



DISAB Centurion™ LN10RR

The vacuum unit is equipped with options.

Usage

DISAB Centurion™ LN10RR is a high suction capacity vacuum unit, which is mounted on a roll on / roll off hook lift and can therefore operate independently, depending on whether it is positioned on a truck chassis or standing on the ground. Its round tank makes it suitable for handling both wet and dry applications. It is commonly used for industries such as cement, lime, chemicals, plastic, foundries, steelworks, quarries, pulp & paper, shipyards, and energy.

Characteristics

DISAB Centurion™ LN10RR is powered by a separate diesel engine and is equipped with a suction only feature. It possess great flexibility for different applications with multiple options available and handles all material that can pass through an 8" suction hose.

DISAB Centurion™ LN10RR consists of a machine housing and a material tank. The tank volume is 7 m³ and discharge of materials occur hydraulically by the whole unit tipping using the truck hook lift function, with the emptying hatch open. The tailgate is hydraulically operated and locked.

Benefits

The DISAB Centurion™ LN10RR offers extremely good suction capacity. The vacuum pump is powered by a separate diesel engine which gives quiet operation, as well as allowing operation using tax-free diesel.

Other benefits include:

- The possibility to use the unit's function with no power transfer from the truck's engine.
- With our effective, self-cleaning filter system, the outside air is completely cleaned at the same time as ensuring good fuel economy.
- 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 ergonomic experience for the operator.
- The suction hose can either be connected via the hose boom (option) or via a rear inlet on the emptying hatch.
- Filter cleaning occurs with bursts of atmospheric air let in via the relief valve. Cleaning occurs each time the unit is unloaded.

DISAB Centurion™ LN10RR is mounted to a roll on / roll off frame with a hook lift. It offers a high suction capacity and can handle both wet and dry materials.

Technical Data Chart for DISAB Centurion™ LN10RR

Core function

Suction	Yes	Discharge	By tipping the complete unit
Blow / eject	N/A	Dry materials	Yes
Transport (ADR)	N/A	Wet materials	Yes

Description

Vacuum pump	Three-Lobe Roots Pump
Max vacuum, mbar	950
Max overpressure, mbar	N/A
Air volume m3/h (unloaded)	8,100
Operating speed (rpm)	2,650
Power, kW	220
Voltage Frequency, V/Hz	N/A
Power source	Diesel
Engine type	Stage III / Stage V
Tank material	Carbon steel / stainless steel
Tank volume (m ³)*	7
*Excluding filter volume	
Total tank volume (m ³)	9.7
Tank tipping system	Tailgate is hydraulically operated and locked.
Main filter system (m ²)	70 galvanized / stainless steel cages with filter socks in needed polyester glazed surface. Filter area is 26 m ² .
Cooling air filter	Cartridge filter
Safety filter surface (m ²)	33
ATEX approved	N/A

Weight and Dimensions**

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

Complete unit (kg)	13,500
Total unit length (mm)	7,200
Total width (mm)	2,500
Height with hose boom (mm)	2,700