

# VERTICAL CONVEYING SOLUTIONS





## Ryson specializes in Vertical Conveying Solutions.

We are the number one manufacturer of Spiral Conveyors in the USA. Our products include Spiral Conveyors, Spiral Curves, Mass Flow Spirals, Vertical Accumulation Buffers, Lifts, Bucket Elevators, Incline and Decline Slat Conveyors. All products can be delivered in powder coated carbon steel, stainless steel or washdown versions.

Quality and service comes first at Ryson. Our products are crafted with great care in our modern manufacturing plant in Yorktown, Virginia. All units are shop tested prior to shipment to assure a smooth start up. Our full inventory of spare parts enables us to provide the high level of service our customers have come to expect from Ryson.

### Spiral Conveyors

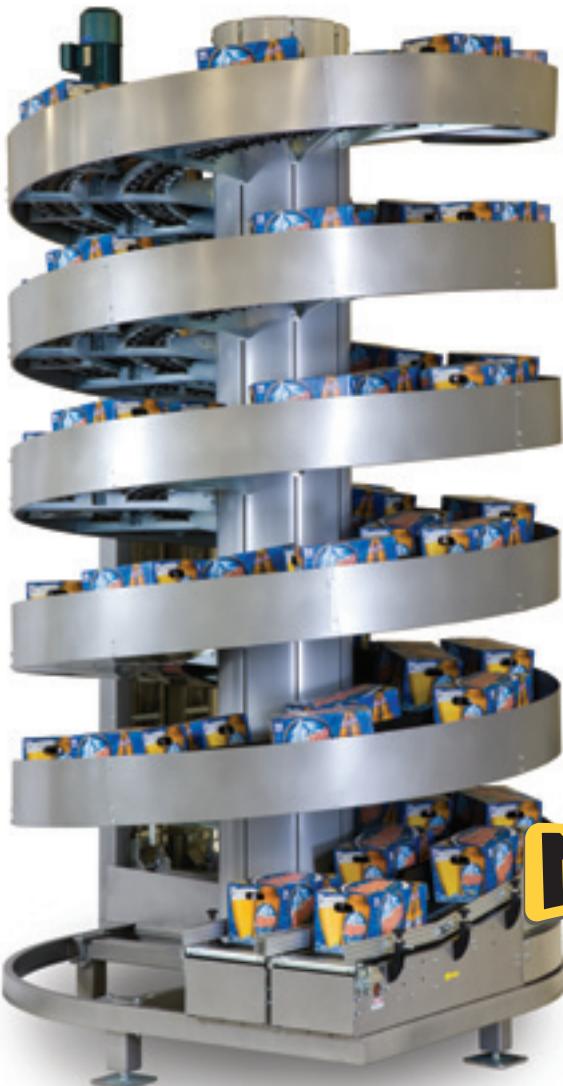
Ryson Spiral Conveyors need less floor space than conventional conveyors and are faster and more reliable than any elevator or lift. Ryson Spirals provide continuous vertical product flow and feature a small footprint, low maintenance and long life.

Only one drive motor is required, resulting in substantial savings in energy, controls and systems integration. Most spirals are shipped in one piece, pre-assembled and pre-tested, drastically reducing time and cost of installation.

## High Capacity Spirals

The new Ryson High Capacity Spirals are in response to our customers need to go higher and handle more weight. The new spirals handle double the capacity of our regular spirals and ship in one piece which drastically reduce the time and cost of installation.

The load capacity is 75 lbs. per linear foot of conveyor for speeds up to 200 feet per minute. The total weight capacity in the spiral at any one time is 3,500 lbs. The High Capacity Spirals need only one drive motor and models with 16" or 24" wide slats are currently available. Ryson Spiral Conveyors need less floor space than conventional conveyors and are faster and more reliable than any elevator or lift. An innovative modular design allows Ryson to customize with ease and modify in the field to accommodate emerging needs.

