



*Conveyor tube is FDA approved UHMWPE or 304 stainless steel.

Standard Design Features

- A dust-tight working chamber with a large 18" dust-tight access hatch keeps area safe from product spillage.
- Sloped surfaces are self-draining and prevent standing water from accumulating (source of microbiological growth).
- The continuous crack and crevice-free interior surface allows dry (air or brush) cleaning or wet cleaning of all surfaces.
- Separate inner and outer chambers limit contamination from entering the product feed stream from outside of the bag.
- All stainless steel construction is suitable for cleaning with alkaline or acidic cleaners.

USDA

Spiroflow's Bulk Bag Unloader / Flexible Screw Conveyor systems have been designed to meet situations where sensitive products need to be handled in a controlled environment. They are particularly suitable for those products where the highest levels of sanitation and the lowest degrees of cross contamination must be maintained during handling. Typical applications include meat, poultry, dairy, food, pharmaceutical as well as fine chemical, pigments/dyes, and catalysts.

Bulk Bag Unloader

- For discharging bulk bags in any facility requiring USDA authorized machinery
- Where microbiological contamination must be controlled or where product cross contamination must be minimized
- Applications requiring ease of dry or wet cleaning of equipment

Flexible Screw Conveyor

- 304 stainless steel contact surfaces*
- All connections are sanitary clamps
- Quick release spiral with a release mechanism located outside of the product contact area

Contact Surfaces

- All contact surfaces are pitched to provide complete drainage after cleaning
- 304 stainless steel
- Continuous welds, ground smooth and flush, crack and crevice-free with a #4 180 grit polish

Non-Contact Surfaces

- 304 stainless steel
- Continuous exterior welds ground smooth
- Satin smooth bead blasted exterior using 200 micron spherical virgin silica beads (other polishes available)

Design Options

- Bag massage for compacted, poor-flowing products (starch, cocoa powder, 10X sugar)
- Bag spout pinch bars provide a 'hands-off' opening and closing of the bag spout adding to the low contamination and clean operation of the discharger
- Loss-in-weight with integral electronic load cells
- Integral flexible screw or other types of conveyors
- Electroplated interior

How Can Spiroflow Help Your Business?

Contact us today to discuss your specific applications and needs.