

# Big Bag Filling and Emptying: Powerful, Clean, and Economical



endeco is an expert in sustainable, high-performance procedures for big bag filling and emptying. We implement your system with high-quality materials and detailed solutions that comply with your tasks in order to economically meet your requirements for the long term.

## **Big bag emptying: even bad flowing goods are optimally discharged**

- Discharge aid for difficult products: pneumatically actuated rockers or vibration frame
- Manual or pneumatic connection of the big bag outlet
- Pneumatic re-tightening of the big bag outlet for continuous emptying
- Gravimetric detection via load cells possible – optional dosing in downstream processes
- Dust-free emptying

## **Tailored to your needs – designs and options:**

- Designed according to ATEX requirements in zone 20/21/22
- Material S235 JR or stainless steels 304 or 316L
- Compliant with GMP, FDA, and EU 1935
- Materials: all common stainless steels for product-contacting parts
- Partial emptying possible
- Explosion-proof design
- Special sizes
- Bag or barrel emptying units can be combined
- Height-optimized versions for low ceiling heights
- Filter system for dust recirculation into the process – minimized material loss during emptying



**Ideal for products from the food, chemical, pharma, construction materials, and concentrate sectors.**

 **Endeco**  
engineering · design · construction



## Bespoke big bag filling: fast, reliable, ergonomic

### Tailored to your needs – designs and options:

From the many options available, we develop the unit that is right for you. For example:

- Simple filling rack design with manual actuated connection and filling detector
- Filling rack with floor scale and manual actuated safety hooks
- Filling rack with floor scale and pneumatically actuated safety hooks for optimum ergonomics
- Filling rack as hanging scale with pneumatically actuated safety hooks
- Calibratable scale design possible
- Scale integration in process control system
- Product identification can be integrated via barcode reading system

- Removal of the big bags by pallet truck, forklift, or automated via a roller conveyor system
- For clean room use – roller conveyor system for palletizing the big bags outside the clean room
- Filling rack with big bag inflator device
- Explosion-proof design as required
- Adapter for sack or drum filling can be integrated
- Designed according to ATEX requirements in zone 20/21/22
- Material S235 JR or stainless steels 304 or 316L
- Compliant with GMP, FDA, and EU 1935

Get in touch with us – we would be glad to advise you.

