

IVAC

TM

INDUSTRIAL VACUUM SYSTEMS

Simplifying Clean
up
Solutions

MINING CONSTRUCTION INDUSTRIAL



Save time and reduce accidents with our portable vacuum units

A collage of various industrial equipment and machinery. The images show large tanks, pipes, valves, and complex mechanical systems. Some tanks contain yellow liquid, while others are empty or contain dark material. The equipment is mounted on metal frames and appears to be part of a larger industrial process.

Future Solutions NOW!

VACUUM POWER

Our unique Air Powered PV500 vacuum system offers groundbreaking solutions throughout a number of different markets. And can used for a wide spectrum of different applications

Cleaning of sumps, tanks, and ditches

Clean-up of spills in tunnels and drifts

Shaft bottom clean-up and mucking

Mucking and delivery of Raisebore or TBM cuttings

Cleaning around crusher and conveyor galleries

Pumping and delivery of sand and gravel products

Spillage pick-up and delivery

Material may be sent back into produc-



Clean out Barge/Ship residual material

Cleaning of holds

Clean out railcars

Pumping water treatment filter media

Move sewage treatment sludge

Roofing material, placement and removal

Find Gas, Hydro, Water utilities

Pick up and move, pig, cow, chicken waste

Environmental spill clean up on land or water

Environmental cleaning of contaminated areas

PUMP DIFFICULT MATERIALS

The PV500 is our deluxe sand, and water handling industrial vacuum system

Our industrial Vacuum/Pneumatic conveying units offers unique solutions for your clean-up requirements!

Products to be moved

can be

WET or DRY!

- Rock
- Slime
- Sludge
- Slurry
- Sand
- Gravel

Deliver your product:

- Into Trucks
- Cars
- Back into production
- Send material kilometers away



CLEAN UP SOLUTIONS

The vacuum unit picks up your desired material and then delivers it to your desired location through a pipeline.

The venture type Vacuum/Discharge unit is powered with compressed air. No wiring or electrical connections are required. An internal 12-volt system runs all the controls.

The operator flips a switch and starts delivering product. It can even be setup to run automatic or remote start depending on your desired application.

Material 4" minus including rock, gravel, sand sludge's and slimes wet or dry the material is handled easily with this system.

The unit creates up to 25" H.G. of vacuum.



The picked up material can be placed in trucks, hoppers, back onto the conveyor-belt or sent up vertically into loading pockets in mining shafts. Vertical discharges of over 150 m, vertical vacuum of 30 m & Thousands of meters of discharge achieved.

The vacuumed material can be delivered close or sent long distances. The operator controls the distance and discharge velocity simply by setting the discharge pressure controls.

DISCHARGE POWER



The vacuum unit operates on compressed air, which is required to create the vacuum to operate the unit as well as provide discharge air to clear the tank and lines.

Operate the vacuum from the control panel located on the unit or remote controls are available for automatic pumping operations.

A pressure-reducing valve enables the operator to set the flow rate of material through the discharge line.

P.V. 500 Specifications

| | |
|---------------------|---|
| Air Consumption | 500 C.F.M @ 100 PSI |
| Controls | 12 Volt DC/110 AC Charging |
| Weight & Dimensions | 1,800 Lbs approx. 4'WX6'LX6'H |
| Vacuum | Up to 25" H.G. |
| Inlet/Outlet Size | 4 Inches |
| Lifting | Forklift provision, Crane lift able |
| Materials | Wet or Dry to 4" diameter Water, Rock Gravel, Sand, Sludges, Slurry, Cement |
| Certification | Government Certified and Inspected |



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