVEYOR ANCILLARIES



CONTROL SYSTEMS

Conveyor Control Systems, from simple stop/start, forward/reverse to fully integrated automation control systems.



WEIGH SCALE CONVEYORS

For precise product quantity control all conveyors can be designed to incorporate Weigh Scales.



TUNNEL METAL DETECTOR CONVEYORS

Particle detection as small as 0.5mm both ferrous and non-ferrous. Auto conveyors stop on contamination detection with siren and beacon alert.



COOLING CONVEYORS

Offer a highly effective solution for product cooling control through 22% open mesh belt.

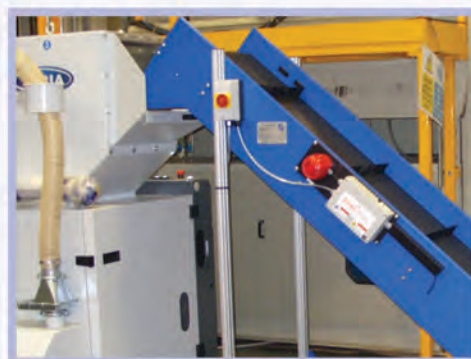


PLATE METAL DETECTOR CONVEYORS

Designed to suit customer application requirements. A cost effective solution to particle detection, both ferrous and non-ferrous.

CONTACT US

We would be delighted to hear from you for your conveyor system requirements and help you choose the best solutions available.

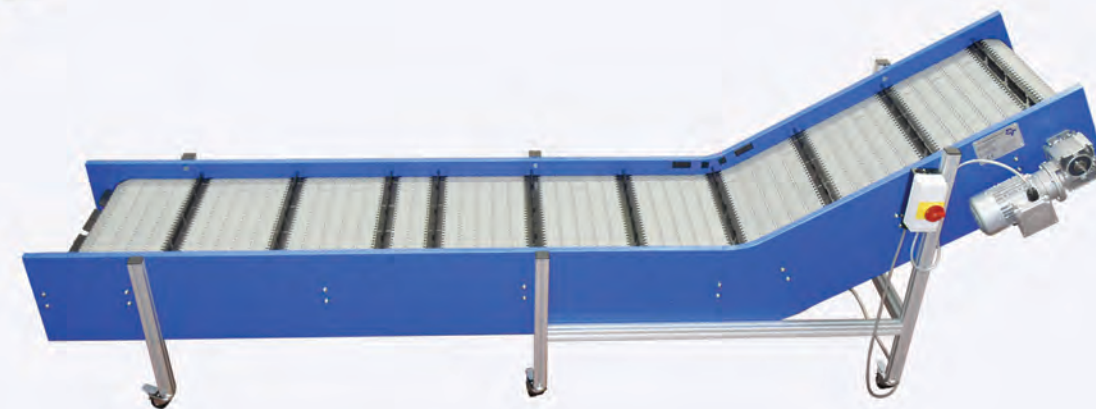
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ST MACHINERY

Innovative Low Friction Conveyor Systems



15 YEARS ESTABLISHED IN DESIGNING & MANUFACTURING
BESPOKE CONVEYOR SYSTEMS FOR THE PLASTICS, PACKAGING,
AUTOMOTIVE, AND OTHER INDUSTRIES WORLDWIDE.



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ADJUSTABLE CONVEYORS

The ST range of plastic conveyors are truly flexible.

- > A modular linked belt system runs in a groove machined in the conveyor side frames. This design feature keeps the belt under control and prevents side to side movement, a potential problem with conventional conveyors.
- > Horizontal and inclined lengths are infinitely variable, as is the belt width.
- > All conveyors are manufactured from low friction polyethylene, whilst the modular belt can be supplied in a range of plastic materials and colours.
- > Flight bands can also be offered in a range of types and sizes according to requirements.
- > All materials used on sideframe and belt are FDA approved

KEY POINTS

| | | |
|--------------------------|--|----------------------------|
| Easily adjustable | Variable speed (optional) | Metal detectors (optional) |
| No tooling required | Modular Link Belting | Separators (optional) |
| Choice of Colours | Infinitely adjustable width and length | Cooling Fans (optional) |
| Single or 3-phase motors | Quick change belting system | |



The easy change belt system makes the conveyor extremely versatile and removing the belt is simple. By extracting a single pin, the belt can be completely removed from the conveyor framework which allows links to be taken out to compensate for belt stretch. If necessary damaged links can be replaced or flight bands can be added or removed (as shown).

CONVEYOR BELT TYPES

ST Conveyors are offered with a wide variety of Plastic Modular Link Belt. Differing belt styles are available in various materials, textures and colours to suit application needs. To complement the belt we also offer a large range of product supports to ensure controlled product conveying.

Standard belt materials available are Polypropylene, Nylon PA6 (high temp), Polyethylene and Acetal.

Please feel free to contact us to discuss the choice of belt solutions available for your application.

CONVEYOR TYPES

- > Horizontal Conveyors
- > Incline Conveyors
- > Horizontal Incline Conveyors
- > Swan Neck Conveyors
- > Curved Conveyors



"DELIVERED ON TIME AND WITHIN BUDGET, THEY HAVE GIVEN US TROUBLE FREE RUNNING ON TWO SHIFTS 5 DAYS A WEEK FOR THE LAST 18 MONTHS."

Speedpac Ltd - Twin Lane Control Conveyors



CONVEYOR PRODUCT HANDLING

ST offer a selection of Product Handling equipment tailor designed to integrate with any ST Conveyor or other conveyor for control of your product sorting and separating requirements.



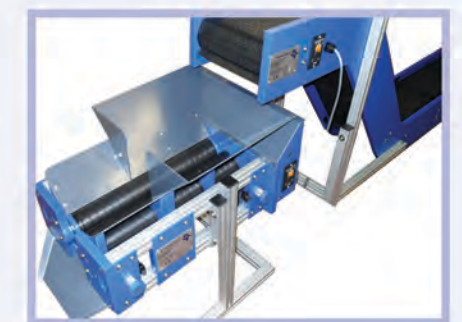
ROTARY BOX FILLER

Rotary Box Fillers are the ideal solution for product distribution into multiple boxes. Up to 10 box positions can be programmed with easy set up control.



PADDLE SEPARATOR

Ideal solution for large component part from sprue separation into individual boxes. Available as stand-alone units or integral with conveyors to meet process requirements.



ROLLER SEPARATOR

Newly developed Roller Separators are the ideal solution for separating component parts from sprues into separate boxes.