



DISAB SEBF-II

Usage

The DISAB SEBF-II 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

DISAB SEBF-II is an electrical powered vacuum unit mounted in a solid metal frame with telescopic legs. To increase the pick-up capacity of this vacuum 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-II 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 30 to 55 kW.
- Control panel placed in dust-tight enclosure.
- Telescopic legs adjustable in height to fit most dust receivers.
- 63/125 amps electrical plug makes the unit usable in most industrial areas.
- High capacity using a Roots pump.
- 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.

Technical Data Chart for DISAB SEBF-II

Description

Vacuum pump	Three-Lobe Roots Pump
Air volume m³/h (unloaded)	1,855 (30) 2,249 (37) 2,617 (45) 3,368 (55)
Voltage frequency, V/Hz	400/50
Tank volume (m³)*	1
Main filter system (m²)	15
Discharge	Big-bag, hopper, or other bin

* Excluding filter volume

Max vacuum, mbar	500
Electrical Motor, kW	30 37 45 55
Power source	Electric
Total Tank Volume (m³)	2.8
Dust bin	Conical hopper
Noise level dB(A) (at 1 m distance)	65 (30) 67 (37, 45) 70 (55)

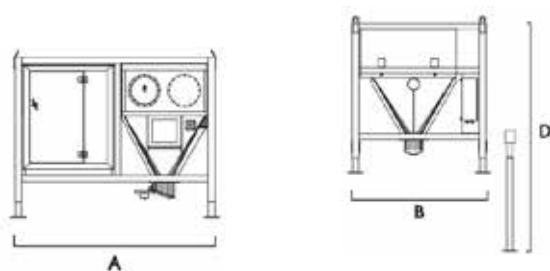
Miscellaneous

Filter class	L, M IEC EN 60335-2-69
Material	Steel S 235 JG2

Hose connection	Dia 152 mm
Painting	System C2, RAL 3003 red

Weight and Dimensions

A x B x C x D (mm)	3,380 x 1,940 x 2,420 x 4,200
Weight, kg (approx)	3,320 (30) 3,350 (37) 3,400 (45) 3,500 (55)



The DISAB SEBF-II vacuum unit is equipped with a mechanical safety valve that opens at the maximum vacuum.

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