

# Narrow Trak Spiral Conveyors

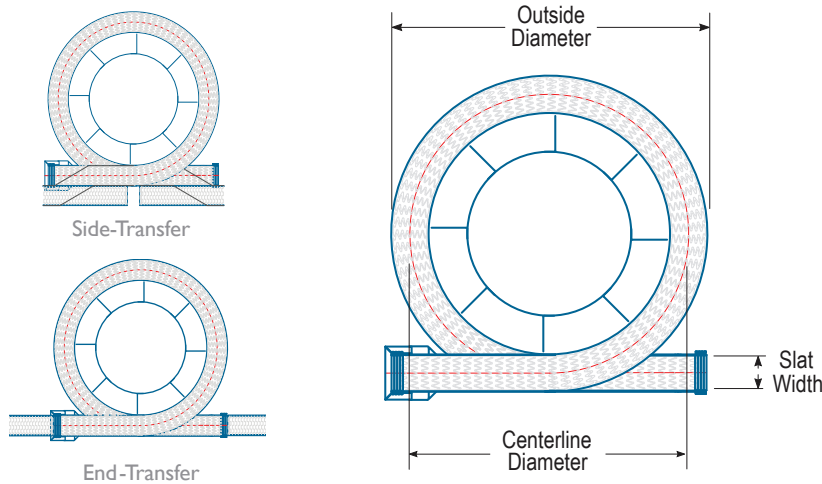
“Super compact vertical conveyors for handling small loads”

**The Ryson Narrow Trak Spirals are super compact vertical conveyors designed to handle small loads. They are great space savers with high throughput that can run at speeds in excess of 200 fpm.**

Our nesting slats have the capacity to reliably end-transfer small cartons and packages or side-transfer small bottles or containers in a single file or in a continuous mass flow. The spiral conveyors are equipped with our new 6” or 9” wide nesting slats which provide an efficient flat conveying surface without gaps.

The Narrow Trak Spirals offer a significantly larger elevation change capacity than what is currently available in the small package marketplace. They are also a good alternative to side gripper conveyors because they can run at high speeds and do not need to be adjusted for varying product sizes. This compact unit is equipped with the Ryson proprietary low friction chain slat belt that assures high speed, low energy consumption, low maintenance and long life. The Narrow Trak Spirals are especially beneficial for the food, beverage, pharmaceutical, nutraceutical and personal care market.

The NT Spirals are powder coated to assure a durable finish. Also available in hybrid stainless steel versions suitable for wet applications.



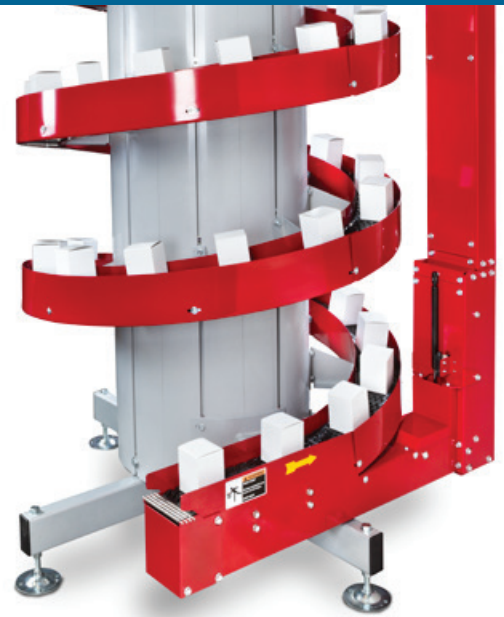
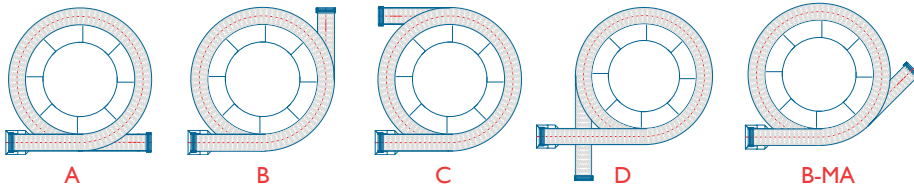
Type	Outside Diameter	Centerline Diameter	Slat Width
1100-150-NT	4'-2" (1270)	3'-8" (1100)	6" (150)
1200-230-NT	4'-9" (1450)	3'-11" (1200)	9" (230)
1700-150-NT	6'-2" (1870)	5'-7" (1700)	6" (150)



Chart displays the most common models.

## Modular Design:

The Ryson modular design makes our spirals easy to configure and customize. All our spirals are made to order and are available in four basic configurations as it relates to the position of the in and outfeed tangents as shown, (A, B, C and D) The angle of the tangents can also be customized to meet specific layout requirements (B-MA for example) All configurations can operate up or down and in a clockwise or counterclockwise rotation.



## One Drive:

Only one drive motor is required, resulting in substantial savings in energy, controls and systems integration.

## Nesting Slats:

The nesting slats provide an efficient flat conveying surface without gaps and can be used for end-transfer or side-transfer. Available in 6" and 9" wide versions. Friction inserts can be added when additional grip is required.

## Built-in Protection:

The Narrow Trak Spiral includes an automatic chain tensioner and a built-in overload protection device.

## Easy to Install:

The Narrow Trak Spirals ship in once piece, pre-assembled and pre-tested, reducing the time and cost of installation.

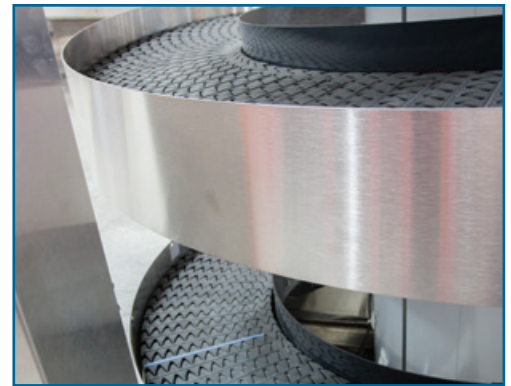
## Low Maintenance:

All Ryson Spirals are designed for low maintenance and long life. Only high quality components are used throughout. All bearings are sealed for life and need no further lubrication. The chain is of heavy duty nickel plated construction and needs only infrequent lubrication. The slats need no maintenance and can easily be replaced as single components without the use of special tools.

## Controls and Integration:

Each spiral includes an inverter duty gear motor and two proximity switches, one to sense a slack chain and one to sense any overload. Several pre-wiring and controls options are available.

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.



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**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.tceconveyors.com](http://www.tceconveyors.com)**