



DISAB SEBF-I

Usage

DISAB SEBF-I is an electrical powered vacuum unit suitable for general cleaning and bulk suction in any industrial application where high capacity is required together with flexibility, mobility, reliability, and low noise level.

Together with a fixed pipe network this is a perfect central unit for smaller industry installations, but can also operate as a single suction unit using a 3" or 4" hose. Typical users include manufacturers of cement, lime, gypsum, tiles, chemicals, steel mills, cleaning contractors and more.

Characteristics

The DISAB SEBF-I is mounted on a solid metal frame with telescopic legs. To increase the pick-up capacity of this suction unit, it can work in conjunction with pre-separators i.e. vacuum skips.

Due to its flexibility the unit gets access to most areas where cleaning needs to be carried out without the use of a fixed pipe network, and for material that shall be recycled or collected in bags and similar.

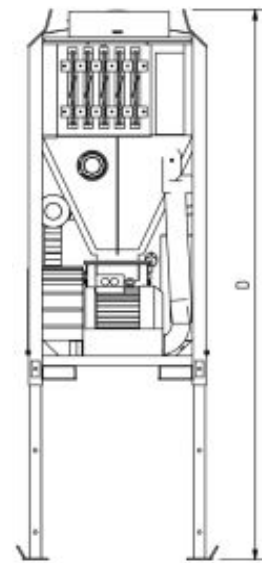
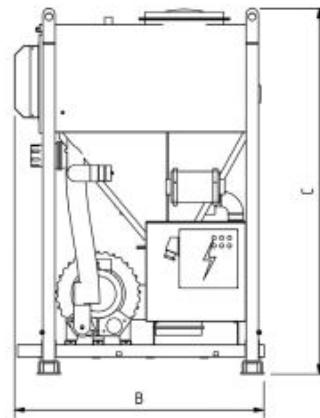
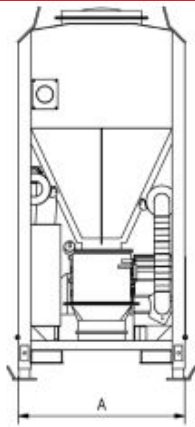
Benefits

The high suction capacity together with its flexible discharge system makes a DISAB SEBF-I very useful in most vacuum cleaning situations.

Other benefits include:

- Rigid design for industrial use.
- Filter system for dry and wet material.
- Automatic filter cleaning without compressed air.
- Several options for filters and other accessories.
- Engine power ranging from 12.5 to 16.5 kW.
- Control panel placed in dust-tight enclosure.
- Telescopic legs adjustable in height to fit most dust receivers.
- Optional discharge system for continuous discharge and closed handling.
- High capacity using a Roots pump (turbo).
- The vacuum pump is equipped with a spring loaded safety valve regulating the vacuum not to exceed its maximum operating range.
- An exhaust silencer secures low noise operation.
- The filter system is equipped with a vacuum controlled ATM (air-repulse) filter cleaning system.

A DISAB SEBF-1 meets the high demands from the industry due to its efficiency, reliability, ease of operation and maintenance giving excellent value for money.



Technical Data Chart for DISAB SEBF-I

Weight and Dimensions	SEBF-I.125	SEBF-I.165
A (mm)	1,200	
B (mm)	1,620	
C (mm)	2,370	
D (mm)	3,370	
Weight (kg, approx)	850	960

Description

Vacuum pump	Three-Lobe Roots Pump	
Max vacuum, mbar	290	400
Air volume m ³ /h (unloaded)	1,100	
Electrical motor, kW	12.5	16.5
Voltage frequency, V/Hz	400/50	
Power source	Electric	
Tank volume (m ³)* *Excluding filter volume	0.5	
Dust bin	Conical hopper	
Total tank volume (m ³)	1.2	
Main filter system (m ²)	5	
Discharge	Big-bag, hopper, or other bin	
Noise level dB(A) (at 1 m distance)	75	

Miscellaneous

Filter class	L, M IEC EN 60335-2-69	
Hose connection	Dia 108 mm	
Material	Steel S 235 JG2	
Painting	System C2, RAL 3003 red	
ATEX approved	On request: ATEX outdoor execution, ST1, includes closed flap valve.	