

The all new Flexible Screw Conveyor for the most abrasive applications



- ◆ Aggregates
- ◆ Carborundum
- ◆ Cement Pumice
- ◆ Pulverized Furnace Ash
- ◆ Sand
- ◆ Silica
- ◆ Sintered metals

Flexible screw conveyors are an effective mechanical means of conveying powders and granules - offering the simplest and lowest cost solution for a multiplicity of applications. They comprise a heat-treated carbon or stainless steel spiral rotating within a semi-flexible conveying tube.

A key factor to their suitability for abrasive applications is their simplicity and the lack of bearings. The conveying tube is effectively one long support while the conveyed product acts as the lubricant centralizing the rotating spiral within the tube.

Test have confirmed that our new 'RHINOVEYOR' conveying tubes have a life four times, and more, than standard UHMWPE plastic tubes. Thus the new 'RHINOVEYOR' range enables us to offer more durable conveyors for the most aggressive products such as those listed above.

With UHMWPE tubes, flexible screw conveyors must always run full of material. Running empty can lead to excessive noise and wear. However, the nature of the new 'RHINOVEYOR' conveying tubes means that running empty no longer creates the wear and noise associated with plastic tubes. However flexible spiral conveyors are not totally self-emptying and therefore are ideal for transferring material from storage to weigh hoppers or to a process but, not for transferring pre-weighed batches of material where total transfer is required.

Test Center

At Spiroflow we operate a fully equipped test facility which enables us to demonstrate the function of our equipment and the way that it handles your products. We actively encourage customers to visit us to witness trials on their products. At the same time you can discuss your specific design requirements with our engineers.

Model	Typical capacity lbs/hr
RV55	3,748
RV63	7,718
RV76	11,025

Operating temperatures -13°F to 158°F



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Superior by design, outstanding in performance