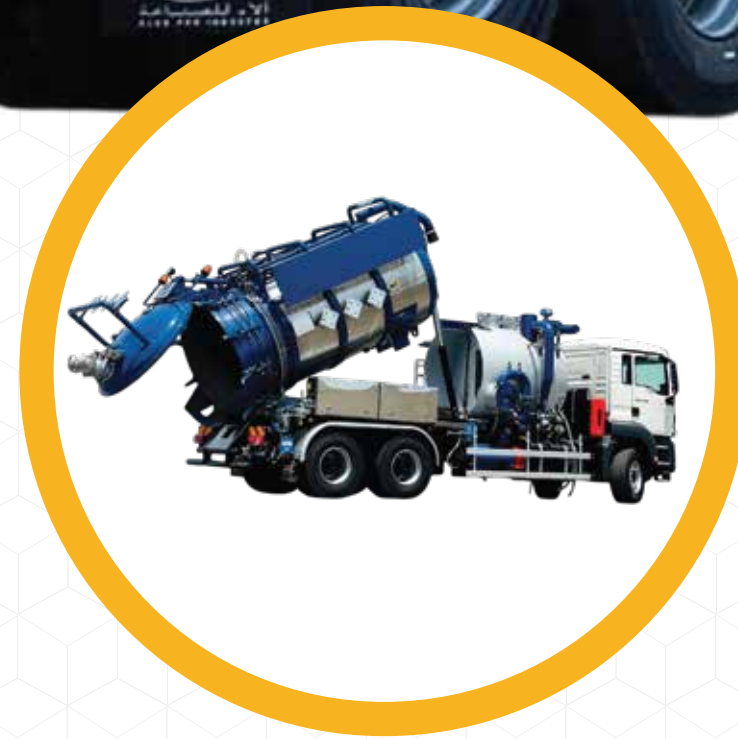


## APPLICATION

- Waste industry.
- Petrochemical industry.
- Oil and gas industry.
- Refineries.
- Chemical industry.
- Construction industry.
- Steel industry.
- Paper pulp industry.
- Poultry farms.
- Manufacturing industry.
- Infrastructure sector.
- Maritime/shipping sector.
- Aviation industry.
- Automotive industry.
- Food and feed industry.
- Medical sector.
- Defense industry.
- Agriculture industry.

## Safety Information



The POWERVAC X is specifically designed for suction, transporting, and unloading of liquid and hazardous substances such as liquids, sludge, fats, oils, fuels, and chemicals in the (heavy) industry. This robust machine operates gently with a 3400m<sup>3</sup>/h liquid ring vacuum pump. Specially developed for working with hazardous and contaminated substances, the truck is available in ADR /A-PI2219 versions and built in accordance with all applicable safety standards.

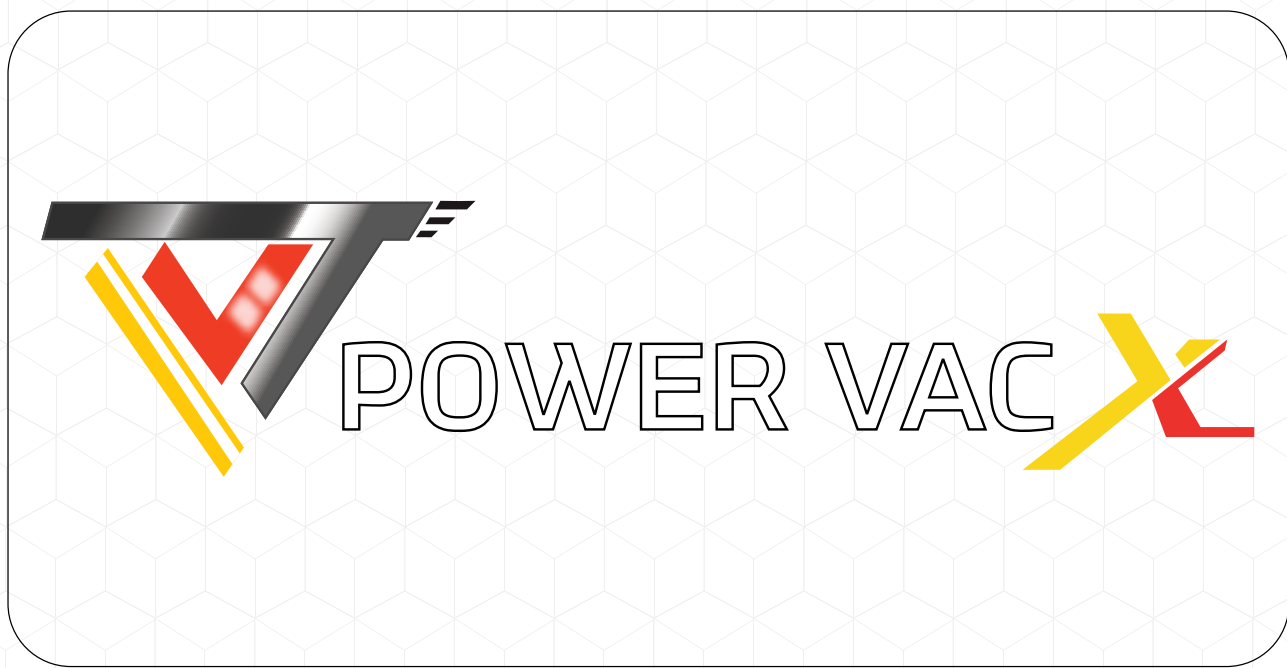
The new PowerVac X comes with a new filtration system with cyclone and self-cleaning technology. This innovation reduces water contamination, which increases the pump life cycle.

