



DISAB TrailerVAC™ SDW-3.5T

Usage

The DISAB TrailerVAC™ SDW-3.5T is to be towed by vehicle, especially designed for dust free filling directly into big-bag via valve connection. It should be operated with an up to 5" wide hose connection.

Vacuumed material is transported via a flexible hose to the hopper bin inlet, where all heavier particles fall by gravity to the bottom of the conical hopper bin.

Typical users include manufacturers of cement, lime, gypsum, tiles, chemicals, steel mills, cleaning contractors and more.

Characteristics

A DISAB TrailerVAC™ SDW-3.5T main components include trailer, housing for vacuum pump and diesel engine, hopper bin, filter compartment, hydraulic operated elevating equipment for hopper and control cabinet. It is a great choice for industrial settings where cleaning needs to be done in multiple locations/buildings as it is easy to move from one site the next, accessing into narrow areas.

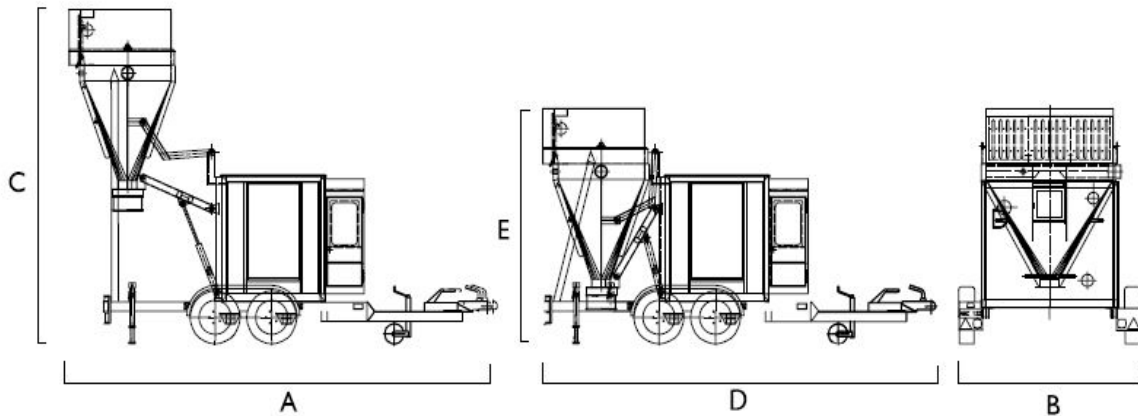
Benefits

A DISAB TrailerVAC™ SDW-3.5T unit is suitable for use in any industrial application where collection of dust is required.

Other benefits include:

- Mobile suction unit for public road transport.
- Dust-free filling into big-bag.
- Filter system for dry and wet material.
- Automatic filter cleaning without compressed air.
- Powered by diesel engine 45kW, Stage III A.
- Easy to operate and maintain.
- Telescopic adjustable legs for flexible dust discharge.
- Low noise level due to insulated housing.
- 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.
- The filter system is equipped with a vacuum controlled ATM (air-repulse) filter cleaning system.

A DISAB TrailerVAC SDW-3.5T 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 TrailerVAC SDW-3.5T

Weight and Dimensions

SDW-3,5T.45

In operation, A x B x C (mm)	5,650 x 2,290 x 4,055
In transport, D x B x E (mm)	5,320 x 2,290 x 2,740
Weight, kg (approx)	3,500

Description

Vacuum pump	Three-Lobe Roots Pump
Max vacuum, mbar	500
Air volume m ³ /h (unloaded)	2,650
Engine power, kW	45
Engine type	III A
Dust bin type	Conical hopper
Tank volume (m ³)* *Excluding filter volume	1
Total tank volume (m ³)	2,5
Tank tipping system	Hydraulic lifting system. Discharge is hydraulically operated and closed.
Main filter system (m ²)	13
Safety filter surface (m ²)	10
Noise level dB(A) (at 5 m distance)	80

Miscellaneous

Diesel tank volume (L)	40
Filter class	L, M IEC EN 60335-2-69
Hose connection	Dia 152 mm or smaller
Material	Steel S 235 JG2
Painting	System C2, RAL 3003 red
Max towing speed	30 km/h
Towing connection	50 mm, steel ball / Towing eye Can be towed by a 3.5 tons vehicle on public roads.

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