

## Mass Flow Spirals

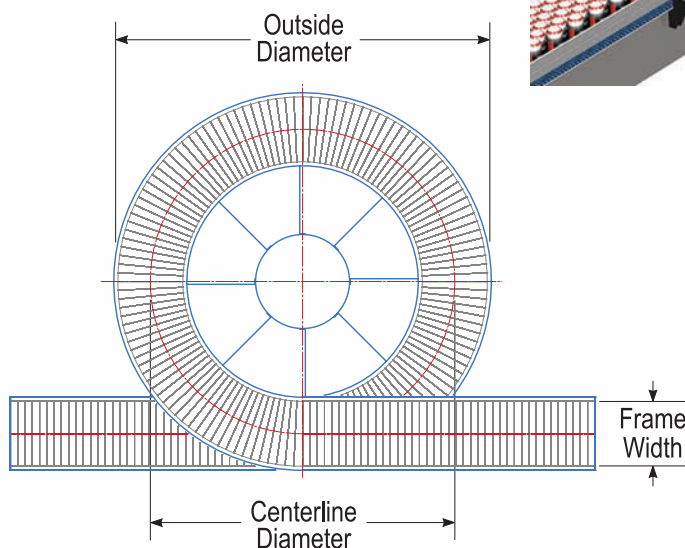
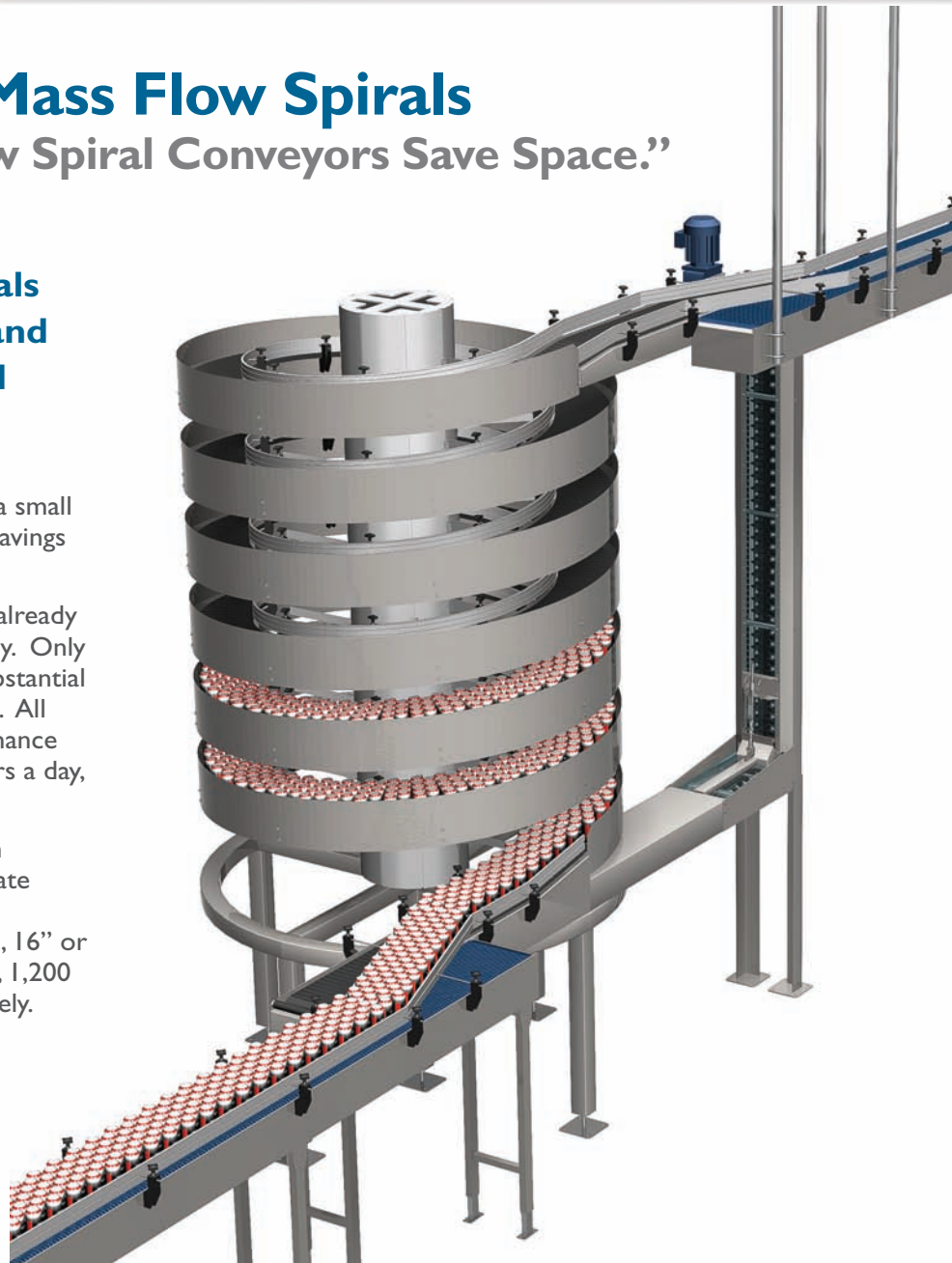
“Mass Flow Spiral Conveyors Save Space.”

