

AERO-FLEX

by **VAC-U-MAX**



Flexible
Screw
Conveyors

AERO-FLEX *Flexible Screw Conveyors*



AERO-FLEX flexible conveying systems are engineered to transport most dry bulk materials at a reduced cost. They convey powders and granular material without separation of product.

The Aero-Flex system utilizes a stainless steel or carbon steel one-piece helix, which is enclosed within a stationary plastic tubing, for transferring material from its feed hopper to the discharge point, quickly and efficiently.

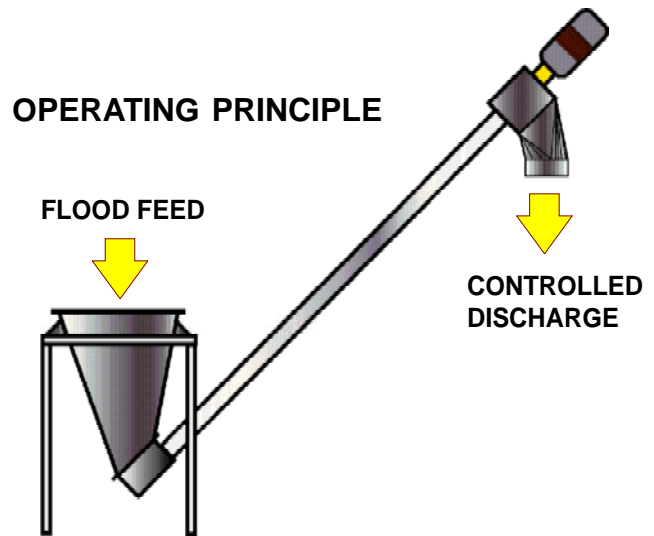
Applications

The **AERO-FLEX** is excellent for transferring most types of products including, Foods, Pharmaceuticals, Chemicals, and Plastics, from bulk bag unloaders, bag dump stations, and feed hoppers.

- Load filling machines
- Blenders/Mixers
- Surge Hoppers
- Bulk Bag Loaders
- Grinders, Pulverizers, Air Classifiers
- Load and unload sifters

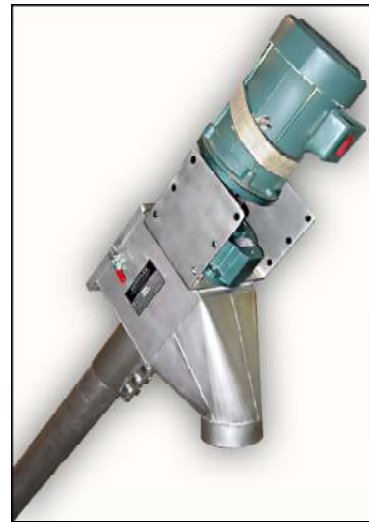


OPERATING PRINCIPLE



Benefits of an AERO-FLEX System

- Efficient transfer of material
- Increased production
- Simple maintenance
- Easy to clean
- Flexibility to meet most application and installation requirements.
- Multiple pick-up and discharge points
- Mobile systems for in-plant flexibility



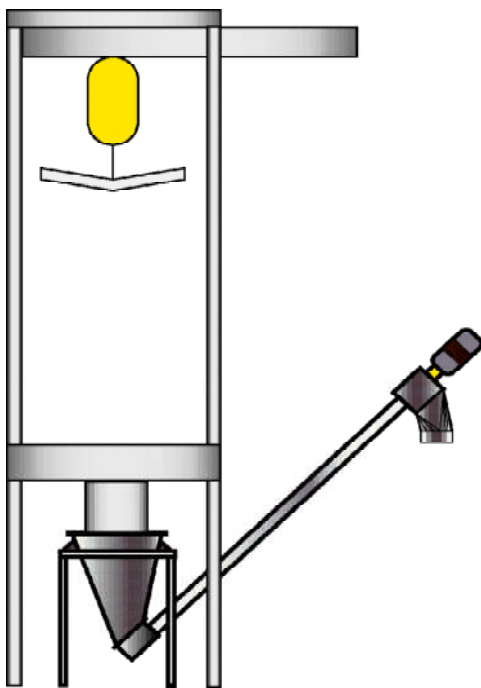
Adaptable to multiple pick-up points

- Bulk Bag Unloaders
- Feedbins or Hoppers
- Bag Dump Stations
- Mixers and Blenders
- Pharmaceutical machinery
- Silos

