



performance proven **VACUUM SOLUTIONS™**

## HIGH-POWERED DIESEL AND ELECTRIC INDUSTRIAL VACUUM LOADERS For Utility, Power Plant and Other Applications



### VECTOR VACUUMS

**Portable Vacuums**  
**Stationary Vacuums**  
**Mobile Vacuums**



Vector Technologies offers a wide range of high-power trailer mounted and central vacuums systems to meet the varying needs of Coal Fired power plants and other utilities. Vector systems recover fly ash and other dry or dense slurries without filter changeover. VecLoader vacuums are available in varied configurations to meet specific requirements. Collected materials can be deposited into dump trucks, drums, railcars, onto conveyors or within the operating system. Self-pulsing baghouses provide a thirty-five year legacy of proven performance. Regardless of power and configuration, each vacuum is simple to use without complicated set-up and easily maintained. For integrated utilities performing Vacuum Excavation for utility locating, Vector also offers trailered HDD vacuum systems. From smaller portable systems to 300 horsepower models with 28" Hg vacuum, Vector meets your vacuum needs.

## Toll Free 1(800) 832 4010

### DELIVERING MORE EFFICIENCY, FLEXIBILITY AND POWER

Vector Technologies Ltd./ Vacuum Engineering Division/ 6820 N. 43<sup>rd</sup> Street/ Milwaukee WI USA 53209

Toll Free: 1 800 832 4010/ Tel: 1 414 247 7100/ Fax: 1 414 247 7110

Web Site: [www.vector-vacuums.com/](http://www.vector-vacuums.com/) E-Mail: [sales@vector-vacuums.com](mailto:sales@vector-vacuums.com)

Vacuums • Hydro Blast Systems • Dust Collectors • Vacuum Excavation Systems • Blast and Recovery Systems • Spill Response Systems  
Equipment • Parts • Rentals • Service • Solutions



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## **VECTOR TECHNOLOGIES LTD. AND ITS VACUUM ENGINEERING GROUP AND ROSS COOK BRANDS**

are leading designers and manufacturers of industrial vacuums, abrasive blasting and surface preparation equipment, portable dust collectors and baghouses, asbestos and hazardous waste removal equipment, and other conveyance products for hazardous and non-hazardous material handling. Established in 1977, Vector designs have set world standards for reliability and performance in a variety of industrialized and specialized markets. With good listening, creative ideas, expert design, quality manufacturing, extensive field tests, and responsive service, Vector maintains its position of leadership. The employees of Vector take great pride in offering dependable, long lasting world-class products at competitive prices.

Vector provides benefits far beyond building the best equipment. Experienced in-field service personnel, extensive parts inventories and a 24-hour assistance line assure readily available technical support. Services include specialized system design, engineering and supplying of central manifold systems, start-up training, preventive maintenance programs, field repairs, and continuing customer education. Additionally, Vector can assist with machine financing and leasing programs.

### **PRODUCTS**

Central Vacuum Systems

Mobile Industrial Vacuums

Vacuum Excavators for Horizontal Directional Drilling

Combination Vacuum and Jetter Systems

Cyclonic Baghouses/ Intermediate Separators

Dust Collectors/ Baghouses

Abrasive Blasting/ Classifying Equipment

Asbestos and Hazardous Waste Removal Equipment

### **CONFIGURATIONS**

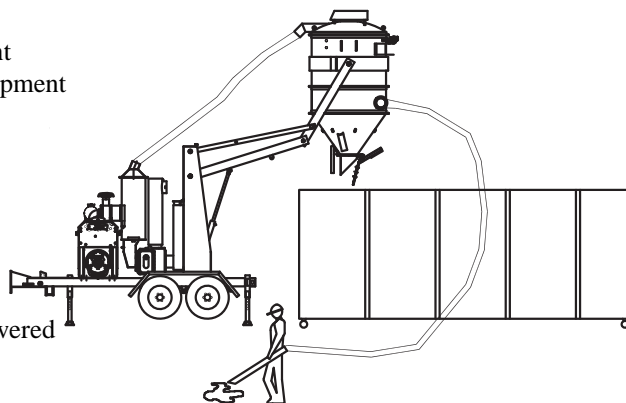
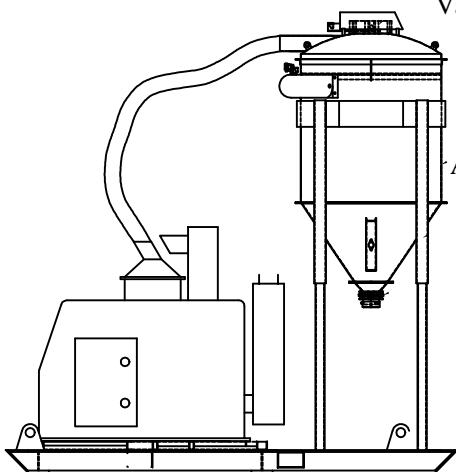
Trailer, central, skid or truck mounted

Vacuums: 5 to 500 Horsepower

300 to 6,000 CFM/ to 28" Hg

Dust Collectors: 5,000 to 60,000 CFM

Electric, diesel, gas, and liquid propane powered



### **INDUSTRIES**

Mining  
Wood/Paper/Pulp  
Primary Metals  
Nuclear/Asbestos  
Spill Recovery  
Bulk Material  
Carbon

