



ST Machinery Sales Limited

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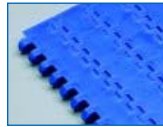
WELCOMES YOU TO THE WORLD OF

PLASTIC CONVEYOR SYSTEMS

> BELTS

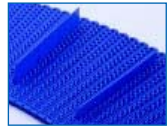
There are 3 main types of belt each of which can be fitted with plastic or stainless steel pins and a range of product supports between 25mm and 76mm. All conveyors are manufactured from low friction polyethylene, whilst the modular belt can be supplied in a range of plastic materials and colours.

The belts are:



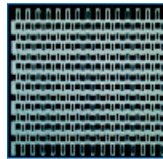
> ONE INCH PITCH

A straight running one inch pitch closed top modular belt and is available in widths from 76mm in increments of 76mm. It can be fitted with plastic or stainless steel pins, 25mm and 50mm product supports. Standard materials are acetal, polypropylene and polyethylene.



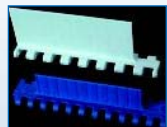
> SIDEFLEXING

A one inch pitch sideflexing modular belt with a turning inside radius of 1.7 x belt width and is available in widths from 76mm in increments of 76mm. It can be fitted with plastic or stainless steel pins, wear parts, tabs, rubber inserts and 25mm product supports. Standard materials are acetal, polypropylene and polyethylene.



> 3/4 INCH PITCH

A straight running 3/4 inch modular belt available with closed or open area up to 22%, widths start from 76mm in increments of 76mm. It can be fitted with plastic or stainless steel pins, 25mm, or and 76mm product supports. Standard materials are acetal, polypropylene and polyethylene, polyamide can be used for high temperature applications.



> FLIGHT BANDS

Flight Bands can be supplied in 25, 51 and 76mm heights, as standard.



• 45 degree Swan Neck Conveyor with adjustable legs



• 45 degree Conveyor with Paddle Separator



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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.

Key Points

- Easily adjustable
- No tooling required
- Choice of Colours
- Single or 3-phase motors
- Variable speed (optional)
- Modular Link Belting
- Infinitely adjustable width and length
- Quick change belting system
- Metal detectors (optional)
- Separators (optional) as shown
- Cooling Fans (optional)
- All materials used on sideframe and belt are FDA approved.

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> 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 if required (as shown).



• 45 degree Swan Neck Conveyor with Indexing Control

• Adjustable Conveyor



• Green fixed angled swan neck side flexing Conveyor, with flight bands.