



performance proven **VACUUM SOLUTIONS™**

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VecLoader versus Vacuum Trucks

For over thirty years, Vector has offered powerful industrial vacuums, incorporating innovative technology to solve a wide range of industrial vacuuming problems. The VecLoader 721, 832 and 1021 are the latest in a series of high-powered Vector vacuums. Organizations considering the purchase of vacuum trucks should carefully consider the following competitive advantages offered by Vector vacuums.

Power and Performance

VecLoaders are now available that are comparable in power to the most powerful vacuum trucks at less than ½ the cost. VecLoaders consume less fuel than a vacuum truck and requires significantly less maintenance, insurance, and replacement parts. Plus, splitter housings on vacuum trucks are under substantial stress and prone to failure resulting in costly downtime.

Billing Rate

VecLoaders are billable to customers at a rate substantially less than a vacuum truck. Reduce costs help contractors to develop more business and to better satisfy their customers.

Compact Size and Mobility

VecLoaders are often easier to position on job sites due to their compact size. Vacuum trucks are space restricted due to their size and require operators with commercial driving licenses (CDL). Smaller VecLoaders combined with tow vehicles do not require CDL licensing. Furthermore, the vacuum trucks' gross combination weight rating cannot exceed the legal road limit of 70,000 lbs. This constraint limits the truck's storage capacity resulting in reduced vacuuming time and less productivity.

Non-Stop Performance

VecLoaders work non-stop, discharging materials into dump trucks or dumpsters. Vacuum trucks must leave the job site to discharge. This practice disrupts production and causes unnecessary downtime, especially in high-density urban areas.

Efficient and Effective

The VecLoader filtration system is comprised of pleated, spun-bond polyester bags. The design helps to reduce vacuum line loss while increasing productivity. Vacuum trucks use standard filtration bags which are far less efficient. VecLoaders can also be equipped with H.E.P.A. filtration for vacuuming hazardous waste streams.

Smaller, More Manageable Hose Sizes

VecLoaders perform best utilizing a six-inch diameter hose or multiple smaller diameter hoses. Vacuum trucks are designed to use eight-inch hose, which is extremely difficult for operators to handle. When vacuum trucks use six inch hose, the full benefits of the blower are undermined due increased restrictions in the vacuum line, resulting in lower productivity. Unlike the VecLoader, the truck's "sweet-spot" requires use of an eight-inch hose to reach optimum productivity. Plus, using six-inch hose on vacuum trucks dramatically increases hose wear due to high hose velocities.

Maintenance and Troubleshooting

VecLoader vacuums are less complicated than vacuum trucks so maintenance becomes less complicated and far less expensive. Troubleshooting problems are also much easier on a VecLoader.

Viable Choice

The largest VecLoader (Model 1021 with 5,700 CFM) has airflow comparable to a Vac truck. However, production on even smaller VecLoaders will often compare favorably to vacuum trucks for the aforementioned reasons. So, the vacuum truck is not always a best option. Perspective users should consider VecLoader's rugged powerful performance and the many advantages they have over the vacuum trucks. All in all, the VecLoader may be the viable choice.