



Bag Dump Station

Bag dump stations are also known as bag unloaders. Bag dump stations let the user empty the material in any bag, drum or any similar container and transfer it to another equipment like conveyor, mixer, silo etc. While unloading the bag, the emitted dust is vacuumed by the system. The air is filtered and dust is sent back to the process. Bag dump stations prevent any harmful dust spread to the environment.

Advantages

- Safe and clean working environment
- Dust free environment air
- Easier discharging of bags, sacks and drums
- Applicable for different conveying and storage systems
- Wide range of models for different applications
- Easy to clean
- Maintenance free design

Features

- Rigid, steel construction
- Vibration motors for better product flow
- Filtrering system
- Jet pulse system for automatic filter cleaning
- Cartridge type replacable filters
- Powerfull vacuum fan

Screw Conveyor

Screw conveyors are used to mechanically convey powdered and granular materials. Screw conveyors are also known as screw feeders or helical conveyors. Bulk material transportation can be done between two points by using screw conveyors. There exists wide range of screw conveyor types depending on the application. The physical properties of bulk solids and type of application effects the design of screw feeder. Conveying capacity, horizontal and vertical distances, type of bulk solid should be considered to select a proper screw conveyor model. Screw diameter, screw pitch, inlet and outlet dimensions, motor power and casing type are major properties of screw conveyors.

Types of Screw Conveyors

Tubular Screw Conveyor

O type screw conveyor

U Type Screw Conveyor

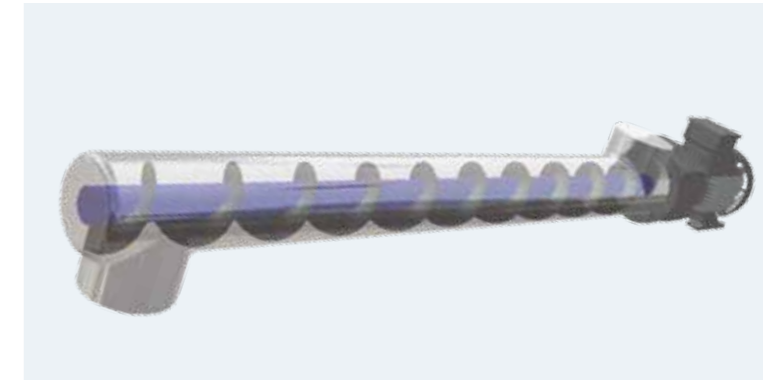
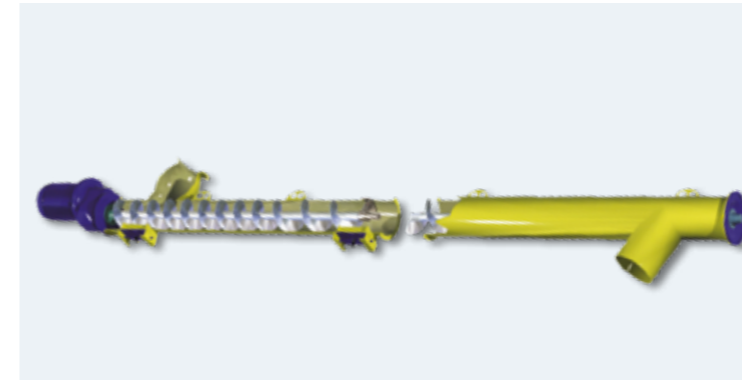
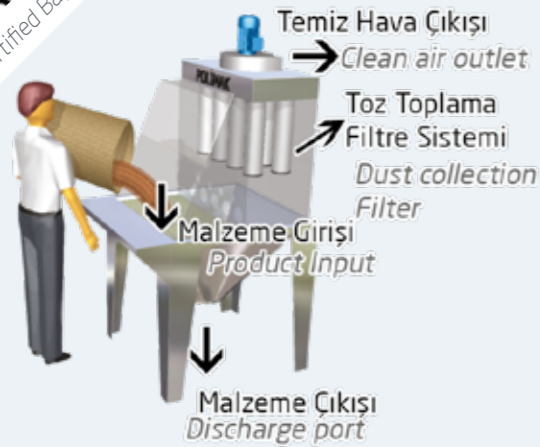
U type screw feeders are used in bulk solids which may stick on the helical screws and should be cleaned manually.

Stainless Steel Screw Conveyor

Used in production of foods, medicines and similar raw materials.

Hardox Screw Conveyors

Used in abbrasive products.



Stainless Steel Screw Conveyor



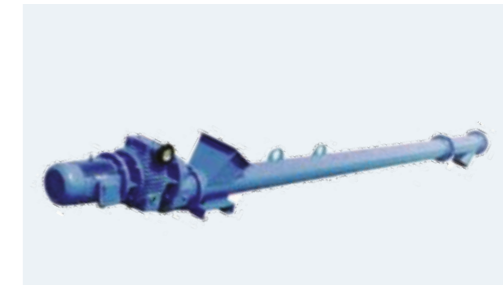
Hardox Screw Conveyors



U Type Screw Conveyor



Dosing Screw Feeders



Tubular Screw Conveyor



Cement Screw Feeder



Mobile Screw Feeder With Hopper

Automatic Bag Discharge System

Automatic bag discharge system is used to empty bags that contain products in powder or granular form, with high capacity and convey them to the desired location in a dust free environment.

- The bags loaded on conveyor belt of the system are automatically cut.
- The contents of the bag are discharged from the machine with the help of a screw feeder or rotary valve.
- The waste bags are collected in other place