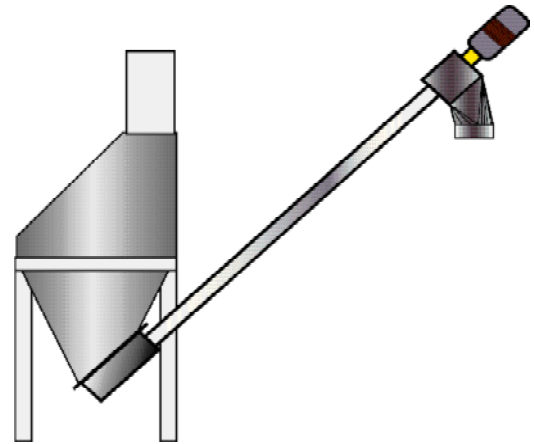


Bulk Bag Discharging

- Flexible low-profile design
- Controlled discharge rate
- Start and Stop under load
- Ideal for controlled discharge to packaging machines
- No isolation valve needed beneath the bulk bag



Bag Dump Station



- Simple up & In transfer of material
- Controlled filling rate
- Operator can “dump and run”, leaving product to be discharged unattended
- Self-contained or centralized filter system
- Simple dump hopper and glove box type options

PRODUCTS HANDLED

Carbon Black - Chlorine Powder -
Detergent Fines - Diatomaceous Earth
- Ferric Sulfate - Gypsum - Lead Oxide
- Silica Gel - Soup Noodles - Titanium
Dioxide - Zinc Stearate Caffeine Powder
- Cut Tea - Herbal Tea - Cake Mix -
Cereal - Coffee Beans - Color Powder -
Cocoa Beans - Dextrose - Flour -
Garlic Powder - Onion Flakes, Dried -
Pasta Shells - Potato Chips - Rice -
Salt - Starch - Waffle Mix - Whey -
Alkalines - Aspirin - Boric Acid - Dental
Powder - Epsom Salts - Gelatin
Capsules - Lactose - Niacin - Tablet
Granulation's - Vitamins Fiberglass,
Chopped - Grout - Rubber Crumb





Pneumatic Conveying Systems

Pneumatic Conveying Systems from VAC-U-MAX. VAC-U-MAX is a premier manufacturer of custom pneumatic systems and support equipment for conveying, batching, and weighing materials. With a VAC-U-MAX system on site, your company's product can move gently and quickly from point to point, with nothing in the way to impede the efficiency of its movement.



Industrial Vacuum Cleaning Systems & Equipment

Industrial Cleaning Systems from VAC-U-MAX. VAC-U-MAX is a premier manufacturer of industrial vacuum cleaning systems for production lines and other dust-intensive areas. With a VAC-U-MAX heavy-duty vacuum cleaning system on site, both your capital equipment and your employees will be safer and cleaner. So put our field-proven equipment to work for you, and watch dust and other particulate contamination simply disappear.



Aerocon Aero-Mechanical Conveyors & Aero-Flex Flexible Screw Conveyors

Aero-Conveying is best defined as the movement of material using the desirable features of both pneumatic and mechanical conveying, and eliminating most of the disadvantages. The result is high volume, controlled transfer of dry materials (such as foods, pharmaceuticals, and chemical products), efficiently and economically, with little, if any, effect on the material, however friable and degradable.

AERO-FLEX by
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