

## DISAB Vacloader



*This P30 is equipped with options*

### CENTURION P30 ADR

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

The unit is driven by the truck's engine providing compact high capacity machinery with the highest possible load capacity for a truck mounted unit.

The handled material may consist of hazardous material where ADR and GGVS regulations are applicable. Tank codes are L4AH and S4AH.

The material tank and filter compartment are combined and the dust from the filter is emptied together with the material from the tank via a filter hatch.

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. This provides the unit with a variable high-tip. To stabilize the unit when tipping at the high-tip position, hydraulic support legs are mounted on the unit.

Collected material can also be discharged by tipping the tank or pneumatically through a hose.



#### Technical Data

Vacuum pump	Kaeser Omega 83 PV
Max vacuum	- 950 mbar
Max overpressure	+ 1100 mbar
Air volume, unloaded	8100 m <sup>3</sup> /h
Air volume, (-500 mbar)	7300 m <sup>3</sup> /h
Operating speed	1400 – 2700 rpm
Max power required	240 kW



**Power transmission** A power transfer box is mounted between the gearbox and the rear axle. A cardan shaft conveys the power to the pump's belt transmission.

**Main filtration** 70 galvanized cages with filter socks in needled polyester, glazed surface. Filter area 26 m<sup>2</sup>

**Safety filter system** 2 filter cartridges – 34 m<sup>2</sup> located in the machine house.

<b>Tank</b>	Gross volume 11m <sup>3</sup>
Tailgate	Hydraulically operated and locked
Filter hatch	Hydraulically operated and locked
Tipping system	Hydraulic front cylinder, double acting system
Level guards	Wet and dry level guards



*Technical changes without notice*