

PRODUCT CONFIGURATIONS



R-0310

Low Profile Flexible Screw Conveyor



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Low Profile Flexible Screw Conveyor

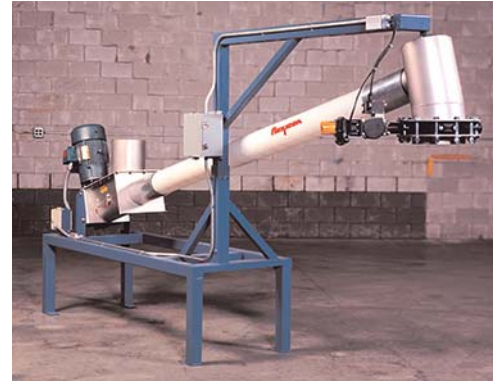
Motor drive positioned at the conveyor inlet allows the discharge end to fit within limited headroom areas

Flexicon's Low Profile Flexible Screw Conveyor (also known as a helix conveyor, screw conveyor, spiral conveyor or auger conveyor) positions the motor drive at the inlet end of the conveyor tube, allowing the discharge end to fit within limited headroom areas typically encountered above weigh hoppers or other receiving vessels.

The enclosed, dust-free conveyor can move material vertically, horizontally or at any angle, through small holes in walls or ceilings, and can handle products ranging from sub-micron powders to large pellets, including those that pack, cake, plug, seize, smear or fluidize, with no separation of blended products.

The only moving part contacting material is a flexible inner screw, maximizing reliability while reducing maintenance. The removable screw and tube interior are smooth and crevice-free, allowing rapid, thorough cleaning.

Low Profile Flexible Screw Conveyors are offered in diameters from 2-5/8 to 8 in. (64 to 203 mm) in stationary and mobile configurations to industrial, food, dairy and pharmaceutical standards, with optional hoppers, flow promotion devices, sensors, controllers and interchangeable screw designs to satisfy wide-ranging material and process requirements.



Motor drive at material inlet allows conveyor to fit in low headroom areas.