



V-FORCE

Versatile for handling hazardous liquids

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Vacuum machine for liquids

The Amphitec V-Force is a versatile high-performance vacuum and high-pressure machine that is extremely suitable for vacuuming with high-pressure cleaning and emptying (hazardous) liquids. The user-friendliness is optimised for your employees, so that they can carry out their work efficiently and with maximum safety.

From cleaning industrial pipes and sewers to siphoning residues from storage tanks, this machine can take on any industrial task. The superstructure is customised for you, resulting in maximum loading capacity and maximum ease of use.

Reliable suction power:

slow-rotating, highly efficient vacuum pump that effortlessly covers distances of up to 200 metres.

Versatile:

can be used for various suction, emptying and cleaning jobs.

Sustainable solution:

highest payload on the market, low fuel consumption

Transport of materials up to 200 m

Unloading up to 20 m in height

Roots blower or water pump

ATEX, SIR





Technical features

The V-Force is available in a range of chassis configurations, including 3-axle or 4-axle models from reputable brands such as MAN, Scania, Mercedes, Renault and more. The tank has a volume of either 12 m³ or 15.5 m³, depending on the requirements of the job. The powerful water ring pump ensures vacuum performance of 95%, enabling efficient use. The tank is designed for a test pressure of 4 bar and a maximum working pressure of 3 bar, while the unencumbered airflow is around 3,200 m³ per hour.

A 1 m³ water tank is available for the water ring pump, and an additional 4 m³ high-pressure water tank ensures a reliable water supply. The compressor delivers 165 m³ per hour and a maximum overpressure of 2 bar, including a nitrogen connection. The vehicle is approved for the transport of hazardous goods in accordance with ADR 6.10 (S4AH/L4AH) and thus fulfils the relevant safety requirements.

Essential options

The vehicle offers various additional options that make it even more flexible and efficient. An additional water storage tank in the form of saddlebag tanks on the mud tank provides 2 m³ of additional flushing water, which expands the range of possible uses. For particularly demanding tasks, a high-pressure pump with an output of up to 200 kW can be integrated. The hose reel offers various options and can be mounted on both the rear lid and the side of the vehicle, including a hose up to 1¼" and up to 120 metres long.

Remote control is via a radio-graphic remote control, which allows for convenient and precise operation from a distance. The industrial extraction arm ensures high efficiency at work. For added safety, the vehicle is equipped with an advanced safety package that includes ATEX-1G certification (under certain conditions) and SIR.

In addition, various toolboxes are available that can be selected according to need.



VROOM

63-BVZM

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