



*The vacloader is equipped  
with add-ons.*

# DISAB Centurion™ P10

## Usage

DISAB Centurion™ P10 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.

## Characteristics

DISAB Centurion™ P10 is driven by the truck's engine and gives a compact high capacity machinery with 9 ton load capacity (chassis and option dependant). Its round tank design makes it suitable for handling both wet and dry materials and possess great flexibility for different applications with multiple add-ons available.

The tank is available in three different sizes; 10 m<sup>3</sup>, 12 m<sup>3</sup>, or 14 m<sup>3</sup>. 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 Centurion™ P10 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:

- Multiple add-ons available, tailored to your specific needs.
- Sold with extensive DISAB Academy training included to optimize safety and economical value.
- Operated using a hand held radio for an optimized ergonomic experience for the operator.
- The material tank and filter compartment are combined and the dust from the filter compartment is emptied through a hatch in the partition wall in the tank at the same time as the tank is tilted up.
- Collected material is discharged by tipping the tank.
- Available for ATEX solutions

# Technical Data Chart for DISAB Centurion™ P10

## 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)*	10 / 12 / 14
Tank tipping system	Hydraulic front cylinder, double acting system. Tailgate is hydraulically operated and locked.
Cooling air filter	Cartridge filter
ATEX approved	On request

\* Excluding filter volume

Max vacuum, mbar	950
Air volume m³/h (unloaded)	8,100
Power, kW	220
Power source	Truck powered
Tank material	Carbon steel / stainless steel
Total Tank Volume (m³)	12.7 / 14.7 / 16.7
Main filter system (m²)	70 stainless steel cages with filter socks in needled polyester glazed surface. Filter area is 26 m²
Safety filter surface (m²)	34

## Core function

Suction	Yes
Blow / eject	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)	19,500
Total unit length including truck chassis (mm)	9,400
Total width (mm)	2,500
Height with hose boom (mm)	3,900

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



Emptying of the extracted material is easily done by tipping the tank and tailgate using a double-acting hydraulic cylinder.

DISAB Centurion™ P10 is offering three levels of capacities in its air transport of bulk materials, 6,000 m³/h, 8,000 m³/h, or 10,000 m³/h.