



DISAB Centurion™ P14

The vacloader is equipped with options.

Usage

DISAB Centurion™ P14 is designed for industrial applications suitable for suctioning dry 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 energy. The vacloader is designed and adapted for mounting onto a three-axle truck chassis.

Characteristics

A DISAB Centurion™ P14 is driven by the truck's engine and is equipped with a suction only feature. Its square tank ensures the optimum load volume in relation to the length of the truck and possess great flexibility for different applications with multiple add-ons available.

The tank is available in 8 / 10 / 12 m³. 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. The tailgate is hydraulically operated and locked.

Benefits

DISAB Centurion™ P14 offers extremely good suction capacity. The vacuum pump is powered via a split-shaft gearbox which gives a quiet and vibration-free operation with high reliability.

Other benefits include:

- With our effective, self-cleaning filter system, the outside air is completely cleaned at the same time as ensuring good fuel economy.
- The unit is driven by the truck's engine providing a compact high capacity machinery with the highest possible load capacity for a truck mounted unit.
- Sold with extensive DISAB Academy training included to optimize safety and economical value.
- Multiple options available, tailored to your specific needs.
- Operated using a hand held radio for an optimized ergonomical experience for the operator.

DISAB Centurion™ P14 is a truck mounted unit that can transport bulk materials by vacuum through a hose system with a diameter up to 200 mm.

Technical Data Chart for DISAB Centurion™ P14

Core function

Suction	Yes	Discharge	By tipping the tank
Blow / eject	N/A	Dry materials	Yes
Transport (ADR)	N/A	Wet materials	No

Description

Vacuum pump	Three-Lobe Roots Pump
Max vacuum, mbar	950
Max overpressure, mbar	N/A
Air volume m ³ /h (unloaded)	8,100
Operating speed (rpm)	2,650
Power, kW	220
Voltage Frequency, V/Hz	N/A
Power source	Truck powered
Engine type	N/A
Tank material	Carbon steel / stainless steel
Tank volume (m ³)* *Excluding filter volume	8 / 10 / 12
Total tank volume (m ³)	11 / 13 / 15
Tank tipping system	Hydraulic front cylinder, double acting system. Tailgate is hydraulically operated and locked.
Main filter system (m ²)	70 galvanized / stainless steel cages with filter socks in needled polyester glazed surface. Filter area is 26 m ² .
Cooling air filter	Cartridge filter
Safety filter surface (m ²)	34
ATEX approved	N/A

Weight and Dimensions**

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

Complete unit including chassis (kg)	19,300
Total unit length including truck chassis (mm)	8,300
Total width (mm)	2,500
Height with hose boom (mm)	4,000

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