

# DISAB

THE POWER OF VACUUM



*The vacuum loader is equipped with options.*

## DISAB Vacturion™ DL10

### Usage

DISAB Vacturion™ DL10 is designed for industrial applications suitable for suctioning both solid and liquid materials. Its strong and efficient suction feature makes it appropriate for industries such as cement, lime, chemicals, plastic, foundries, steelworks, quarries, pulp & paper, shipyards, and power stations.

The material is sucked through a 6" hose, accessible at the rear of the vacloader, via an 8" inlet. (Or via a hose boom option.)

### Characteristics

DISAB Vacturion™ DL10 is driven by the truck's engine and has a suction only feature. Its round tank design makes it suitable for handling both wet and dry materials. It is designed to operate as a stand-alone vacloader for work with 6" hoses, but can equally well operate as a central vacuum unit connected to a fixed tube system, facilitating multi-inlet cleaning.

DISAB Vacturion™ DL10 has limited options available. The discharge of materials occur by tipping the tank and the tank tipping system consists of a hydraulic front cylinder, double acting system to make it easy-to-use for the operator.

### Benefits

DISAB Vacturion™ DL10 offers extremely good suction capacity. The suction unit is powered via a well reputed power transmission. Suction power is regulated on the units controls by adjusting the RPM of the truck.

#### Other benefits include:

- The unit is designed for the industrial environment and is easy to use for the operator.
- Sold with extensive DISAB Academy training included to optimize safety and economical value
- Efficient high vacuum pump (>90% vacuum)
- Filter system for dry & wet material with air shock filter cleaning.
- 220 kW, 8,100 m<sup>3</sup>/h suction capacity.
- On board storage of hoses, pipes, and tools
- Hydraulically operated tailgate, tailgate lock and tipping.
- Can be used for multiple applications. Literally anything, dry or wet, fitting into the 6" hose, can be sucked and transported into the container.

# Technical Data Chart for DISAB Vacturion™ DL10

## Description

Vacuum pump	Three-Lobe Roots Pump
Max overpressure, mbar	N/A
Operating speed (rpm)	2,650
Voltage Frequency, V/Hz	N/A
Engine type	N/A
Tank volume (m³)*	9
Tank tipping system	Hydraulic front cylinder, double acting system. Tailgate is hydraulically operated and locked.
Cooling air filter	Cartridge filter
ATEX approved	N/A

Max vacuum, mbar	950
Air volume m³/h (unloaded)	8,100
Power, kW	220
Power source	Truck powered
Tank material	Carbon steel
Total tank volume (m³)	11.7
Main filter system (m²)	70 galvanized cages with filter socks in needed polyester glazed surface. Filter area is 26 m².
Safety filter surface (m²)	34

\* Excluding filter volume

## Core function

Suction	Yes
Blow / eiec	N/A
Transport (ADR)	N/A
Discharge	By tipping the tank
Dry materials	Yes
Wet materials	Yes

## Weight and Dimensions\*\*

Complete unit including chassis (kg)	18,500
Total unit length including truck chassis (mm)	8,700
Total width (mm)	2,500
Height with hose boom (mm)	3,900

\*\* Weight and dimensions are approximate and dependant of chassis and the vacuum unit equipment.



Emptying can be done by adding the function vibrators, which allow the tank to be tipped with support. The tailgate is hydraulically operated.

A DISAB Vacturion DL10, with its 220 kW suction power, meets the industry's high demands on efficiency, reliability, ease of use and maintenance.