Additionally, the pump is coated with cataphoresis, which is highly resistant to corrosion.

## BENEFITS:

- Efficient suction of heavy sludges
- Faster sludge tank filling, improving operational productivity
- Powerful and consistent suction performance
- Sustainable, long-term operational reliability
- Advanced filtration system with self-cleaning cyclone technology
- Reduced frequency of service water replacement
- Low service water consumption
- Lower and simplified maintenance requirements
- Extended vacuum pump service life
- Oil-free vacuum pump design
- Quieter operation with reduced noise levels
- Capability to discharge material at heights up to 20 meters
- Designed and manufactured in compliance with the latest safety and environmental standards





# Designed And Certified For

- Assembly on a 3 axle truck with min, 360HP chassis.
- Transportation of hazardous substances.
- ADR requirements.
- Tank code L4AH.

## Pressure / Vacuum tank

Valume :	12 m3
Material :	Stainless steel AISI 316L grade; material no 1.4404
Rear door:	Hydraulically opening and clamping
Discharging :	By means of tipping and pressurizing
Loading :	By means of suctioning
Including :	6" suction / discharge connection with ball valve

## Service water tank

On behalf of:	cooling the vacuum pump
Volume:	1500 liter
Material:	Stainless steel
Including:	Hinged exhaust stack

## Clean water tank

On behalf of:	High pressure pump
Volume:	1000 liter
Material:	Stainless steel
Including:	Low level protection

## Vacuum pump & vacuum system

Type:	Liquid Ring ATEX Certified
Capacity:	3400 m3/h
Max. Vacuum:	90%
Piping:	Completely stainless steel provided with filters
Drive:	V-belt transmission from PTO

## High pressure Kit

Pump type:	Plunger Triplex
Pressure & flow:	200 bar & 30 LPM
Hope reel:	Manually operated ½" x 30m
Including:	High pressure gun

## Compressor Kit

Type:	Oil free vane type
Flow:	200 m3/h
Pressure:	2 bar
Including:	Nitrogen purging system

## Dimensions (Chassis dependent)

Length:	Approx. 10,000 mm
Width:	Approx. 2,550 mm
Height:	Approx. 3,700 mm

## Weights (Chassis dependent)

Empty Weight:	Approx. 19 tons
Max. permissible weight:	33 tons

## Standard Safety provisions

Consisting of: ADR safety kit, rupture disc, Hose rupture safety valve on behalf of the rear door & tipping cylinder, beacon light, emergency stop, tip unbolting protection, tank safety support, catwalk, rear door clamp protection, earth reel and earth monitoring system, tipping protection and fire extinguisher.

## Miscellaneous

Provisions: : Working light, rear bumper, side guards, stainless steel control box, hose tray, toolbox.  
Body inspection: : Arranged by IVT.  
Instruction Manual: Consisting of operating / maintenance instructions and schedules.



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