



**AUSTRALIS**  
ENGINEERING

Smart thinking  
in motion

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**Conveyor  
systems**

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# Conveyor systems

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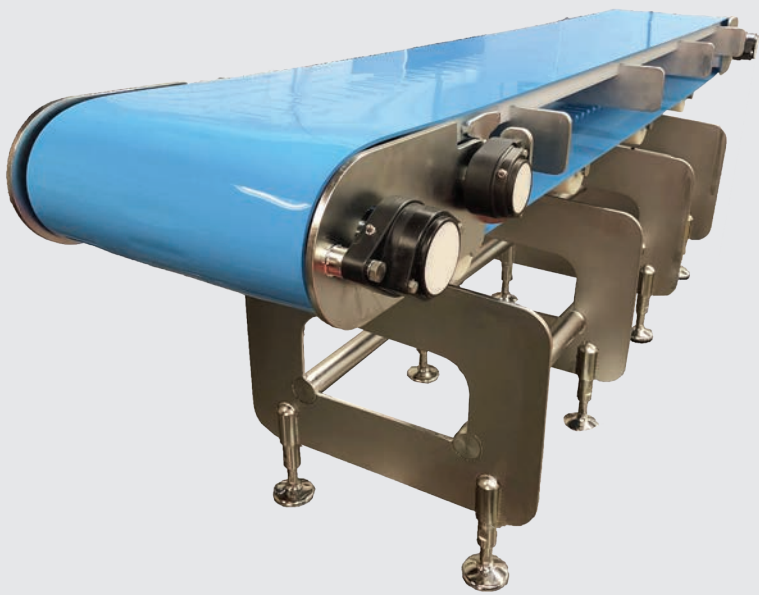
Smart conveyors for food, beverage, medtech, pharma, electronics, pallet handling, packaging, industrial and warehousing applications."

Established in 1983, Australis Engineering are multi-faceted manufacturers and integrators of materials handling equipment and industrial automation, with local conveyor manufacture a core capability.

Smart thinking drives our conveyor expertise, to deliver customised, innovative conveyor systems that solve specific client challenges such as deploying new products, improving productivity, improving safety or reducing operating costs.



ISO 9001:2015 CERT NO.:702964



# Hygenius™

## The ultra clean conveyor

**Hygienic conveyors for meat, seafood, poultry, dairy, bakery, fruit and vegetables**

Clean, safe and hygienic products shouldn't just be the result of procedures and processes, but should start with the smart design of the equipment itself. The smart Hygenius™ conveyor design minimises surfaces, removes hidden and hard to reach crevices and utilises European Hygienic Engineering Design Group (EHEDG) approved design principles and components to reduce bacterial contamination risks to your fresh food products.

### Key features of Hygenius:

- Fast and easy to clean - saves time and money
- Wash-down ready
- Safe design to protect workers
- Certified, hygienic components including belts and motors



### EHEDG Member

Australis has been an EHEDG member since 2018.

It takes less than 2 minutes to disassemble and reassemble a standard Hygenius conveyor for cleaning.”



**AUSTRALIS  
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# Belt conveyors

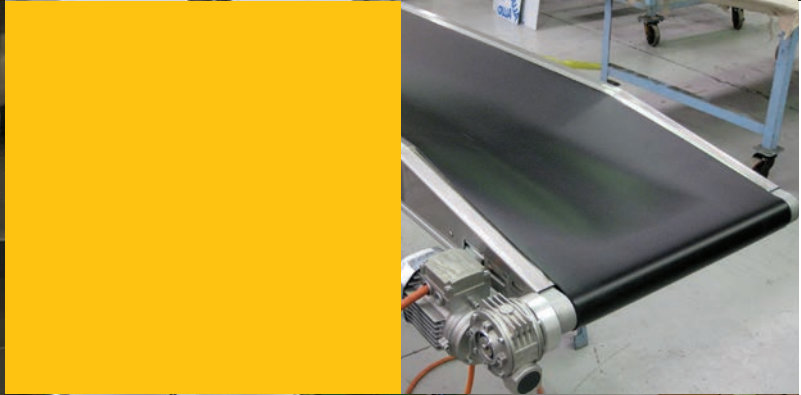
Smart standard and smarter custom designed conveyors