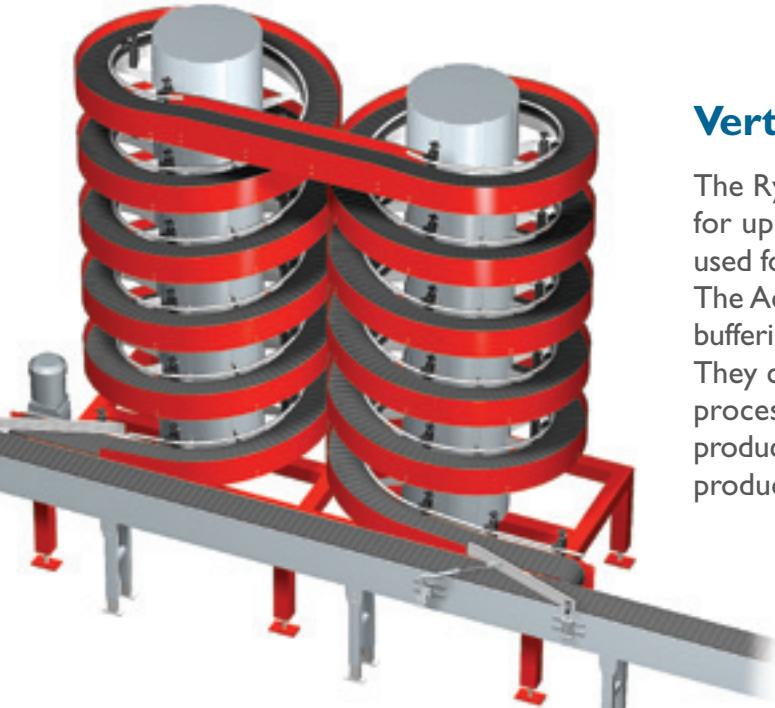


## Mass Flow Spirals

The Ryson Mass Flow Spirals are based on the proven and reliable Ryson Spiral Technology. Full and empty bottles, cans, jars and other similar containers are conveyed up or down in a continuous mass flow. Ryson Spirals have a small footprint and provide considerable floor savings compared to conventional methods.

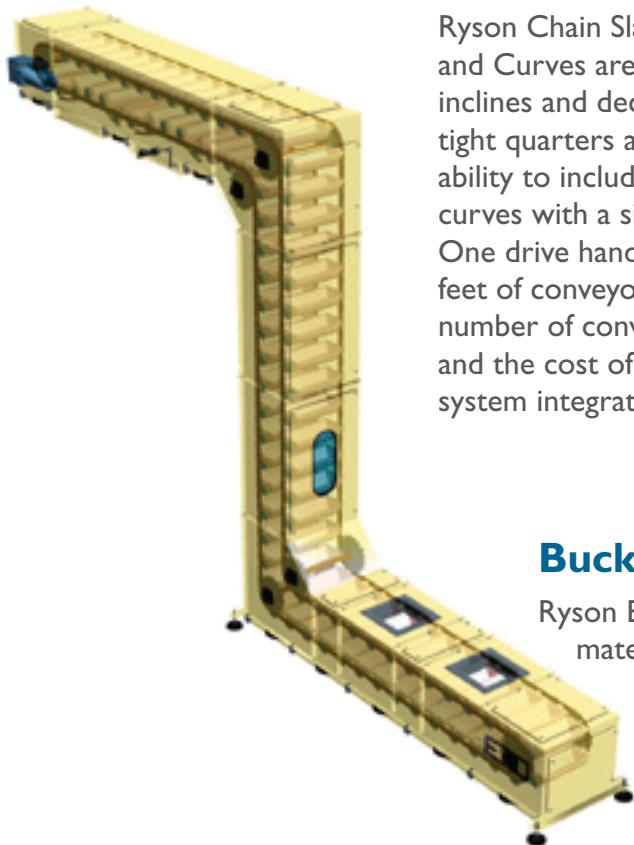
**NEW**





## Vertical Accumulation Buffers

The Ryson Accumulation Buffers combine two or more spirals for up and down movement. Overhead space is effectively used for dynamic storage while preserving valuable floor space. The Accumulation Buffers are often used to provide dynamic buffering where products need time for cooling, drying or curing. They can also be used to buffer surges between manufacturing processes and can provide accumulation during shorter production or packaging line interruptions. Most conveyable products can be handled.



## Slat Conveyors

Ryson Chain Slat Conveyors and Curves are ideal for inclines and declines in tight quarters and have the ability to include multiple curves with a single drive. One drive handles up to 250 feet of conveyor, reducing the number of conveyor transitions and the cost of installation and system integration.



## Bucket Elevators

Ryson Bucket Elevators provide gentle and efficient handling of bulk material. Vertical and horizontal transportation are combined into one integral unit. The bucket elevators are heavy duty, totally enclosed with pivoting buckets and can have multiple in and outlets.



**RYSON**  
INTERNATIONAL, INC.

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For application assistance or more information, give us a call or visit [www.ryson.com](http://www.ryson.com)