

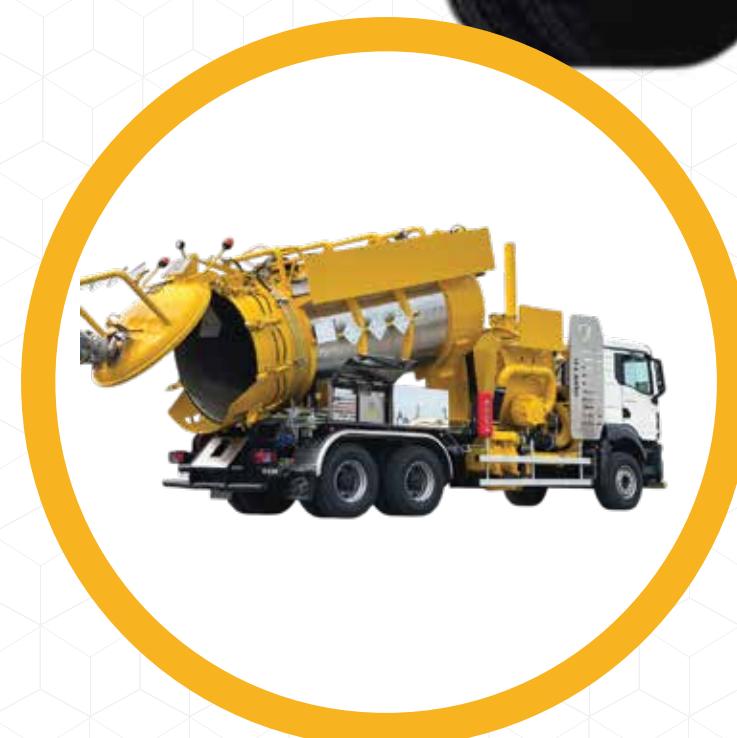
BLOW VAC

رؤية ٢٠٣٠
الملكة العربية السعودية
VISION 2030
KINGDOM OF SAUDI ARABIA

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.

Safety Information



The IVT BLOWVAC is specifically designed for suction, transporting, and unloading of liquid and hazardous substances in the (heavy) industry. This robust machine operates gently with a 3600m³/h air injection vacuum blower. The mechanical level indicator with a float ball warns timely which makes it possible to empty the hoses without spilling any fluids. The cyclone filter clears the airflow from any carried along residue which keeps the filtration system clean.

BENEFITS:

- Higher payload capacity compared to Power VAC-X.
- Higher and More Consistent Vacuum Levels.
- No Service Water Requirement.
- Reduced Operating and Lifecycle Costs.
- Consistent Performance in Harsh Climates.
- Faster Suction and Higher Productivity.
- Minimal Corrosion Risk.
- Lower Maintenance Requirements.
- Environmentally Friendly Operation.
- Compact and Lightweight System Design.
- Advanced filtration system with self-cleaning cyclone technology.
- Capability to discharge material at heights up to 20 meters.
- Designed and manufactured in compliance with the latest safety and environmental standards.





BLOW VAC

Designed And Certified For

- Assembly on a 3 axle / 4 axle truck with min. 360hp chassis.
- Transportation of hazardous substances.
- ADR requirements.
- Tank code L4AH.

Pressure / Vacuum tank

Volume :	14 m ³ /17 m ³ Chassis dependent
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

Vacuum pump & vacuum system

Type:	Tri-lobe blower ATEX Certified
Capacity:	3600 m ³ /h
Max. Vacuum:	90%
Piping:	Completely stainless steel provided with filters
Drive:	V-belt transmission from PTO
Including:	Silencers with hinged exhaust stack

High pressure Kit

Pump type:	Plunger Triplex
Pressure & flow:	200bar & 30 LPM
Hope reel:	Manually operated 1½" x 30m
Including:	High pressure gun

Cyclone separator

Material:	Stainless steel
Capacity:	3600 m ³ /h
Connection:	DIN 150 (6")

Dimensions (Chassis dependent)

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

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.

Clean water tank

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

Compressor Kit

Type:	Oil free vane type
Flow:	200 m ³ /h
Pressure:	2 bar
Including:	Nitrogen purging system

Weights (Chassis dependent)

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

