PRODUCT CONFIGURATIONS

EE-0701

Bag Dump Station with Tubular Cable Conveyor
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This Manual Dumping Station with integral FLEXI-DISC® Tubular Cable Conveyor from Flexicon collects dust created during manual dumping from bags, boxes, pails and other containers, and gently conveys the material at any angle over short or long distances.

The unit features a high velocity vacuum fan that draws airborne dust from the operator's atmosphere onto cartridge filters. Automatic reverse-pulse filter cleaning allows continuous, efficient operation; timer activated solenoid valves release short blasts of compressed plant air inside the filters causing dust build-up on outer filter surfaces to fall into the hopper.

Filters are readily accessed by removing the interior baffle, and replaced using quick-disconnect fittings.

The conveyor moves material using high-strength polymer discs affixed to a stainless steel cable, that slide fragile materials within smooth stainless steel tubing, gently, quietly and dust-free, horizontally, vertically or at any incline. The discs and cable are driven by a wheel at one end of the circuit and put under tension by a wheel at the other end, and fully evacuate the conveyor of material.

The modular system can have single or multiple inlets and outlets, and convey over short distances or hundreds of feet/meters.

Constructed of stainless steel finished to food, dairy, pharmaceutical or industrial standards, the system is particularly suitable for manual dumping and conveying of food products that are prone to breakage or degradation including: cereals, coffees, teas, dried fruits, frozen vegetables, grains, nuts, peas, pet foods, seeds, snack foods and spices. Typical non-food applications include bulk chemicals, minerals, chopped fiberglass, microspheres, regrind, pellets, tobacco and other friable materials.