

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 similar containers.

Products are conveyed up or down in a continuous mass flow at a rate up to 2,000 units per minute. 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 High Capacity 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.

Our Mass Flow Spirals are equipped with special nesting slats which provide a flat and stable conveying surface without gaps. The slats can be 10", 16" or 20" wide depending on the customer throughput requirements. The Mass Flow Spirals utilize extended in and outfeed tangents to facilitate a smooth and reliable side transfer to and from the external conveyors. They are available in powder coated carbon steel, hybrid and stainless steel wash-down versions.

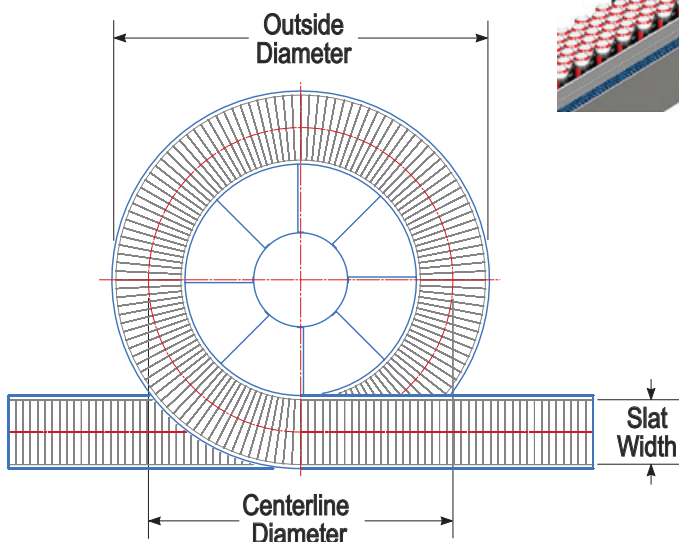
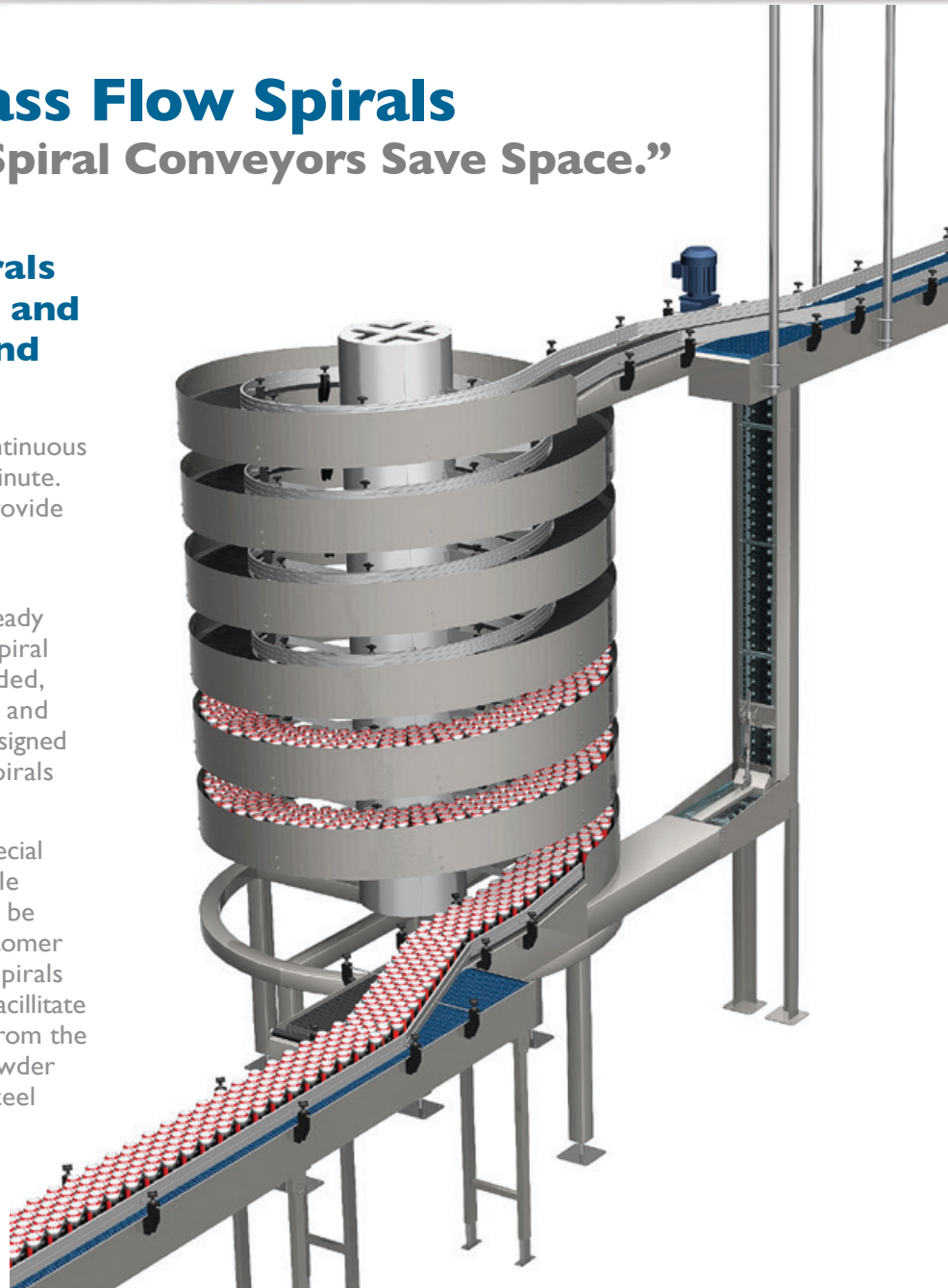
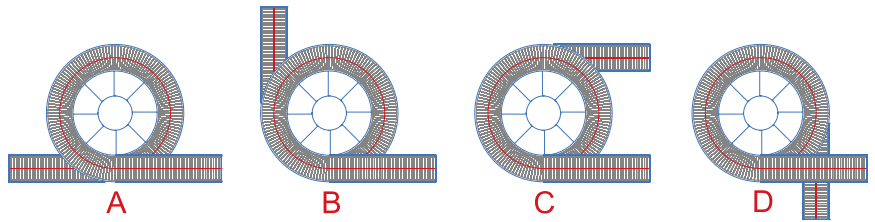


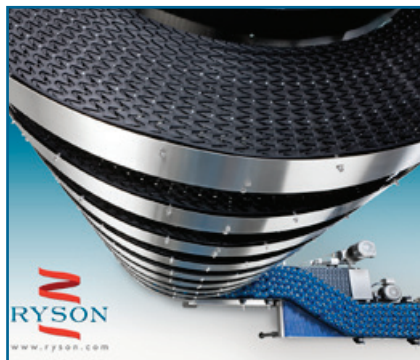
Chart displays the most common models.

Type	Outside Diameter	Centerline Diameter	Slat Width
1900-260-MF	7'-5" (2260)	6'-3" (1900)	10" (254)
1900-400-MF	7'-11" (2400)	6'-3" (1900)	16" (400)
2100-400-MF	8'-5" (2560)	6'-11" (2100)	16" (400)
2300-500-MF	9'-4" (2840)	7'-7" (2300)	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. Custom configurations are available. All configurations can operate up or down in a clockwise or counterclockwise rotation. 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 and long life. Spiral integration instructions are available on 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