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#### Industrial Vacuum loader with Air injection Vacuum Blower



# **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

The AFI 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:**

- Easy suction of heavy sludges
- Fast filling of sludge tank
- Can carry more payload
- Discharge at a height of 20m
- Quieter operation

- Allows high vacuum including "dead end" operation without overheating.
- No oil or water cooling system (100% oil free air)
- Easier maintenance
- Better lubrication of bearings
- Less frequent oil changes
- Built to the latest environmental and safety standards

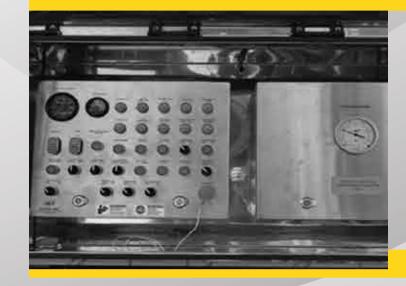


# Designed and certified for:

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

# **Safety Information:**









#### Pressure / Vacuum tank

Volume : 14 m3 / 17 m3 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

### Cyclone separator

Material: Stainless steel
Capacity: 3600 m3/h
Connection: DIN 150 (6")

#### High pressure Kit

Pump type : Plunger Triplex Pressure & flow : 150 bar & 70 LPM

Hope reel : Manually operated ½" x 30m

Including : High pressure gun

# Dimensions (Chassis Dependent)

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

#### Vacuum pump & vacuum system

Type : tri-lobe blower Capacity : 3600 m3/h

Max. Vacuum: 90%

Piping : Completely stainless steel provided

with filters

Drive : V-belt transmission from gearbox PTO Including : Silencers with hinged exhaust stack

#### Clean water tank

On behalf of : High pressure pump

Volume : 1250 liter

Material : Stainless steel

Including : Low level protection

#### Compressor Kii

Type : Oil free vane type

Flow : 200 m3/h Pressure : 2 bar

Including: Nitrogen purging system

#### Weights (Chassis dependent)

Empty Weight : Approx. 19 tons

Max. permissible weight : 33 / 40 tons

## Standard Saiety 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 AFI

Instruction Manual: Consisting of operating / maintenance instructions and schedules

