



DISAB Filter Unit BEAL

Usage

BEAL is a series of mobile filter separator units designed to handle large volumes of material, to be handled by ro-ro vehicles and shall be connected to a vacuum unit to complete the system.

The vacuumed material is first separated in a specially designed fall chamber with a wear proof pre-separator inlet. In this section heavier particles will fall by gravity to the bottom of the container. From this section the air will be transported to the main filter section where any remaining fine dust will be separated. No specific foundation work is required, and the unit is easily moveable if space is required for any other purpose.

Characteristics

For use in any industrial application where collection of dust is required i.e. to clean out; deep pits, trenches, bucket elevators, conveyor spills, overhead cranes and runaways, dust collectors, processing machines etc. The unit is especially suitable where bulky or sticky material shall be collected due to the convenient discharging.

Benefits

DISAB BEAL is to be used in any industrial application where reliable filters are requested for separation of dust or material.

Other benefits include:

- Rigid design for industrial use
- Designed for high vacuum systems
- Filter system which can handle dry and wet material
- Large dust bins, options from 6 to 12 m³
- Large tail gate door for discharge of material
- Automatic filter cleaning without compressed air
- Several options for filters and other accessories
- No dust valves or other moving parts involved, securing high availability factor and low maintenance costs.

Technical Data Chart for DISAB filter separator BEAL

Description

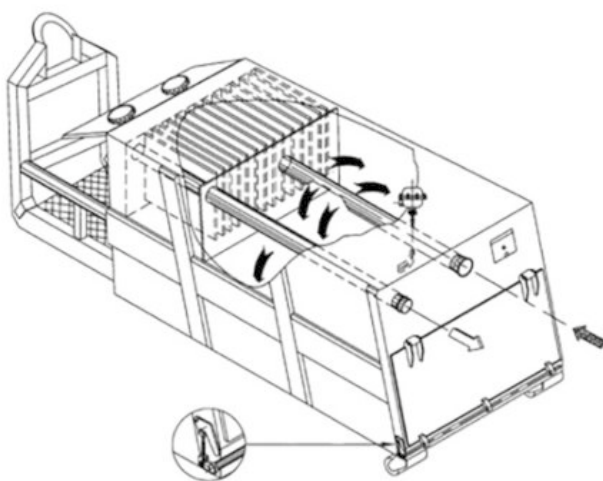
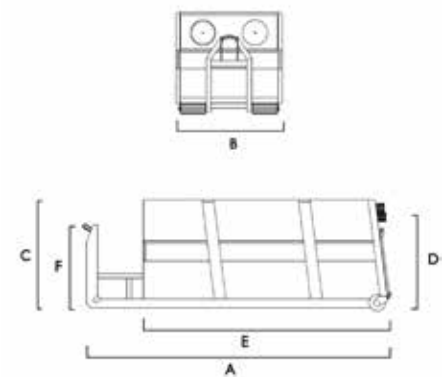
Max vacuum, mbar	500	Filter surface, (m ²)	15 (15.8, 15.10, 15.12) 23 (23.7, 23.9, 23.11)
Dustbin volume, (m ³)	8 (15.8) 10 (15.10) 12 (15.12) 7 (23.7) 9 (23.9) 11 (23.11)	Clean air Connection, dia. (mm)	1 x 152 (15.8) 1 x 152 (15.10) 1 x 152 (15.12) 2 x 152 (23.7) 2 x 152 (23.9) 2 x 152 (23.11)
Dust Inlet connection dia. (mm)	152		

Miscellaneous

Filter class	L, M IEC EN 60335-2-69	Painting	System C2, RAL 3003 red
Material	Steel S 235 JG2		

Weight and Dimensions

A x B x C x D x E x F (mm)	6,270 x 2,080 x 1,880 x 1,740 x 3,590 x 1,450 (15.8) 6,270 x 2,080 x 1,880 x 1,740 x 4,290 x 1,450 (15.8) 6,270 x 2,080 x 1,880 x 1,740 x 4,990 x 1,450 (15.8) 6,270 x 2,080 x 1,880 x 1,740 x 3,590 x 1,450 (15.8) 6,270 x 2,080 x 1,880 x 1,740 x 4,290 x 1,450 (15.8) 6,270 x 2,080 x 1,880 x 1,740 x 4,990 x 1,450 (15.8)
Weight, kg (approx, excl. frame)	2,390 (15.8) 2,810 (15.10) 3,150 (15.12) 2,390 (23.7) 2,810 (23.9) 3,150 (23.11)



Absorbed material first enters the filter separators settling chamber, where heavier materials are separated into a special wear part and fall directly to the bottom of the dust container.

BEAL meets the high demands from the industry due to its efficiency, reliability, ease of operation and maintenance giving excellent value for money.