



Sanitary Tilt-Down Flexible Screw Conveyor Cleans Rapidly, Rolls Through Doorways

FF-0348



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Sanitary Tilt-Down Flexible Screw Conveyor Cleans Rapidly, Rolls Through Doorways

This Sanitary Flexible Screw Conveyor can be tilted down and rolled to serve multiple functions. Using a manual jack screw, the support boom and conveyor can be raised for discharging into vessels or other process equipment. Fully lowered, it can be rolled through doorways as low as 7 ft (2134 mm) in height, and aisles as narrow as 42 in. (1067 mm).

Sanitary features include: a caster-mounted frame, support boom and hopper grate constructed of 316 stainless steel, sanitary quick-release clean out cap, quick-disconnect discharge box access cover, stainless control panel with stainless conduit and liquid-tight compression fittings, allowing wash down during changeovers and/or conveying of corrosive materials.

HMI controls allow manual and automatic start/stop and speed adjustment.

Material flows through the hopper into an adapter that charges the conveyor. As the flexible screw rotates in the material, it self-centers within the tube, providing ample clearance between the screw and the tube wall to eliminate or minimize grinding. The flexible screw is top-driven beyond the point at which material exits the conveyor, preventing contact with bearings or seals.

The conveyor transports bulk materials from sub-micron powders to large pellets, while the gentle rolling action of material prevents the separation of blends.

The rugged inner screw is the only moving part contacting material, resulting in reduced maintenance and increased reliability. A broad range of screws with specialized geometries is available to handle free- and non-free-flowing materials, including products that pack, cake or smear in other types of conveyors.

The conveyor frame can be finished to sanitary or industrial standards, or constructed of carbon steel with durable industrial coatings.



Flexicon's Mobile Sanitary Flexible Screw Conveyor can be tilted down to clear doorways 7 ft (2134 mm) in height, and rolled through aisles as narrow as 42 in. (1067 mm).

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