



## DISAB Centurion™ LN14RR

*The vacuum unit is equipped with options.*

### 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.

*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.*

## Technical Data Chart for DISAB Centurion™ LN14RR

### Core function

Suction	Yes	Discharge	By tipping the complete unit
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 <sup>3</sup> /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 <sup>3</sup> )* *Excluding filter volume	10
Total tank volume (m <sup>3</sup> )	13
Tank tipping system	Tailgate is hydraulically operated and locked.
Main filter system (m <sup>2</sup> )	70 galvanized / stainless steel cages with filter socks in needed polyester glazed surface. Filter area is 26 m <sup>2</sup> .
Cooling air filter	Filterpatron
Safety filter surface (m <sup>2</sup> )	33
ATEX approved	N/A

### Weight and Dimensions\*\*

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

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