



The vacloader is equipped with add-ons.

DISAB Centurion™ P30

Usage

DISAB Centurion™ P30 is designed for industrial applications suitable for suctioning, discharging and transporting solid or 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 energy.

Characteristics

DISAB Centurion™ P30 is driven by the truck's engine providing compact high capacity machinery with the highest possible load capacity for a truck mounted unit. It is equipped with suction, blow, and ADR features making it possible to handle hazardous material where ADR and GGVVS regulations are applicable. The 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 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 user-friendly for the operator. The tailgate is hydraulically operated and locked.

Benefits

The DISAB Centurion™ P30 offers extremely good suction and blowing 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:

- Constructed in accordance with ADR regulations for transporting hazardous goods. ADR classes: 3, 4.1, 5.1, 6.1, 8, 9. Permitted media according to the tank codes: S4AH for solid materials and L4AH for liquid.
- To achieve optimal flexibility when emptying, the tank is positioned in a special cradle for the rear part of the tank with a tipping axle and raised 1000 mm when tipping.
- Hydraulic support legs are mounted on the unit to keep it stable when tipping at the high-tip position.
- Collected material can also be discharged by tipping the tank or pneumatically through the hose.
- Sold with extensive DISAB Academy training included to optimize safety and economical value
- Multiple add-ons available, tailored to your specific needs.

Technical Data Chart for DISAB Centurion™ P30

Description

Vacuum pump	Three-Lobe Roots Pump	Max vacuum, mbar	950
Max overpressure, mbar	1,100	Air volume m³/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	Stainless steel / acid-proof steel
Tank volume (m³)*	12	Total Tank Volume (m³)	14
Tank tipping system	Hydraulic front cylinder, double acting system. Tailgate is hydraulically operated and locked.	Main filter system (m²)	70 stainless steel cages with filter socks in needed polyester glazed surface. Filter area is 26m².
Cooling air filter	Cartridge filter	Safety filter surface (m²)	34
ATEX approved	N/A		

* Excluding filter volume

Core function

Suction	Yes
Blow / eject	Yes
Transport (ADR)	Yes
Discharge	Either by a high-tip feature, by tipping the tank or unloading through blow system
Dry materials	Yes
Wet materials	Yes

Weight and Dimensions**

Complete unit including chassis (kg)	25,400
Total unit length including truck chassis (mm)	10,900
Total width (mm)	2,500
Height with hose boom (mm)	4,000

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



The DISAB Centurion™ P30 gets its power supply from the truck's engine and is equipped with a suction and blowing function as well as an ADR function that makes it approved for transporting dangerous goods.

DISAB Centurion™ P30 is a truck mounted unit which can transport bulk materials and liquids by vacuum or overpressure through a hose system with a diameter up to 200mm.