▲ Standard belt conveyor



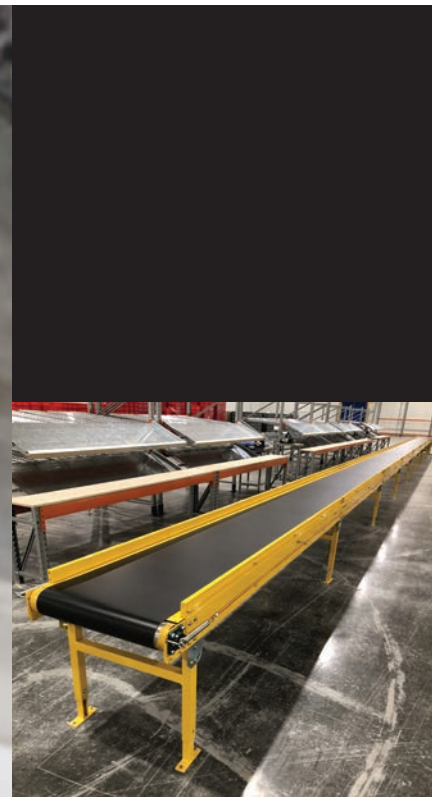
▼ Modular belt conveyor



Australis offers a large range of fabric, rubber, PVC and modular plastic belt conveyors to suit many applications across a wide range of industries. With thousands of our belt conveyors in the field, our belt conveyors are proven as suitable for fresh and packaged foods, beverages, warehousing, dispatch, sorting, pharmaceutical, medtech, packaging, general manufacturing and industrial applications.



▲ Food grade modular belt conveyor



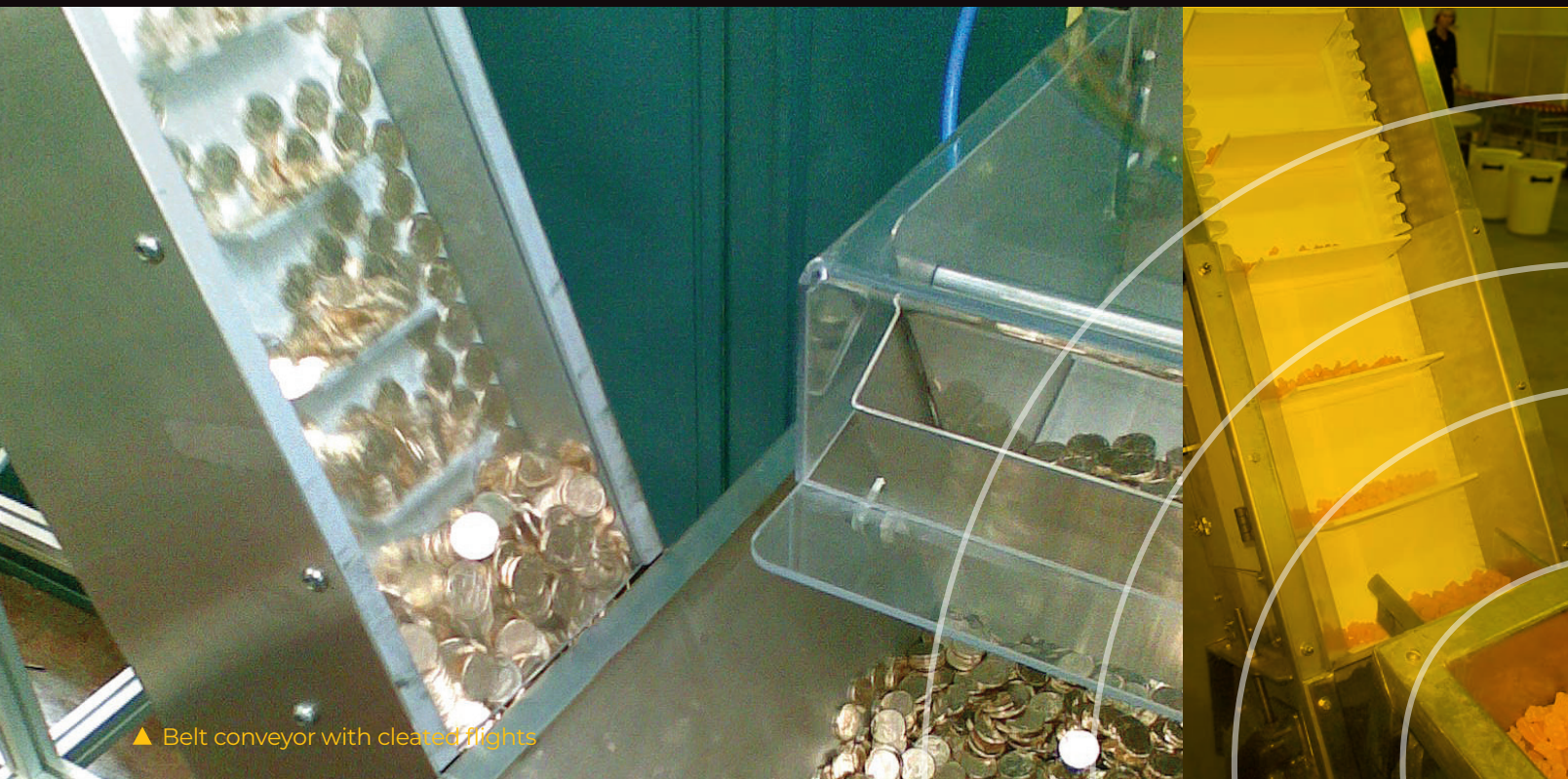
#### Our belt conveyors can be optioned with:

