RYSON
ROYAL APOLLO GROUP
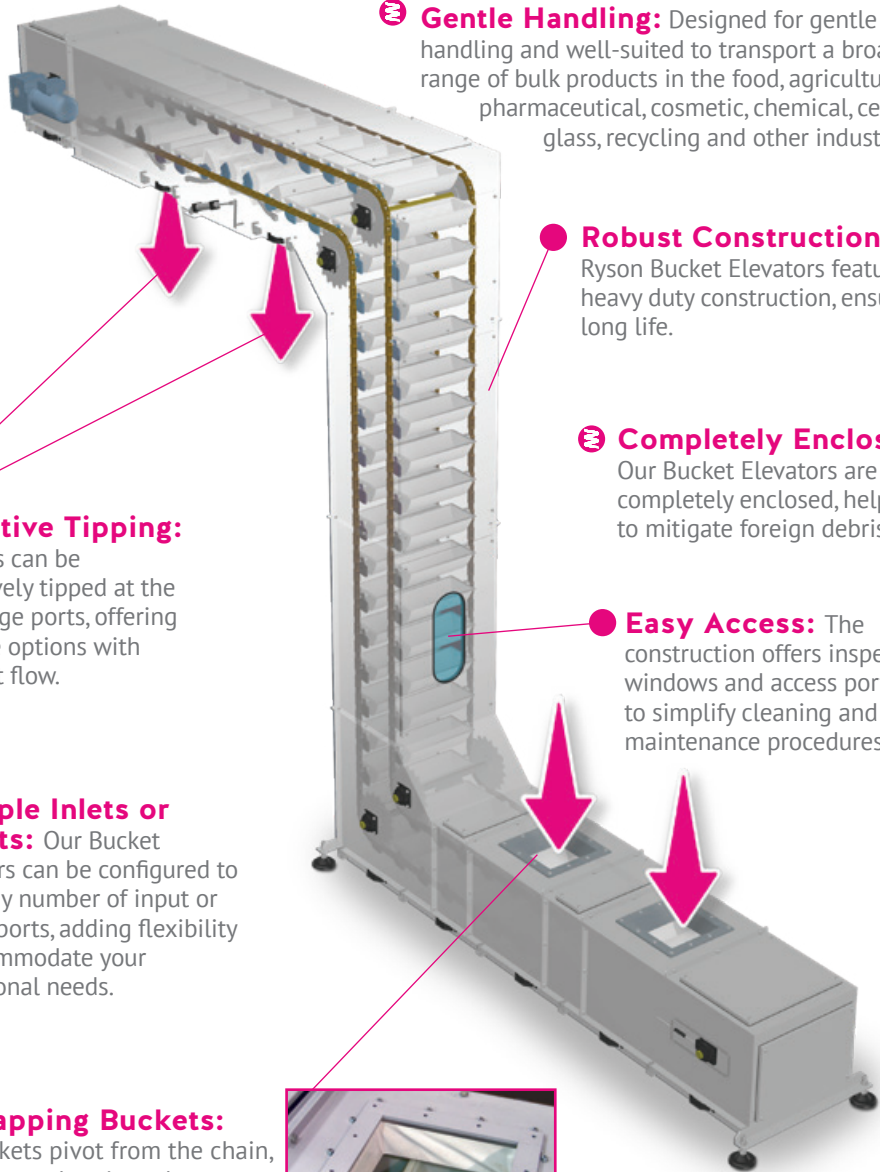
Bucket Elevator
Transportation of Bulk Materials.

Ryson's Bucket Elevators combine vertical and horizontal transportation of bulk materials in one robust unit. Their modular design and configurable options make them a unique and highly effective solution for your bulk material conveyor needs.

Easy to Install: Bucket Elevators are shipped in match marked sub-assemblies, drastically reducing time and cost of installation.

Modular Design: Our unique design offers flexibility of configuration. It also adds the ability to field modify to accommodate changing future needs at a fraction of the cost of a new conveyor.

Low Maintenance: Our Bucket Elevators and components are designed for reliability, low maintenance and long life. They have a impressive up-time record.

Built-in Protection: All Ryson Bucket Elevators are equipped with a chain tensioning device and built-in overload protection.

Finishes: Our Bucket Elevators are available in powder coated carbon steel and stainless steel versions.

Selective Tipping: Buckets can be selectively tipped at the discharge ports, offering flexible options with product flow.

Multiple Inlets or Outlets: Our Bucket Elevators can be configured to have any number of input or output ports, adding flexibility to accommodate your operational needs.

