Spiroflow
by AKONA

FLEXIBLE SCREW CONVEYORS

For Dry Bulk Solids & Ingredients

Simplify bulk material handling with a Spiroflow Flexible Screw Conveyor.

Designed for efficiency, reliability and ease of use, these conveyors provide versatile solutions for a wide range of materials and applications.

Scan For More Information

Constant Remixing

Low Maintenance

Gentle Handling

Easy to Clean

Ideal Machine For

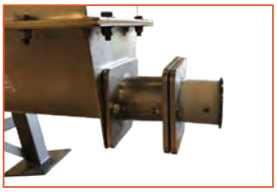
- Feeding
- Conveying
- Loading
- Discharging
- Dosing

Design Simplicity

Sheer simplicity of operation is the key element in the Spiroflow conveying system. The electric motor driven spiral, which is the only moving part, rotates within a sealed tube, moving the materials along by its screw action.

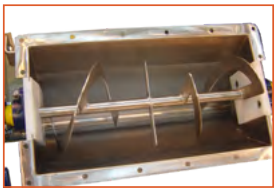
This design simplicity eliminates the need for any additional operating equipment such as filters or bearings - all adding up to a system that's hygienic, easy to clean, low on installation and maintenance costs, and high on efficiency and performance.

Flexible screw conveyor design options



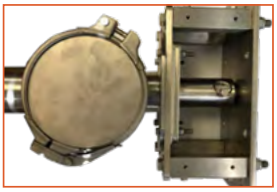
Restrictor Pipe

Easily allows conveyor throughput adjustment and prevents metal to metal contact for food applications.



Agitator

Improves flowability of a product.



Hygienic Seal

Lip seal and stand-off between the drive and the outlet.

Drop Out Box

Drop trap enables easy access for cleaning. Hand knobs eliminate the need for tools. Safety switch ensures system cannot be operated with cover removed.

Reversing Trap

Removable end cap on the inlet of the FSC conveyor to allow for maximum recovery of un-used product when emptying the system via running the spiral in reverse prior to product changeover. Safety switch ensures system cannot be operated with cover removed.

MODEL SPECIFICATIONS

Model (US)	Capacity lb/hr (approx)	Minimum Bend Radius (ft)	Tube Diameter (in)	Model (UK/Europe)	Capacity kg/hour (approx)	Minimum Bend Radius	Tube i/d c o/d (mm)
214	1,000	6	2 1/4	37	100	2	37 x 43
258	2,000	6	2 5/8	44	400	2.5	44 x 51
318	4,400	14	3 1/8	55	800	3	55 x 63
412	14,000	20	4 1/2	67	2,000	4	67 x 80
658	40,000	Rigid	6 5/8	80	5,000	5.5	80 x 90
835	80,000	Rigid	8 3/4	90	7,000	7	90 x 100
				120	12,000	Rigid	120 x 136
				146	22,000	Rigid	146 x 158
				196	40,000	Rigid	196 x 222