- Multiple belt types including Fabric, Rubber, PVC, Cleated, Troughed or Plastic Modular Belts
- 'Smart' belts for active transfers, diverts and product re-orientation
- Painted or galvanised mild steel, stainless steel or aluminium profile bodies
- Variable speed and energy efficient drives
- Multiple guide rail options including EZY-CHANGE™ automated guide rails
- Wash-down, Food-grade or TGA standards
- Belt conveyor modules include End-mount, Centre-mount or Nose-roller drives
- A wide range of Modular Belt widths are available
- Multiple Modular Belt pitches available

# Incline and decline conveyors

## Fully customised and locally made

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▲ Belt conveyor with cleated flights

### Suitable for light and medium weight products

Australis locally manufacture customised incline and decline conveyors that are suitable for cartons, packaged goods, loose or bulk snack foods, confectionary, fruit and vegetables, grains and legumes, plastics, metal parts or waste materials. Our conveyors are designed primarily for light and medium duty applications. Utilising our smart design philosophy, Australis can manufacture a range of incline or decline conveyor types including:

- Fabric, PVC and rubber belt conveyors
- Cleated and wavy wall belt conveyors
- Modular belt conveyors
- Cleated modular belt conveyors

Our incline and decline conveyors are available with mild steel, stainless steel and aluminium bodies. Our conveyors can be designed to meet wash-down, cool-room, food-grade and TGA operating environments.



▼ Decline belt conveyor



▼ Incline belt conveyor



▲ Wavy wall and cleated belt conveyor





# Pallet conveyors

## Roller and chain conveyors

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Our Medium and Heavy-duty roller and chain conveyors are suitable for Pallets, IBC's and many other applications."



## Medium and Heavy Duty Roller and Chain Conveyors

Australis offer a range of medium and heavy-duty pallet conveyors that are ideally suited for conveying pallets, ICB's or other large, bulky products.

**Roller Conveyors** are ideal for conveying several different pallet widths as the rollers easily support any size pallet. Smart thinking means our roller conveyors are powered with a sprocket drive for added reliability and longevity. They are extremely robust and widely used for any pallet handling application including both full and empty pallets.

