



*The vacuum unit is  
equipped with options.*

# DISAB Centurion™ LN14RR

## Usage

DISAB Centurion™ LN14RR is mounted to a roll-on / roll-off frame and the vacuum pump is powered by a separate diesel engine. Its square tank makes it suitable for suctioning dry materials. The 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™ LN14RR consists of a machine room with a vacuum pump powered by a separate diesel engine and a vacuum container for handled material. Due to its weight, the vacuum unit must be handled and mounted to a four-axle truck chassis. Its square tank ensure 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 size is available in 10 m<sup>3</sup>. The discharge of materials occur by tipping the complete unit using the hook from the roll-on / roll-off frame whilst having an opened tailgate. The tailgate is hydraulically operated and locked.

## Benefits

DISAB Centurion™ LN14RR is designed for suctioning, vertically and horizontally, any kind of dry materials that can fit into an up to 8" hose system.

### Other benefits include:

- The vacloader operates independently of the truck.
- 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.

# Technical Data Chart for DISAB Centurion™ LN14RR

## 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	Stage III / Stage V
Tank volume (m³)*	10
Tank tipping system	Tailgate is hydraulically operated and locked..
Cooling air filter	Cartridge filter
ATEX approved	N/A

\* Excluding filter volume

Max vacuum, mbar	950
Air volume m³/h (unloaded)	8,100
Power, kW	220
Power source	Diesel
Tank material	Carbon steel / stainless steel
Total tank volume (m³)	13
Main filter system (m²)	770 galvanized / stainless steel cages with filter socks in needled polyester glazed surface. Filter area is 26 m².
Safety filter surface (m²)	33

## Core function

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

## Weight and Dimensions\*\*

Complete unit (kg)	12,000
Total unit length (mm)	7,000
Total width (mm)	2,550
Height with hose boom (mm)	2,700

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



DISAB Centurion™ LN14RR gets its power supply from a separate diesel engine. This allows getting a more affordable diesel consumption when the unit is used.

DISAB Centurion™ LN14RR is mounted to a roll on / roll off frame with a hook lift. It offers a high suction capacity and can handle dry materials.