



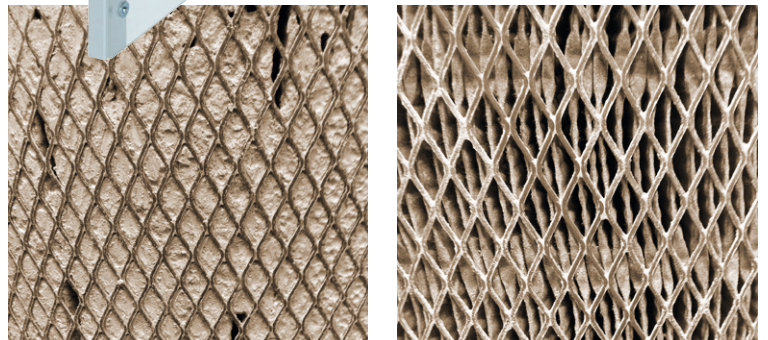
Air filter blow-out unit M-AIR-217-1000

The innovative and sustainable way to remove dust, granules and other particles from air filter cartridges

Air filters are installed in many vehicles (excavators, dumpers, wheel loaders, bulldozers, trucks, etc.). Air filters filter the combustion air of the engine or the air for the driver's cab.

These vehicles are used in the following industrial operations: mining (open pit, underground), gravel works, gravel plants, cement works, concrete works, gypsum works, smelting works, as well as in the plastics processing industry, for example.

Due to the dusty environment, the air filters become dirty and must be replaced regularly. It is more economical and sustainable to clean the air filters professionally and automatically without damaging the material.



The new blow-out unit **M-AIR-217-1000** uses a specially developed and manufactured blowing nozzle to blow the dust from the inside to the outside. Air filters can thus be cleaned regularly in a safe manner.

Handling is simple.

The cleaning process is fully automatic.



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M-AIR-217-1000

Design

The blow-out unit is rectangular in design. There is one door for maintenance and for operating the blow-out unit. The control cabinet for the pneumatics and the pneumatic drive are mounted on the side. The unit can be fixed to the floor at several points.

- The blowing nozzle is located in the upper part of the blow-out unit and can be moved up and down by the pneumatic drive via a compressed air hose.
- In the middle section, the air filter stands on a grate.
- The lower section contains a dust collection container and suction nozzle for industrial vacuum cleaners.



Cleaning procedure

- Position the air filter on the grate and close the door.
- Adjustment of the cleaning area via adjustable limit switches on the pneumatic drive.
- Switch on the industrial vacuum cleaner to extract the dust mist.
- Start cleaning.
- The blowing nozzle moves into the air filter. The dust is blown out of the filter medium and falls down into the dust collection container.
- The blowing nozzle moves to the very bottom, reverses, and moves upwards to the top of the air filter. This process is repeated for 6 minutes. After this time has elapsed, the blowing nozzle stops and is moved out of the air filter manually.
- Switch off the industrial vacuum cleaner.
- Remove the cleaned air filter.



Cleaning takes place from the inside to the outside - dirt and dust go back the way they came.



Blow-out unit: M-AIR-217-1000

The following air filters, cylindrical design, can be blown out:

Height: max. 1000 mm
Outside diameter: max. 540 mm

find out more:



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