



Filling · Dosing

PTS Feeder

- Adapted for dosing a wide range of products
- Single operation, emptying, filling and dosing
- Optimal for equipment with limited head room
- CIP
- No requirement of dosing valve
- Accurate
- Single filling station for multiple discharge point
- Contained

PTS Feeder

The PTS-Feeder* provides a single step solution for emptying process equipment and filling with accuracy bags, drums and big bags.

The system operates on the same principle as the PTS Powder Transfer System, but without pressure, filling both large and small receptacles. Combining speed with precision, a two speed system transfers the bulk of the powder rapidly. The discharge of the Feeder is effected by vibration and accurate dosing is guaranteed by an adjustable piston valve at the outlet. This device discharges most equipment into a wide range of different types of packaging, proving particularly effective when space above or below the equipment is limited.

The PTS Feeder is highly flexible and mobile, permitting an easy integration into existing process areas. Additional benefits are enjoyed when its one step operation results in eliminating conventional feed hoppers and intermediate silos.

Design

- AISI type 316L stainless steel, electro-polished
- Standard PTS Feeder models: 200/150, 150/100
- Electric motor 0.18 kW
- Special butterfly valves, easily dismantable
- ATEX zone 1/21

* Patent pending

Features

- Empties several types of equipment (dryers, centrifuges, etc.)
- Optimal for dosing difficult products (fine, sticky, bridging, etc.)
- No requirement of intermediate hopper and dosing valve
- Integrated venting filter
- High transfer rate
- Precise powder dosing <20 g
- Discharges with limited space above and below
- Contamination free dosing and filling of bags, drums or FIBCs
- High containment level (<1µg/m³) in combination with the DCS Drum Containment System
- Protects operator and product
- Operates under inert conditions
- Cleaning in place
- GMP compliant

Options

- Other materials available (Hastelloy, etc.)
- Double inlet
- Other sizes available