**Chain Conveyors** allow pallets to be conveyed in any orientation. This means that loading and unloading by forklift is easy, as the pallet base-boards can be orientated in parallel or perpendicular to the direction of travel. Smart thinking allows you to better fit the conveyor system to the available floor space due to this greater flexibility in the orientation of the pallets. Chain conveyors are also effective for handling ICB's.

### Roller and Chain Conveyor options and specifications:

- Suit 1165mm pallets, Euro pallets and other sizes
- Roller loads: 1,000kg Medium; 1,800kg Heavy
- Chain loads: 1,200kg Medium; 2,000kg Heavy
- Standard module length: 3.0m. Half module 1.5m. Modules can be joined
- 2 pallets per 3.0m module or 1 pallet per 1.5m module
- Double-chain (medium) or Triple-chain (heavy) conveyors
- Painted, galvanised or stainless steel bodies
- Pallet turntables, Transfers, End stops and Pallet squaring stations
- Options available for different leg-sets and guide rails



▲ Roller conveyor for pallets

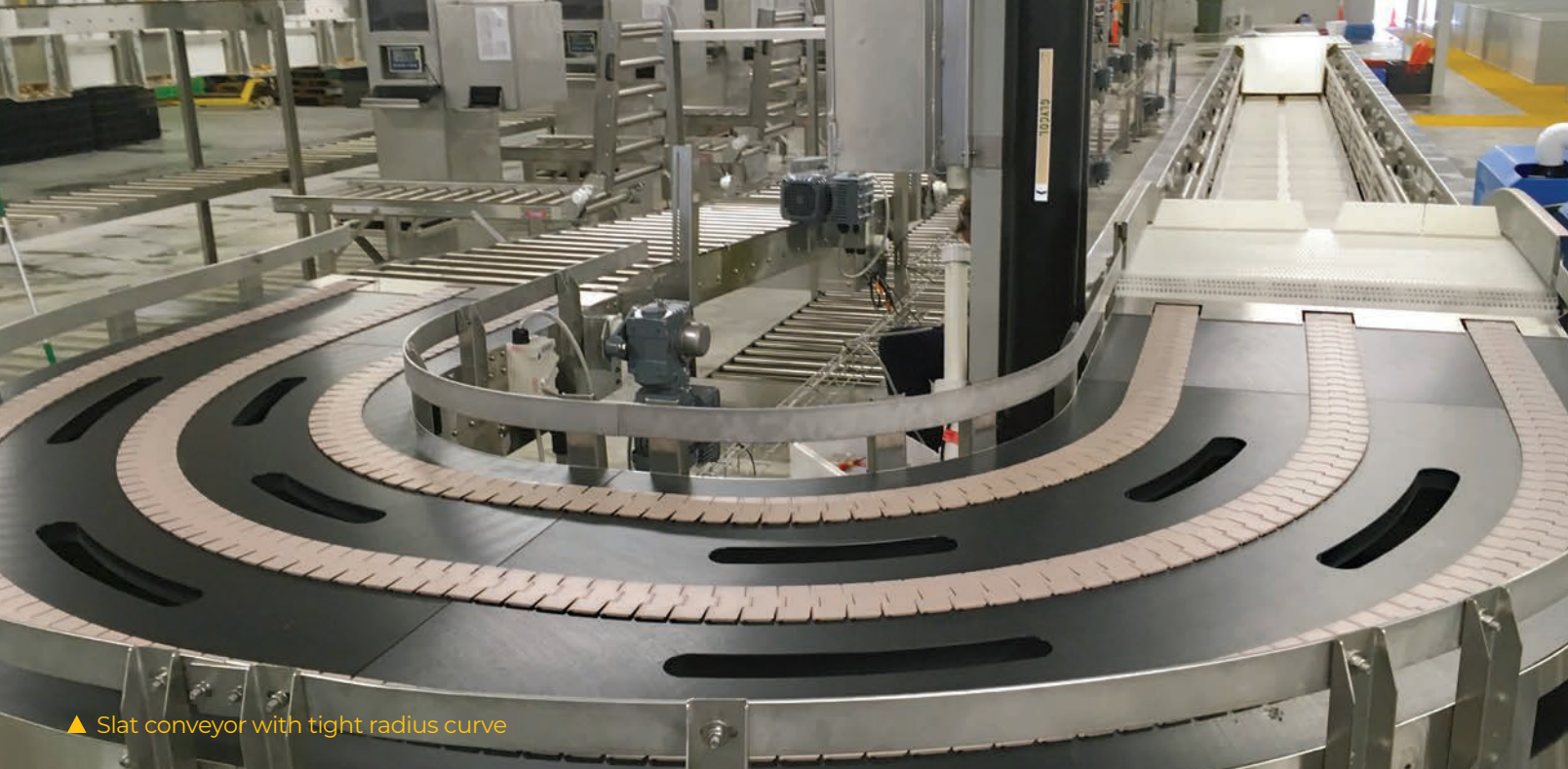
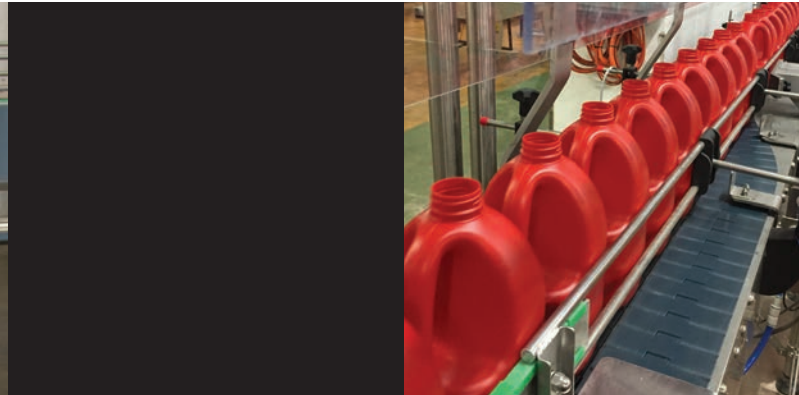


