

SolidsFlow™ Model 7000 Fibrous Feeder

- Excellent for feeding wet chopped fiberglass
- Consistent uniform flow without material degradation
- No moving parts lower maintenance requirements
- A natural mass flow feeding device that handles difficult to feed materials



Application

The SolidsFlow™ Model 7000 fibrous feeder was designed to solve the problems typically associated with feeding chopped fibrous materials. These challenges primarily stem from the material's poor flow ability and tendency to clump or bridge inside the hopper. The unique design of the Model 7000 helps eliminate those problems, resulting in more uniform flow and greater accuracy.

Operating Principle

The SolidsFlow™ Model 7000 is a mass flow vibratory feeder that makes use of special feed tray designs based on empirical testing of the material(s). These uniquely designed feed trays operate with the use of a vibrating drive. By utilizing the natural matting effect of the fibrous materials, the feeder is able to seal the material within the feed tray preventing flow when the drive is turned off. No spillage. No run-on.

When the unit is turned on, high frequency, horizontal motion applied to the feed tray produces a consistent uniform flow without damaging the integrity of the fiber.

Features and Benefits

- No material arching
- Minimizes "clumping"
- No flow-aid devices needed
- No moving parts
- Easy to clean
- No or few spare parts
- Low maintenance
- No material degradation
- Natural mass flow feeding device
- No material segregation
- Simple to use

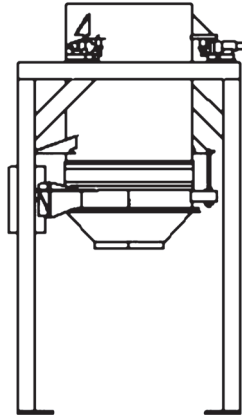
Fibrous Materials Fed

- Chopped fiberglass (wet or dry)
- Carbon fibers
- Cotton fibers
- Chopped steel wool
- Flock fibers
- Graphite fibers
- Mineral wool
- Polyester fibers
- Regrind
- Wood pulp & chips
- Wheat & straw fibers

Building Fiber Feeding Systems To Your Specifications

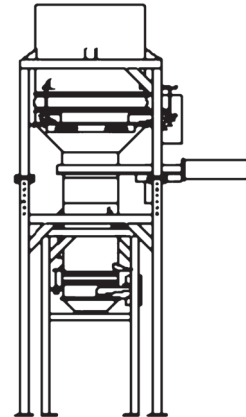
Whether your fibrous materials are packaged in Super Sacks, Gaylord's or 50-pound boxes, Coperion has the fiber feeding system that will meet your needs.

Continuous or Batch
Loss-in-Weight Fiber Feeder



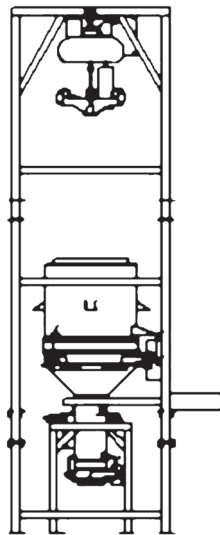
- Feeds a large variety of fibrous materials
- Easy installation
- Delivers a reliable, uniform continuous flow or a precise batch

Continuous or Batch Loss-in-Weight
Fiber Feeder with Refill Feeder



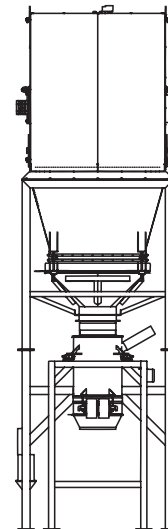
- Requires fewer refills, saving time
- No material degradation
- Natural mass flow feeding device

Loss-in-Weight Fiber Feeding System
with Bulk Bag Discharging Unit



- Complete bag emptying through "Posi-Flow" adaptive bag agitation
- Height adjustability makes system space efficient
- Modular design for easy system customization

Loss-in-Weight Fiber Feeding
System with Box Dump Refill Unit



- Automatic refill system
- Can load large quantities of fibrous materials at one time
- Complete dust containment

Coperion

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