

## Hygienic Conveyors

Smalte's comprehensive range of hygienic conveyors features stainless steel construction and special clean design for easy wash-down.

These conveyors are most appropriate for dairy & food manufacture, as well as pharmaceutical, cosmetics and chemical industry applications.

The modular stainless steel components combine to create the same innovative solutions as the more common (aluminium) systems, including accumulation and elevation systems.

Clean lines, combined with high resistance to aggressive chemicals & wash-down, make this design important for dairy and other wet food environments.



### Special features include:

- 304 stainless steel construction
- Drain holes for wash-down
- Available in a range of conveyor widths.
- Fast delivery, through modular assembly, without welding
- Enhanced motor protection
- Range of specialist solutions including elevation and rinsing

## Conveyor Solutions

Smalte's conveyors are created from a broad range of high quality components. They may be supplied as turn-key solutions or can easily be assembled in customer workshops, using simple hand tools. Technical assistance, drawings & assembly training are also available, to ensure successful implementation.

## Maintenance & spare parts

Smalte componentry is also often used for the maintenance and reconfiguration of other proprietary modular conveyor systems. These hard-wearing spare parts are manufactured from the highest quality materials and are integrated seamlessly into those systems.

Smalte has the reputation for fast and efficient deliveries at competitive pricing, making it a popular choice for maintenance staff.



### Feature

Modular Design  
Standardised, high quality components  
Large range of hardware  
Range of elevation solutions  
Stainless Steel solutions  
Flexible, attentive and experienced team  
AFFORDABLE!

### Benefit

Quick delivery & installation, faster returns on investment  
Reliable, proven solutions  
Solutions for many products & industries  
Efficient accumulation, material flow and use of factory space  
Available for wash-down environments  
Get the solution you need.  
No need to compromise on quality!



# Innovative Conveying Systems

for Food, Packaging and Manufacturing



### smalte conveying solutions pty ltd

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Our team combines extensive experience in design & manufacture of conveyors, with premium quality equipment.



## Elevation Systems

Smalte specialises in the supply of innovative elevation systems. From bottles and cans, to cartons and auto parts, we can help with high-speed elevation of your products. These systems are simple, reliable and provide continuous product flow.

### Side-gripper:

For elevating & lowering products.

Also used for bottle/can inversion (for air-rinsing) and to create cross-over walkways in long production lines.



## Special Applications

### Plastic Bottles

**Conveyors for the blow-moulding and bottle handling industries:**

Extensive experience in plastic bottle manufacturing, for conveying, elevating & accumulation systems.

Compact disc bends, combined with tight chain/beam profile, provide flexible & reliable handling of a range of difficult products.

Reliable inverting and air rinsing of bottles & cans

## Company Overview

Smalte Conveying Solutions Pty Ltd specialises in the supply of conveyors, elevators and other automation solutions. These may be delivered as turn-key systems, assembled equipment, or simply as conveyor componentry for assembly & integration by others.

Smalte services a range of manufacturing industries, including

- packaged foods
- plastic bottles, cans
- dairy products
- pharmaceutical, personal products and chemicals
- tissue paper products
- automotive parts

We are cooperative & highly responsive, and pride ourselves on offering exceptional but cost effective solutions

### Our mission:

*"deliver quality materials handling solutions with a continual focus on achieving the best tangible benefits for our clients"*



## Special solutions for bottles and cans

- Elevators
- Special in-line transfers for high speed & unstable products
- Raise/lower mechanisms to match blow-moulder outfeeds
- Stoppers, diverts, merging, bottle rotation
- Precision handling of pre-forms
- Accumulation systems
- Top covers
- Inverters / Air rinsers



## Modular Slat Chains

Range of widths 45 - 300mm  
Aluminium construction (as standard)  
Stainless Steel construction (hygienic applications)

## Belt Conveyors

PVC/Poly Belts, Plastic Modular belts  
Aluminium, Stainless, Mild steel construction  
Straight/goose-neck/side-flexing configuration



### Cleated elevators:

Innovative but simple, these systems feature pushers mounted to the conveyor chain.

Specialised roller cleats are most common, providing simple and reliable elevation.

**Friction top:** Simple & continuous

**Alpine:** Space-saving  
Utilises disc bends for low friction

**Spiral:** Space saving - tight foot-print  
Large radius, continuous product flow



## Pallet systems

Smalte's customised solutions include automatic pallet/puck handling systems. These automated systems provide gentle, controlled handling of complex, irregular &/or fragile items.

Accordingly, products can be accumulated, indexed and accurately positioned into automated processes, such as machining & assembly lines, and for robot pickup & placement.

## Tissue Paper

This modular system is well suited to transport, accumulation & elevation of tissue products, including cores, rolls, packs, bundles, diapers and sanitary products.