



Carolina Conveying

Flexiscrew Conveyor



the power
in
powders

Flexiscrew Shaft-less Screw Conveyor

The **Flexiscrew** is an economical and easily installed conveyor for transporting dry, solid materials between two points either horizontally or at an incline. The unit consists of a fabricated inlet and outlet head of either mild steel or stainless steel. Between the inlets and outlets is a continuous length of UHMW polyethylene tubing, which clamps to the inlet and outlet via standard compression type couplings. At the outlet head is a direct coupled helical gearbox and electric motor. Connected to the drive shaft is a flexible and shaft-less auger, which extends down and into the inlet head. The shaft-less auger is a continuous coil of either plain steel or stainless steel.

The flexible screw conveyor can be mounted at practically any angle, bearing in mind that the capacity decreases as the incline increases. Inlet options include a surge hopper with legs, and either spigot inlet or removable cover. CCI also manufactures bulk bag stations, portable IBCs and bag dump stations which would mount directly above the inlet. The outlet head has a removable cover for inspection and/or cleaning. The flanged outlet includes a discharge funnel for connection to the proceeding equipment via flexible sleeve.

Standard Features

- 2", 3" & 4.5" Sizes
- Mild Steel or Stainless Steel Construction
- UHMW Polyethylene Tubing
- Continuous Shaft-less Auger Flights
- Compression Type Couplings
- Helical In-Line Direct Drive Gearbox
- C-face Motors
- Optional Inlet Hopper with Support Legs
- Optional Bag Dump Station
- Optional Bulk Bag Discharge Station





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Material Handling Range

- Bag Dump Stations



- Bulk Bag Discharge Stations



- Intermediate Bulk Containers