▲ IBC chain conveyor



# Slat conveyors

Australian made using smart thinking



LowPro conveyors are used by some of Australia's best known beverage manufacturers."

▼ Slat conveyor with laning



Australis' slat conveyor system is designed in-house and is used by some of Australia's major soft drink, dairy, juice, brewing and winery producers because its proven and reliable. Our slat conveyors are locally manufactured to suit light, medium and heavy-duty applications in stainless or aluminium body modules and are suitable for products including cans, bottles, boxes and crates.

Our slat conveyors showcase our smart thinking, coming in standard modules that are easily configurable and can be used in applications from conveying, product transfers, single filling, laydowns and full turnkey solutions incorporating packing, labelling and onto palletising. This smart design is also modular and easily reorganised as your business grows or to meet new production

layouts or requirements.

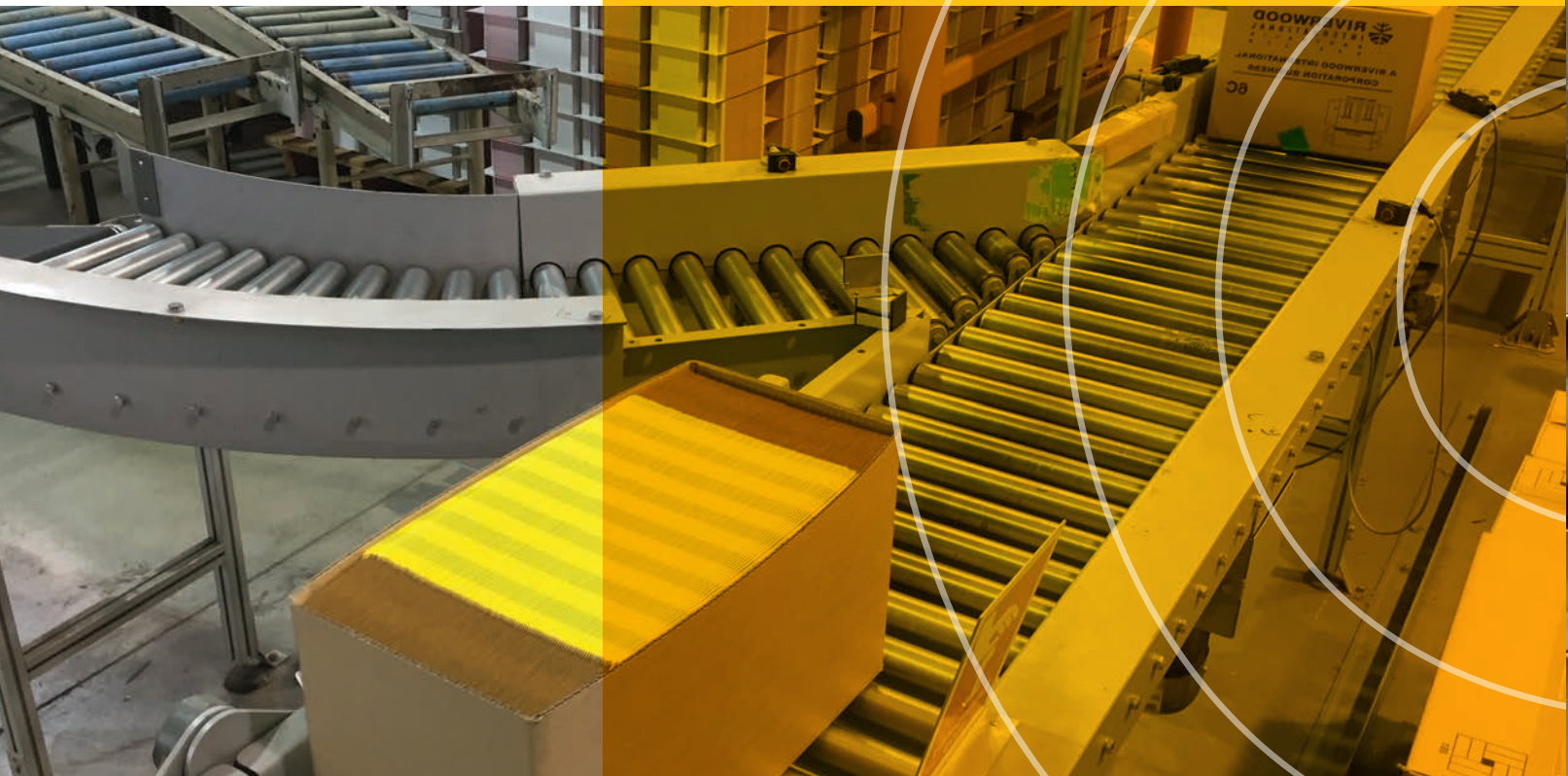
Being modular, numerous layout options are possible. Our slat conveyors use many brands of slat chain to keep investment costs manageable.

#### Slat Conveyor options:

- Modules include: Straight, Curve, Transfer, Cross-over, Diverter, Elevator, Lowerator, Single Filer, Laydown, Alpine and Spiral
- 3.25", 4.5", 6", 7.5", 9", 10" and 16" chains
- Australis' own LowPro™ low profile slat conveyors
- Standard and tight radius chains and curves
- Plastic or stainless chain options
- Washdown and clean room environments
- Heavy duty slat conveyors also available

# Roller conveyors

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|| Our roller conveyor options include:

- Gravity rollers
- Powered Sprocket Driven
- Powered Tangential Chain Driven
- Powered Line Shaft"



▲ Line shaft roller conveyor

▼ Stainless steel, gravity roller conveyors



Roller Conveyors are a versatile and economical way to move cartons, parcels & packages, crates, totes, pallets, trays and many other products around a production area or warehouse. Their modular design allows for easy configuration and fabrication of a customised system to suit your budget and floorspace. Roller conveyors are highly modular and are available with a number of options including:

- Mild steel, stainless steel or aluminium bodies
- Steel or engineered plastic rollers
- Straights, curves and transfers
- Guide rail systems

▼ Declining spiral conveyor



# Spiral conveyors, elevators & lowerators

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|| Safely move your product between levels or over and around obstacles.”