Surface Preparation  
Vacuum Excavation  
Site Remediation  
Industrial Vacuum Cleaning  
Brick/Refractory  
Hazardous Waste  
Sewer Cleaning

Hydro Blasting  
Power Plants  
Shipbuilding/Repair  
General Industrial  
Emergency Response  
Waste Water  
Railroad Car Cleaning

Steel Mills  
Chemicals  
Glass  
Foundry  
Roofing  
Cement  
Catalyst

Aerospace  
Clean Room  
Powder Coating  
Chip & Wafer  
Baking  
Plastics  
Pharmaceutical

### **REPRESENTATIVE CUSTOMERS**

Ford Motor, Boeing, Northrop Grumman, Lockheed-Martin, Halliburton, Cat-Spec, General Electric, Dupont, Eastman Kodak, Bechtel, Bristol Myers, IBM, General Motors, Philip Morris, Rockwell International, Owens Corning, U.S. Depts. of Army, Air Force, Navy, U.S. Dept. of Energy, Boise Cascade, Carnegie Mellon, Cargil, Exxon, Hewlett Packard, International Paper, Johnson Controls, Kerr McGee, Newport News Shipbuilding, Proctor & Gamble, Lawrence Livermore, Oakridge, and Los Alamos National Labs, Textron, Tenneco, U. S. Steel, U. S. Generating, Kerr-McGee, General Dynamics, Dupont, General Mills, Kimberly-Clark, Nabisco, Pillsbury, 3M, Toyota, Honda, Xerox, Alcoa.

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# Vac Attack!

## HIGH-POWERED INDUSTRIAL VACUUMS AND VACUUM LOADERS

**Model 616 HP: Partially Raised**



**Model 624: Stowed/travel Position**



### VECLOADER® TRAILER MOUNTED INDUSTRIAL VACUUM LOADERS

**Model 721: Working**



**Model 721: Dump Truck Loading**



**More Power!**

**Better  
Performance!**

**Proven Solutions!**

**Inquire about the VecLoader Economizer Series, combining power and affordability**

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616 can be towed with a "One-Ton"



Model 721 with Optional Hi-Lift™



Model 6100HP with Optional Gooseneck

**US SPECIFICATIONS- SELECT DIESEL MODELS WITH OTHERS AVAILABLE  
SIMILARLY POWERED UNITS ARE AVAILABLE WITH ELECTRIC MOTORS**

Models	Mini-VecLoader 100	VecLoader Titan 616 HP	VecLoader 624	VecLoader Titan 721	VecLoader Titan 6100HP
Maximum CFM/Hg	1,340/28"	2,367/28"	3,510/16"	3,510/16"	6,150/28"
Diesel Horsepower	99	170	155	225	350
Primary Filtration	Coated bags pulse air cleaned	Coated bags pulse air cleaned	Coated bags pulse air cleaned	Coated bags pulse air cleaned	Coated bags pulse air cleaned
Secondary Filtration	Pleated cartridge	Pleated cartridge	Pleated cartridge	Pleated cartridge	Pleated cartridge
Maximum Hose Diameter	4"	5"	6"	6"	8"
Dimensions (L, W, H)	16' 1", 7' 2", 10' 0"	17' 5", 8' .5", 11' 2.5"	17' 5", 8' .5", 11' 2.5"	21'0", 8' 2.5", 11' 4"	24' 10", 8' 4.0", 11' 4"
Empty Weight Number of Axles	8,100# 2	10,500# 2	10,500# 3	13,950# 3	22,350# 3
Maximum Conveying	1,200'	1,200'	600'	600'	1,200'
Maximum Performance/Bulk*	5-7 tons/hr.	10-12 tons/hr.	12-15 tons/hr.	15-18 tons/hr.	23-27 tons/hr.
Maximum Performance/Liquid*	115 gallons/min.	300 gallons/min.	325 gallons/min.	425 gallons/min.	550 gallons/min.

\* Performance figures are averages based on easily conveyed products at shorter distances. Many factors will affect vacuum productivity.

*Options and Alternative Designs:*

**Power:** Diesel, electric, explosion resistant. **Mounting:** Road legal trailer, all terrain, skid, truck, and crane.

**Unloader valves:** Double dump, gravity, rotary airlock, and specialty valves. **Filtration:** HEPA, nuclear, carbon, product specific.

**Accessories:** Cyclones, drum fillers, intermediate hoppers and separators, bagging stations, vacuum hose, specialty nozzles, and engineered solutions.

VecLoaders are extremely powerful and compact vacuum systems, incorporating innovative technology to solve a wide range of industrial vacuuming and conveyance needs. They move coal, ash, dirt, blast media, sand, stone, water, slurry and other flowable bulk materials utilizing either four, five or six inch diameter hose or multiple smaller diameter hoses. Modular in design, VecLoaders can be easily matched to a broad assortment of customer specified cyclone separators, filter-receivers, collections systems, classifiers, self-dumping hoppers and intermediate collection devices. Specifications subject to change without notice so that improvements are made as quickly as possible.

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