

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

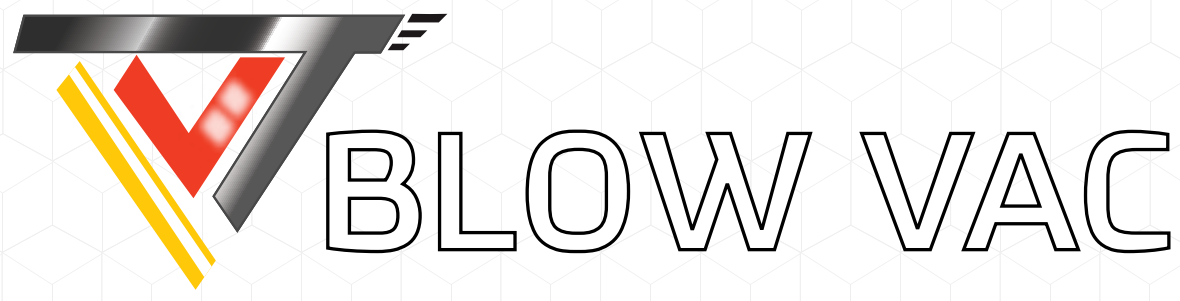


The IVT BLOWVAC is specifically designed for suction, transporting, and unloading of liquid and hazardous substances in the (heavy) industry. This robust machine operates gently with a 3600m³/h air injection vacuum blower. The mechanical level indicator with a float ball warns timely which makes it possible 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.





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 |

Clean water tank

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

Cyclone separator

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

Compressor Kit

| | |
|------------|-------------------------|
| Type: | Oil free vane type |
| Flow: | 200 m ³ /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.

