



Cleaner, more efficient bag opening

The BagBuster[®] bag breaker is a compact system for manually opening bags in an efficient and clean manner. The system includes a self-contained exhaustor, cartridge dust filter and process hopper.

A downdraft design is utilized to pull any dust laden air generated during bag breaking away from the operator. The dust is then separated by the filter and dropped back into a process hopper, assuring all material is used.

The system pays for itself by lowering production costs and improving product yield.

Simple, effective design

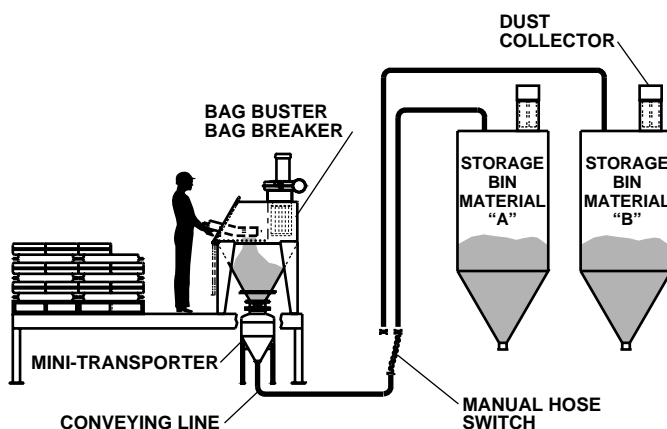
An integral feature of the BagBuster bag breaker is the front access door. The access door is provided to maintain product integrity by preventing foreign substances from being inadvertently introduced into the process. The easy opening door drops down for bag breaker operation and can be closed when not in use.

The filter cartridges are readily accessible from the front, making replacement both fast and easy. In addition, the exhaustor and all working parts are easy to access for maintenance.

Features

- Compact, self-contained unit
- Easy filter removal
- Solid state sequencing timer
- Heavy duty construction
- Removable bar grating
- Access door
- 99% + efficiency
- Full recovery of process material

Typical Application

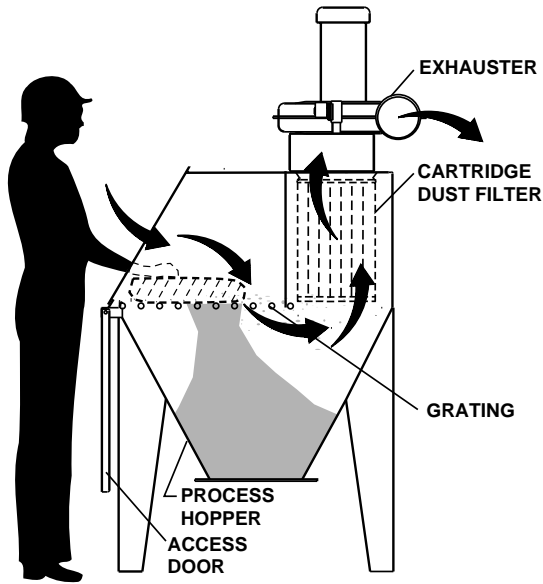


The BagBuster bag breaker handles

- | | |
|---------------------|------------------|
| ■ Alumina | ■ Gypsum |
| ■ Ball clay | ■ Iron oxide |
| ■ Barite | ■ Kaolin clay |
| ■ Bauxite | ■ Lime |
| ■ Bentonite | ■ Milk powder |
| ■ Borax | ■ PVC resin |
| ■ Calcium carbonate | ■ Quartz |
| ■ Cement | ■ Silica sand |
| ■ Feldspar | ■ Soda ash |
| ■ Fine coal | ■ Sodium sulfate |
| ■ Flour | ■ Sugar |
| ■ Fluorspar | ■ Talc |
| ■ Fly Ash | ■ And More |

How the BagBuster bag breaker works

While the operator manually breaks the bags, negative air pressure pulls air through the grating, away from the operator. This air, which may contain fine dusty material, passes through a replaceable cartridge filter to separate the material from the air. The cartridge filter is periodically and automatically cleaned using reversed jet pulsed air. The clean air is then exhausted into the atmosphere, and the collected material is saved and dropped back into the process hopper.



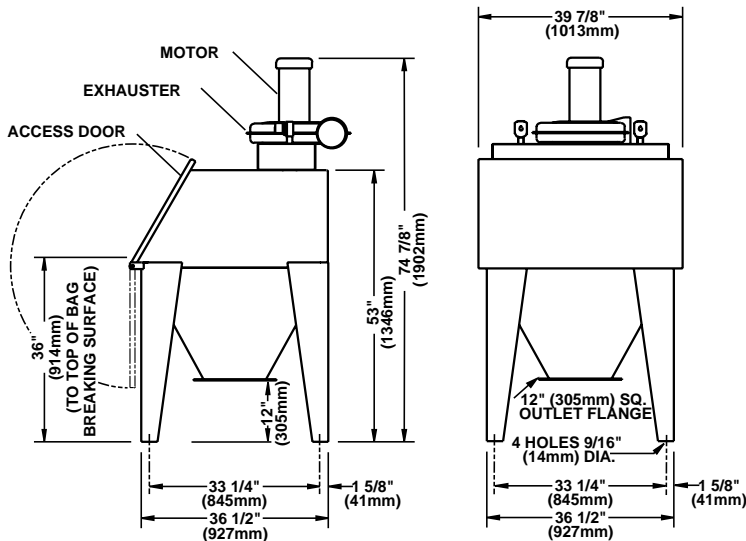
Construction features

Mild steel construction is standard. The BagBuster bag breaker is complete with 1 HP exhauster and timer controls for automatic filter cleaning. Outlet flange shown is standard.

Options

- Explosion-proof design
- Differential pressure gauge
- Special finishes and coatings
- Stainless steel construction
- Hopper aeration system
- Special discharge flange
- Leg extensions
- Bag compactor
- Barrel dump attachment
- Bulk bag unloading attachment
- Increased filter capacity
- Larger fan sizes
- Larger inlet openings

Dimensions and Specifications



Specifications subject to change without notice.

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Engineering Data		
Exhauster	600 CFM at 84 dbA	1019 CMH at 84 dbA
Filter Area	100 square feet	9.29 square meters
Hopper Capacity	5 cubic feet	.14 cubic meters
Shipping Weight	500 lbs.	227 kgs
Motor	1 hp T.E.F.C.	.75 kW T.E.F.C.
Air Supply	4 SCFM at 80 PSIG	6.8 SCMh at 551.6 kPa
Operating Voltage	110 volt 50 hertz, 120 volt 60 hertz 220/440 volt 3 phase 60 hertz	



Access door open

Access door closed

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Conveying Systems

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