Overlapping Buckets: The buckets pivot from the chain, and nest overlapping when horizontal, minimizing spillage and maximizing throughput.

Gentle Handling: Designed for gentle handling and well-suited to transport a broad range of bulk products in the food, agriculture, pharmaceutical, cosmetic, chemical, ceramic, glass, recycling and other industries.

Robust Construction: Ryson Bucket Elevators feature heavy duty construction, ensuring long life.

Completely Enclosed: Our Bucket Elevators are completely enclosed, helping to mitigate foreign debris.

Easy Access: The construction offers inspection windows and access ports to simplify cleaning and maintenance procedures.

Controls and Integration: Our Bucket Elevators are generally shipped without controls because they normally integrate with an overall conveyor control system. We offer a number of controls and pre-wiring options. A Variable Frequency Drive (VFD) is required for proper operation of our equipment.
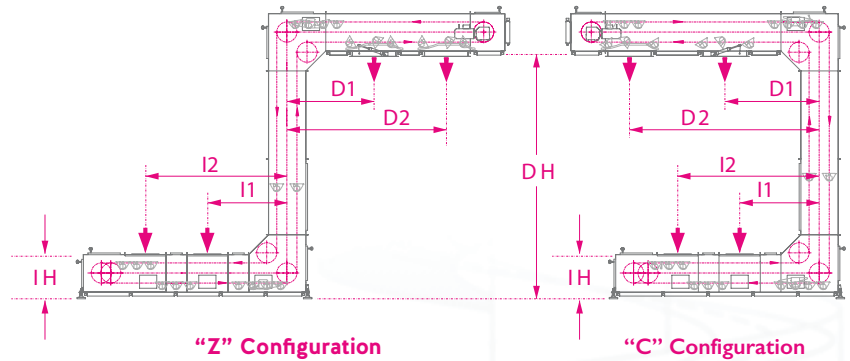
Scan or Click for full details

Quick Facts:

Max Height:	100'
Capacity (F^3/hr)	300,700,1800*
Temperature:	-5° to +210° F
VFD Required:	Yes
Optional Controls:	Yes
Custom Options:	Yes
Color Options:	RAL colors
Inspection Ports:	Standard
Cleaning Drawers:	Standard

* Depending on product density

Configurations:

All Ryson Bucket Elevators are available in several standard versions to accommodate a wide range of loads and applications.
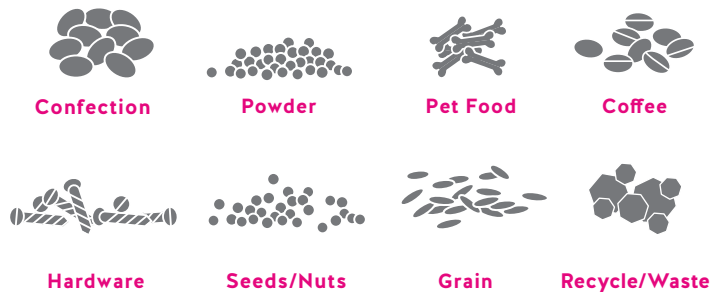
- They can be configured with any number of inlets or outlets, allowing a single unit to feed multiple locations.
- Each unit is made to order to accommodate even the most challenging layouts.

"Z" Configuration   **"C" Configuration**

Model	Frame Width*	Volume CuFT/Hr	Bucket Width
100	1'-7" (475)	300	9" (225)
200	2'-2" (650)	700	15" (385)
600	3'-4" (1000)	1,800	2'4" (725)

* Without motor and clearance to open clean-out drawers

Part	Specifications
Frame	Powder Coated Carbon Steel
Chain	Zinc plated chain and sprockets
Bucket Type	Food-grade reinforced polyamide

Stainless Steel

Part	Specifications
Frame	Stainless Steel
Chain	Stainless steel
Bucket Type	Stainless steel or Food-grade reinforced polyamide

Options

Controls

Dust-tight enclosures

Additional inspection windows

Metal-detectable or stainless-steel buckets

Cleaning station

Dust collection ports

Typically Conveys:

Confection   **Powder**   **Pet Food**   **Coffee**

Hardware   **Seeds/Nuts**   **Grain**   **Recycle/Waste**

VERTICAL CONVEYING SOLUTIONS. WORLDWIDE.

Ryson is a member of the **Royal Apollo Group**, established in 1847 and headquartered in the Netherlands. Ryson manufactures in USA and supports North America. We have manufacturing in Netherlands, USA, and Thailand with service operations in Netherlands, USA, Thailand, China, India, and Mexico. As one global company, we are the world's leader in Vertical Conveying!

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