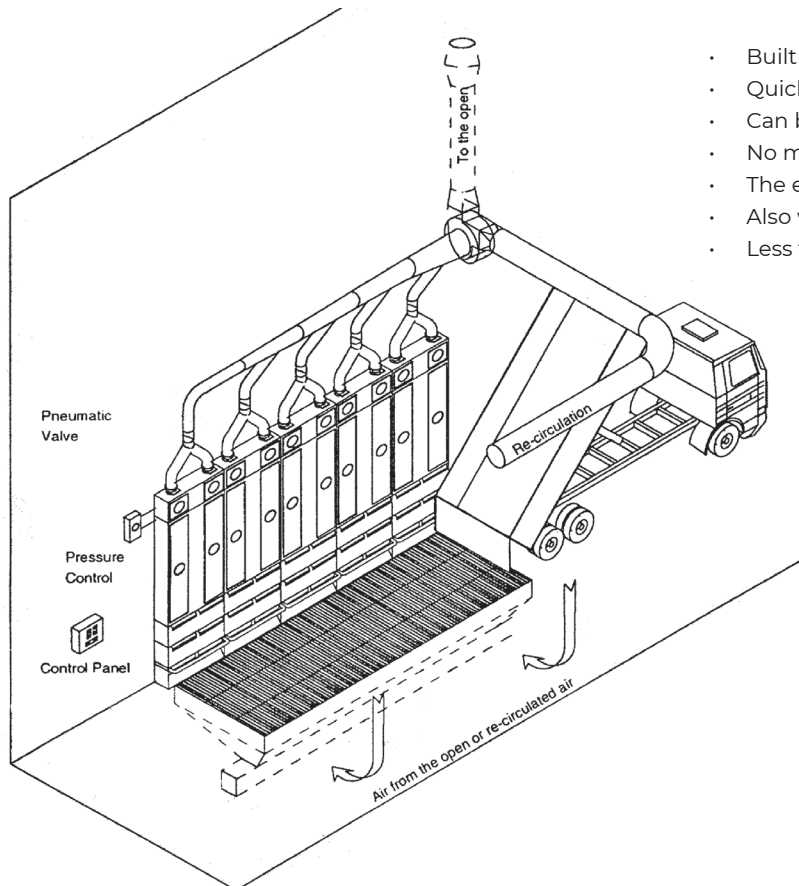


Exhaust System for Intake Pit

GENERAL

Designation	Intake Hopper
Model	Exhaust System for intake pit
Use	Industry
Application	For trucks and/or rail wagons. Available for dust aspiration/suppression system. Self-emptying design. With or without agitator and screw discharge for products that do not flow easily.



- Built up modules, fits all kinds of intake pits.
- Quick erection.
- Can be mounted on wall or floor.
- No material in the pipe connections.
- The exhausted material goes back into the intake pit.
- Also works with material above intake pit gratings.
- Less than 1 mg solids per m³ in the re-circulated air.

Dust-line jet filter for efficient dust exhaust from intake pit.

The dust-line filter is built of heavy galvanised steel plates, which are bolted together to a unit. The unit is designed for filtration of different kinds of dust.

The dusty air is evacuated into the exhaust hopper where it is led up in the filter module. The dust particles are strained off at the outside of the filter bags while the cleaned air is evacuated through the ventilator to the open or is being re-circulated.

The filter bags are cleaned from the inside with compressed air, which flings the bags open and blows off the dust. The filtrated dust which is "resting" at the outside of the filter bags then slides back into the intake pit grating.

The compressed air impulses are controlled from an electric control panel, which can be adjusted to clean all filter sections module by module during operation as well as during an adjusted period when the actual loading has stopped. The consumption of compressed air can be limited if the plant is equipped with a difference pressure control.

A pneumatically controlled valve can be mounted at the exhaust pipes to cut off the air exhaust when compressed air is used for cleaning in the filter section. This solution should always be used in connection with installations where there is no time to clean the filter bags between the various loads. The filter bags are disconnected from the clean air side and taken out through the door at the front of the filter module. Two types of filter modules can be delivered: S=single and D=double. The S type has 7 filter bags and type D has 14 filter bags - both types can be delivered with filter bags lengths from 1 000 to right 3 500 mm.