

Spiral Conveyors

Powered by Rexroth



SPIRAL CONVEYORS

Spiral conveyors allow vertical product transport and act as buffer storage in a compact footprint. In order to extend the chain conveyor offering, Bosch Rexroth partners with smartPac, a well-known and experienced manufacturer of spiral conveyors.

The spiral conveyors are based on standardized components of the VarioFlow system, offer chain widths between 80-320mm and can overcome a height difference of up to 3000mm between infeed and outfeed.

Depending on the product an incline of 5-12° and a conveying speed from 5-60m/min is possible.



SPACE-SAVING

Market-leading, compact footprint saves valuable space in your production.



POWERED BY REXROTH

Based on core components from the VarioFlow chain conveyor system (chain, drive and return unit, product guide...)



HIGHLY CUSTOMIZABLE

Various beam structures, heights, widths and even multiple spirals are possible.



EASY TO INTEGRATE

Simple and fast project planning including a spiral conveyor within the software MTpro.



EFFICIENT

High payload or less energy consumption due to light chain and roller friction in the spiral.



Example configurations

ALUMINUM BASE FRAME



Compact

80mm



80mm



160mm



240mm



320mm

STEEL BASE FRAME



Compact

80mm



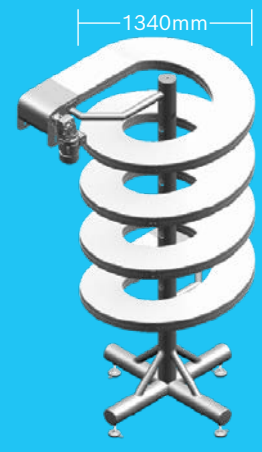
80mm



160mm



240mm



320mm

Visualization and measurements are indications only.
For details, please contact your local Rexroth salesperson.

Powered by

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How to proceed with a spiral conveyor

Please download and complete the technical parameter template linked in the info box and contact your local Rexroth Sales Associate or Applications Engineer. You have the possibility to download the 3D CAD file (.step) of the spiral conveyor from MTpro for visualization purposes as well.

In the case that the alignment, technical feasibility study, or configuration changes (esp. infeed/outfeed height), a review of the complete layout in MTpro is highly recommended to avoid possible issues.



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technical parameter template**

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