DustBuster XXL

A compact, self-cleaning nozzle filter to reduce dust

Only available at Big Dutchman Scandinavia

- Low operating and maintenance costs
- Easy to mount on both new and existing milling plants and limited space requirements
- Little time required for operation and maintenance
- Reduces dust and moisture in the milling plant
- Available in two versions: Vacuum and Pressure

DustBuster XXL Vacuum

DustBuster XXL Pressure

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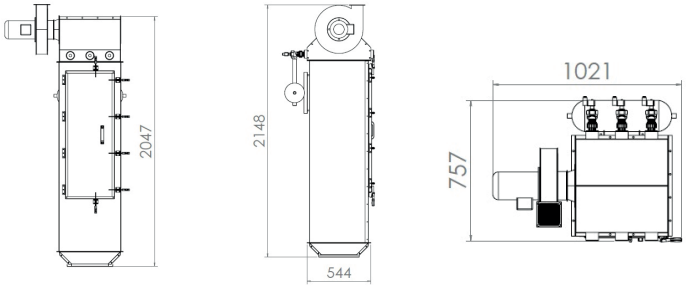
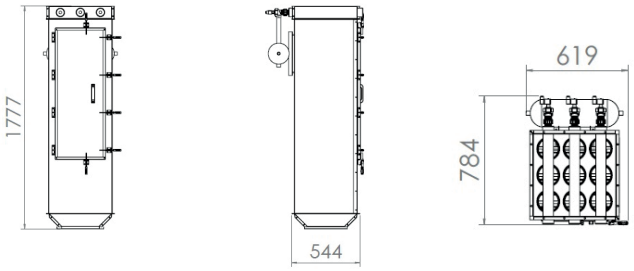
DustBuster XXL

Drawings with measurements



DustBuster XXL Vacuum



DustBuster XXL Pressure

Technical data

Description	Vacuum	Pressure
Height	2148 mm	1777 mm
Depth	544/757 mm	544/784 mm
Width	1021 mm	619 mm
Filter capacity, up to	1600 m^3/h	1600 m^3/h
Weight	approx. 72 kg	approx. 62 kg
Motor	0.75 kW	

Design

The self-cleaning nozzle filter DustBuster XXL is available in two versions, Vacuum and Pressure. The DustBuster XXL consists of nine individual filters in a galvanized steel cabinet.

Function

To avoid positive pressure and dust problems, the DustBuster XXL removes excess air from the mill. The filter is placed directly behind the mill(s).

The excess air, heads through the filter's nine fiber bags that have reinforced bottoms and are supported by suspended spirals to prevent collapsing. The filter collects the dust from the MBM mills.

The filters are cleaned with compressed air that is released with an explosion-like force. The particles are thereby forced out of the filter the same way as they entered. This way the dust is returned to the feed process.

Pressure: The air is pressed through the filters by the mill itself. A rotary valve ensures that the pressure does not move further in the plant.

Vacuum: Ensures a zero pressure plant, where the suction nozzle removes the same amount of air as the mill(s) produces. This can be an advantage if there is limited space available, as the plant requires less overall height when using the DustBuster XXL Vacuum. The negative pressure also reduces the discharge of dust into a bigger part of the plant.

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