



INDUSTRIAL VACUUM SYSTEMS

BlowVac



High Power Suction Units for Bulk Material and Liquids

Industrial Vacuum Systems from Wieland Lufttechnik

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Three different types, each with different collection capacities and pump sizes:

BlowVac Conic: Conical collection container for tipping discharge or for pressure discharge of the suction material into silos

BlowVac SL: The traditional vacuum loader with maximum collection capacity. Optimised for pressure discharge with high blowing discharge rate

BlowVac BigBag: The all-rounder. Fills the suction material into BigBags, tipping discharge into open containers, pressure discharge into silos with the blowing device

Performance: Different pump sizes with airflow from 2100 m³/h to 8200 m³/h. Suction power 500 mbar or 800 mbar.

Engine power: 37 kW to 340 kW. Driven by electric motor, Diesel engine or by the truck engine.



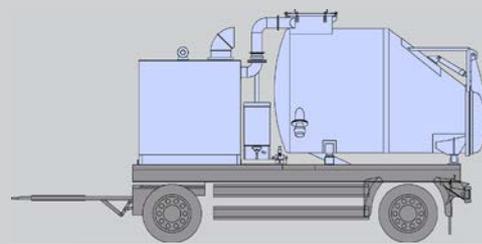
Special models with explosion protection systems according to ATEX. Safe solutions from the explosion protection specialist for explosive types of dust. No fig-leaf solution just with grounding control, but sophisticated explosion protection with pressure relief systems, explosion suppression systems, flame absorbers and explosion isolation systems. All explosion protection systems are certified as protection systems according to ATEX EX II 1D.

BlowVac units are used:

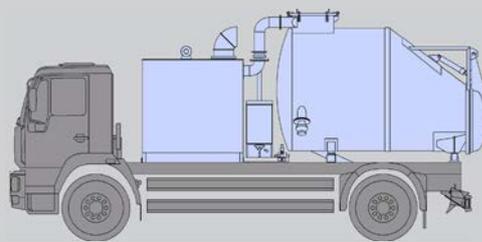
- to vacuum extract industrial types of dust at high suction rates, e.g. in cement plants, steel plants, power plants, chemical plants
- to vacuum extract blasting material used for maintenance work at bridges or buildings
- to vacuum extract gravel from roofs and to blow fresh gravel onto roofs.
- to fill bulk material into silos with the pressure discharge system
- to overcome silo blockages
- to vacuum extract sand or soil when repairing under-ground gas pipes, electric cables or telephone lines
- to pressure discharge sand to fill ditches for pipes or cables
- to vacuum extract soil in communities, e.g. to replace soil around trees
- to vacuum extract insulation material when renovating houses and blow granular insulation material into houses
- to extract grit material in shipyards
- to empty out catch pits from sand and sludge
- to clean and maintain railway lines in industrial compounds and to free rail grooves from accumulated dust

BlowVac units can be mounted on:

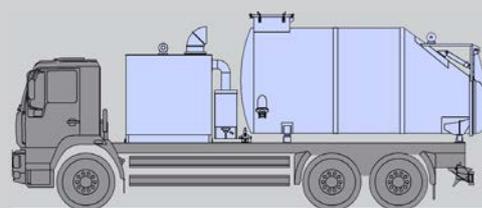
Trailer



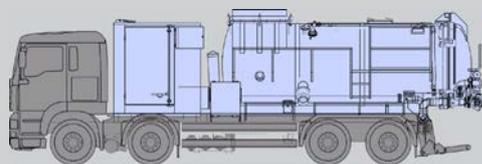
2-axle truck



3-axle truck



4-axle truck



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