

DISAB Vacloader



(This unit is equipped with options)

CENTURION LN20

A truck mounted unit that can transport bulk materials and liquids by vacuum or overpressure through a hose system with a diam up to 200 mm. The vacuum unit is designed and adapted for mounting onto a four-axle truck chassis with two front axles.

The unit is equipped with a separate diesel engine offering the possibility to utilize local fuel taxation regulations. It also makes the machine operate independently of the truck.

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.

Collected material is discharged by tilting the tank or pneumatically through a hose.

Technical data

Diesel motor

A six cylinder turbocharged diesel engine complying with the EU Stage IV / EPA Tier 4f emission requirements.

Make Volvo D8 TAD873VE

Cylinder volume 7.7 I

Power 235 kW/320 hp Max engine speed 2200 rpm/min

Injection SCR technology and a cooled EGR

Charging system 24 VDC
Engine cooler Water to air
Air charging cooler Air to air

Vacuum pump Kaeser Omega 83 PV

Max.vacuum -950 mbar
Max overpressure +1100 mbar
Air volume, unloaded 8100 m³/h
Air volume (-500mbar) 7100 m³/h
Operating speed 1100 - 2650 rpm

Max power required 220 kW

Main filter system 2x35 galvanized cages with filter socks

in needled polyester -glazed surface.

Filter area 26 m²

Safety filter system 3 filter cartridges - 33 m² located in the machine

house

Tank Gross volume 12000 litres

Tailgate Hydraulically operated and locked

Tipping system Hydraulic front cylinder, double acting system

Level guards Wet resp dry level guards

Technical changes without prior notice









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