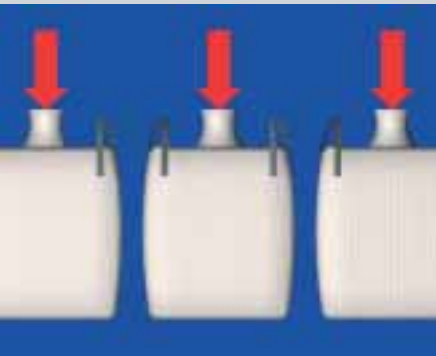


Big bag filling systems from AZO:

Reliable solutions with all the benefits of a system

6201 SYSTEMS



- Maximum operator friendliness
- Dust-tight filling
- High operational safety
- Easy to clean
- Optimum system quality
- Low maintenance costs





Flexible modules, individual solutions

Reduced personnel costs, less packaging waste, lower disposal costs, easy handling: In recent years, the big bag has become a permanent fixture in bulk goods handling due to its suitability as a cheap and practical container for conveying and storage. With the powerful filling systems from AZO you can achieve optimum benefits from big bags for your production processes.

There is a big bag filling system based on our intelligent, modular components for every requirement, designed exactly according to your specifications. Food and pharmaceutical versions are also available, for both low and high

levels of throughput. Flexibility is key. Our flexible filling systems allow you to respond rapidly and easily to different sizes of big bags, irrespective of their height, width or length.

As a reliable partner for raw material and process automation, we offer a range of solutions for filling big bags. These solutions are distinguished by their high level of reliability and operator-friendliness.



Pneumatic filling without weighing



Big bag filling with floor scales



Filling PVC dryblend: The big bag with pallet stands on a floor scale, dosing screws take care of dosing



Your AZO advantages

- Ergonomic handling
- Fast filling
- Safe ventilation
- Flexible adjustment to the height, width and shape of different big bags
- Automatic filling design if required
- Intelligent modular technology
- Optimum solution for any requirement
- ATEX-compliant solutions if required

Filling systems tailored to requirements from visual to calibratable

Volumetric filling systems

Different tasks make different demands on accuracy of level control. For internal big bag handling, simple and low-cost volumetric filling systems are the best option. Levels are checked either visually by the operators or by a level indicator in the filler head.

Gravimetric filling systems

- Floor scales
 - Filling with coarse/fine dosing until the specified weight is reached
 - Free accessibility allow the big bags to be changed rapidly
 - Calibrated filling possible
- Hanging scales
 - The scales are integrated in the hanging equipment of the big bag
 - Coupling with dosing device
 - Version without ground contact
 - Calibrated filling possible if required
- Upstream scales
 - The product is first weighed on upstream hopper scales and then emptied into the big bag
 - High filling grade and optimum stability due to fast filling
 - High throughput due to big bag change parallel to weighing
 - Calibrated filling if required



Big bag filling with overhead scales



Automatic filling systems with hanging scales



Big bag filling with weighing in advance allows very high throughput capacities



The upstream scales allow big bags to be weighed and changed in parallel, thus saving time

Smart details for greater ergonomcy and economy

Perfect docking

Dust-free and operator-friendly: Depending on the requirements, the big bag inlet can simply be pulled over the filling spigot and clamped into place with a sack buckle. Any dust created is sucked away by a suction spigot.

Alternatively, the filling spigot can be equipped with an inflatable collar which is filled with compressed air and forms a dust-tight connection with the inlet of the big bag and the filler.

Unambiguous identification and full documentation

Identification methods, such as barcodes and RFID ensure that the filled big bags are clearly identified and provide full documentation for subsequent processing.



Inflatable collar deflated



Inflatable collar inflated



Operating terminal with touch screen

Secure stand

for all sizes of big bags

ranging from simple hooks to pneumatically controlled loop holders: All AZO mounting systems can be adjusted vertically and horizontally and can be adapted to all common big bag sizes.



Hanging loops allow big bags in different sizes to be accommodated.



Automatic big bag filling system



AZO also offers efficient solutions for discharging big bags.

AZO GmbH + Co. KG
D-74706 Osterburken
Tel. +49 6291 92-0
Fax +49 6291 92-9500
info@azo.de, www.azo.de