AZO standard feeding hopper type ET...RF with integrated pre-screener and vibration discharge

Intensive dust extraction with generously sized filters

Ergonomic bag handling

Dust-free bulk materials feeding

Reliable vibration bottom discharge

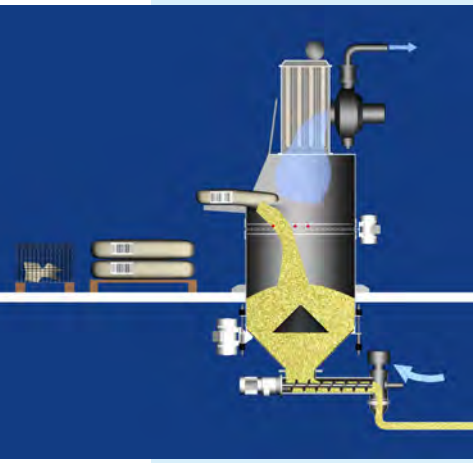
Preferred applications

Feeding of powdery or granular bulk materials and feeding into closed material handling or pneumatic conveying systems. AZO standard feeding hoppers can be used for foodstuffs, plastics, chemicals and pharmaceuticals with highest requirements, because of the availability of different materials and surface finishes.

Special advantages

- Round and sturdy
- Without dead corners
- Availability either in epoxy-coated mild steel or in stainless steel with 6 different surface finishes
- Individual filter or central dust extraction by vacuum
- Option of integrated vibration pre-screen
- Discharge of flow-resistant materials can be supported by rapper, vibrator, vibration bottom or by fluidizing
- Outlet optimally adaptable to downstream systems

THE INNOVATION



Design

AZO standard feeding hoppers are available in two different material versions- mild steel or stainless steel with six different surface finishes. The feeding hopper is equipped with a tight-closing, lockable cover with vacuum valve, a gas pressure spring for fixing the cover as well as a grid and a bag support. Claw supports are used for erection, which are designed according to the building situation. The hoppers are available either with mounted filter or with central aspiration. A vibration pre-screener is integrated for entry control. The hopper outlet is equipped with a flange for downstream systems like rotary feeders, screeners etc. Discharge of flow-resistant products can be supported by using a rapper, vibrator or vibration bottom or by fluidization. The execution highly depends on customer requirements, material used and situation on site.

AZO® SOLIDS

6030 1034 GB

Optional accessories

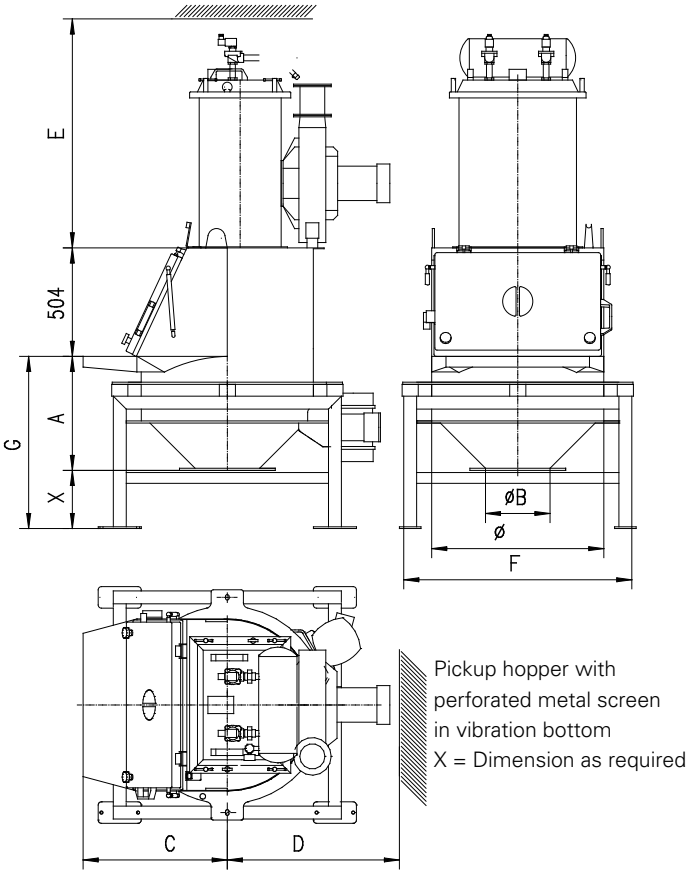
Big bag connecting system
For even higher flexibility, the feeding hopper can be equipped with a big bag connecting system. On hoppers with mounted filter, the big bag is connected laterally.

with integrated filter
Advantage: the sucked-off dust settles back into the hopper.

Empty-bag compacting system
After residue-free emptying, the bags are inserted into a system beside the hopper, where a pneumatic cylinder compresses them into a compact bundle in a sack.

with central aspiration
Economical, because several hoppers are connected to a common filter.

Technical data



Pickup hopper with perforated metal screen in vibration bottom
X = Dimension as required

How it works

When opening the cover aspiration starts automatically. The bag is placed on the pick-up table, opened and emptied into the closed system by the operator, causing minimal dusting. If a mounted filter is used, the filter dust settles back into the hopper; with a central filter station, small amounts of dust are sucked into the central filter, where they are collected. The concept, which is most economical, is depending on the particular task customer requires.

Type	Ø	A	B	C	D	E	F	G
ET 50 R	500	425	Ø 250	520	---	---	700	425 + X
ET 150 RF	800	530	Ø 305	670	800	1500	1060	530 + X
ET 250 RF	1100	700	Ø 305	822	900	1500	1400	700 + X

AZO GmbH + Co. KG
D-74706 Osterburken
Tel. +49 (0)6291 92-0
azo-solids@azo.com
www.azo.com