**The Ryson Mass Flow Spirals are designed to handle full and empty bottles, cans, jars and other similar containers.**

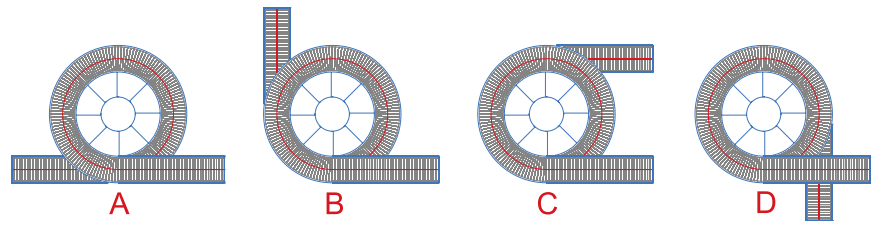
Products are conveyed up or down in a continuous mass flow. Ryson Spirals have a small footprint and provide considerable space savings compared to conventional methods.

The Mass Flow Spirals are based on the already proven and reliable Ryson Spiral technology. Only one drive motor is needed, equating to substantial savings in controls and systems integration. All Ryson Spirals are designed for low maintenance and long life. Many spirals operate 24 hours a day, 7 days a week.

The Mass Flow Spirals are equipped with extended in and outfeed tangents to facilitate smooth side transfer to and from external conveyors. They can be delivered with 12”, 16” or 20” wide slats with capacities of up to 800, 1,200 2,000 bottles or cans per minute respectively. available in powdered coated carbon steel, stainless steel and washdown versions.

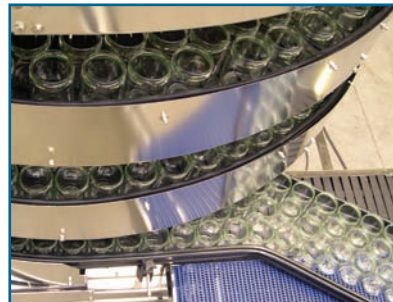


Type	Outside Diameter	Centerline Diameter	Slat Width
1900-300	7'-7" (2300)	6'-3" (1900)	12" (300)
1900-400	7'-11" (2400)	6'-3" (1900)	16" (400)
2400-500	9'-10" (3000)	7'-11" (2400)	20" (500)



### Modular Design:

An innovative modular design allows Ryson to customize with ease and modify in the field to accommodate emerging needs. All spirals are made to order and are available in 4 basic configurations (A, B, C and D), accommodating most requirements relating to the location of the in and out feed tangents. All configurations can operate up or down in a clockwise or counterclockwise rotation and custom configurations are available. Call us with your specific needs.



### Controls and Integration:

Most of our spirals are shipped without controls because they normally integrate with an overall conveyor control system. The spirals always include an inverter duty gear motor and two proximity sensors, one for the automatic chain tensioner and one for the overload protection device. Refer to our website for controls options available from Ryson. A Variable Frequency Drive (VFD) is required for proper operation of the spirals.

All Ryson Spirals are thoroughly shop tested prior to shipment, but depend on proper integration with the overall conveyor system for optimum performance. Spiral integration instructions are available on [www.ryson.com](http://www.ryson.com) or give us a call to request a copy.

# RYSON

INTERNATIONAL, INC

## VERTICAL CONVEYING SOLUTIONS

Ryson is the number one Spiral Conveyor manufacturer in the USA.

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