

## Powder and bulk solids handling equipment



### Helix™ flexible screw conveyors

Ideal for transferring finely divided, free-flowing bulk materials over distances up to 40 feet w/capacities up to 1500 CFH. 2" to 8" sizes. Features simple maintenance with only one moving part. Available in carbon/ stainless steel and polyethylene construction. Standard, Sanitary, FDA and USDA certification for use in dairy grading branch facilities.



### Tubular drag conveyors

This fully enclosed system efficiently and gently moves even the most tenacious material (dry, wet, hot or cold). Allows multiple inlet and discharge ports, comes in a choice of flight materials, from 3" to 10" diameter. A diverse selection of layout configurations are available.



### MiniVac™ pneumatic conveyors

Ultra compact and efficient unit fits in where others won't. Features an easily maintained cartridge filter system with a reverse air pulse system to maintain efficient, continuous operation. Can be easily integrated with processing equipment and into just about any plant layout. Standard, Sanitary, FDA and USDA finishes are available.



### Bag dump stations

Internal cartridge filtration system keeps dust, generated during dumping, confined within the process. Automatic, reverse air-pulse keeps material build up off filters to allow maximum operation efficiency. Available with integral bag compactor for better housekeeping. May be equipment or hopper mounted with hoppers/ options tailored to your needs.



### Bulk bag unloaders

Provides numerous features to allow complete and safe control over your bag unloading operation. Options include total dust control, bag agitation, lump breaking and extremely accurate batch weigh systems. Available with either fork lift or hoist and trolley bag loading. Can be used with any of Hapman's three conveyor choices.



### Bulk bag fillers

Easy access filler provides numerous features to allow complete and safe control over your bag filling operation. These features include guarded weigh sensors, motorized bag lifting/ lowering, venturi bag liner pre-inflator/de-aerator, traversing rear hook release, bag agitation plus much more. Choice of standard conveyor feed or adapted for drum filling.



### PosiPortion™ feeders

External agitation of flexible polyurethane hopper walls assures consistent flooding of the dosing screw, without agglomeration, segregation or degradation. This same feature makes it easier to clean, change over and maintain. Solid steel tube frame construction provides stable platform capable of supporting refill equipment. PLC based open architecture controls makes commissioning easy and eliminates time spent waiting for costly proprietary hardware, if replacement parts are needed.

*"Only Hapman offers Performanteed™, the first and only true performance guarantee in the industry. We guarantee that our equipment will achieve the specific results for which it was designed and manufactured. If it doesn't, we'll revise, repair or make whatever changes necessary. Performanteed."*

Ned Thompson, president, Hapman