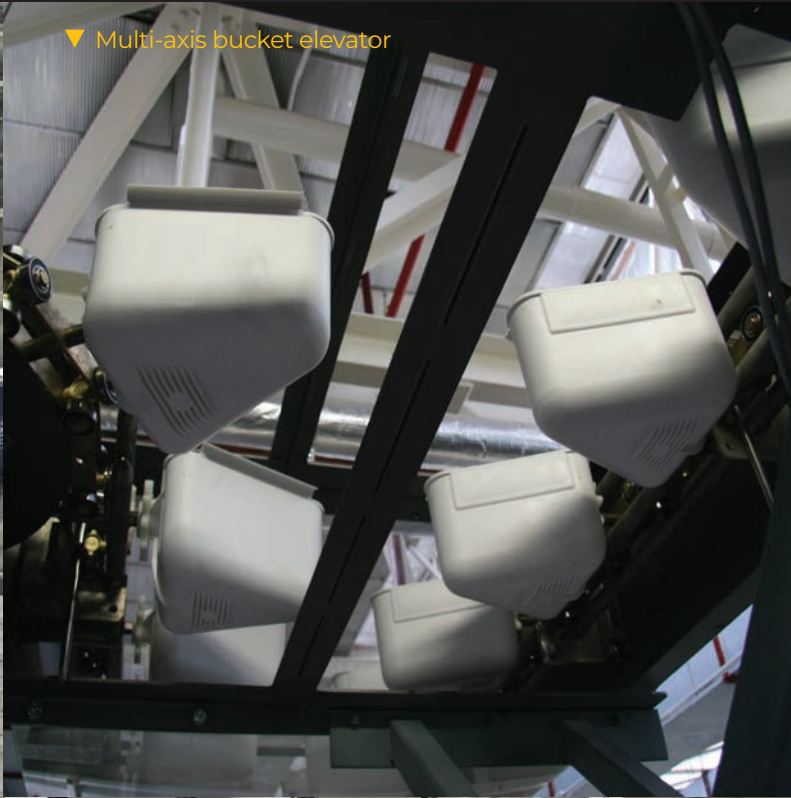
▲ Z-style bucket elevator

Made in the USA, our **Bucket Elevators** are ideal for conveying bulk product such as confectionary, pasta, grains, spices, minerals and small metal or plastic parts. Multiple configurations are available including:

- Z and C bucket elevators
- Multi-axis bucket elevators
- Medium and heavy duty options

We offer **Spiral Conveyors** that are made in Taiwan and are ideal for vertical conveying or areas of reduced floor space. They are widely used in a range of industries and suit bottles, cartons, totes and packages. Different types of spirals are

▼ Multi-axis bucket elevator



▲ Gripper elevator or lowerator conveyor



▲ Continuous vertical elevator or lowerator

available to meet the needs of specific products and environments.

Designed and manufactured by Australis, our **Gripper Elevators and Lowerators** are designed primarily to move bottles, jars and cans between two levels of a production line.

A **Continuous Vertical Elevator or Lowerator** is designed to take cartons or packaged goods between floor levels and an elevated conveyor system. Australis locally designs and manufactures our continuous vertical elevators and lowerators to fit each application.

|| Australis offer US made bucket elevators from **Gough-Econ** and spiral conveyors from **Nexus Engineering** in Taiwan.”



**AUSTRALIS**  
ENGINEERING

# The smart choice

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Contact us today to  
discuss your next  
conveyor project

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