



DISAB TrailerVAC™ SDT-20T

Usage

The DISAB TrailerVAC™ SDT-20T units are a series of mobile, diesel powered vacuum loaders that are fitted onto trailer chassis. Suitable for suctioning both dry and liquid materials for any industrial application. When connected to a fixed pipe system, these units can operate as a perfect central vacuum unit for industrial installations.

Typical users include manufacturers of cement, pulp- and paper industry, gypsum, tiles, chemicals, steel mills, cleaning contractors and more.

Characteristics

The DISAB TrailerVAC™ SDT-20T is a great choice for industrial settings where cleaning needs to be done in multiple locations/buildings. The large hopper placed on a trailer for towing by a tractor or similar makes the whole unit easy to transport. The unit can start operating as soon as a hose/pipe is connected.

Also, the handling of the dust is easily carried out as there is a built-in tipping cylinder for the discharge.

Benefits

A DISAB TrailerVAC™ SDT-20T unit is suitable for use in any heavy industrial application where collection of dust is required i.e. to clean out; deep pits, trenches, bucket elevators, conveyor spills, overhead cranes and runways, dust collectors, processing machines etc. The unit is specially suitable where bulky or sticky material shall be collected due to its convenient discharging.

Other benefits include:

- Roots-type high vacuum pump (50-80%)
- Filter system for dry and wet material
- Automatic filter cleaning without compressed air
- Donkey engine
- Engine power 130 or 160 kW
- Large dustbins with tailgate for easy discharge
- 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.

Technical Data Chart for DISAB TrailerVAC™ SDT-20T

Description

Vacuum pump	Three-Lobe Roots Pump	Max vacuum, mbar	800
Air volume m ³ /h (unloaded)	4,600 (130) 6,650 (160)	Engine Power, kW	129 (IV) 168 (III A)
Tank volume (m ³)*	10	Total Tank Volume (m ³)	12
Tank tipping system	Hydraulic front cylinder, double acting system. Tailgate is hydraulically operated and locked.	Noise Level dB(A) (at 1m/5 m distance)	84 (130) 85 (160)
Main filter system (m ²)	24	Safety filter surface (m ²)	27 (130) 36 (160)
ATEX approved	On request		

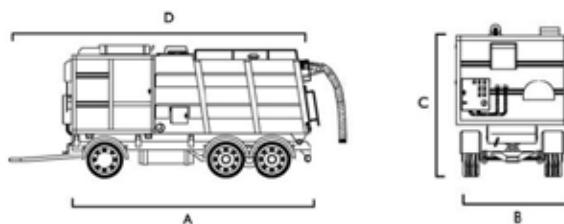
* Excluding filter volume

Miscellaneous

Trailer	21 tonnes capacity	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	40 km/h

Weight and Dimensions

A x B x C x D (mm)	6,650 x 2,455 x 3,300 x 8,500
Weight, kg (approx)	11,450 (130) 12,000 (160)



DISAB TrailerVAC™ SDT-20T is ideal for heavy industries that often have production, raw material handling and packaging scattered throughout several buildings.

A DISAB TrailerVAC™ SDT-20T meets the high demands from the industry due to its efficiency, reliability, ease of operation and maintenance giving excellent value for money.