

# Bulk Solids Handling Big Bag Filling



- Modular design, easy upgrading
- From simple to fully integrated system
- Custom-made design
- Adaptable to various big bag types
- Safe handling of toxic and explosive powders
- Dosing by gravity or by using PTS Powder Transfer System® and DosiValve®
- Various levels of containment
- Minimized product loss
- ATEX zone 1/21
- CIP



High Containment



Operator Safety



Contamination Free



Easy Cleaning



# Bulk Solids Handling Big Bag Filling



Dec's Big Bag Filling Stations are modular. This ensures easy adaption to product characteristics. The appropriate docking system can be selected, whether the material is non-potent or highly active.

From the dust-free Inflatable Seal System to the high containment DCS® Docking System (OEB 4-5), Dec has developed a range of docking possibilities meeting the different containment and GMP requirements. The choice of the right system strongly depends on the level of containment to be achieved.

Filling can be done either by using gravity, when sufficient height is available, or in a remote place when head room below the equipment is lacking, or when several process equipment are to be emptied through one single filling station. In this case, the powder will be transferred by using the PTS Powder Transfer System®

and accurately dosed by adding the Dosi-Valve® system.

## Features

- Big bag filling by gravity
- Big bag filling by active transfer via PTS Powder Transfer System®
- From single to fully integrated stations
- Covering chemical and pharmaceutical design
- Various docking heads depending on powder toxicity up to OEB 5 materials
- Various construction materials and holding frames
- One single station to discharge various equipment
- ATEX zone 1/21

## Options

- Mill or sieve integration
- Weighing system

- Venting filter with inflate and deflate functions
- Metal detector or separator
- Roller conveyor with vibration, if required
- Sampling
- Combi-station for big bag / drum filling
- CIP System



Big Bag Filling Station featuring high containment DCS® Docking