

Vacuum Industry Application Guide

INDUSTRIAL VACUUMS

The purpose of this guide is to provide a better understanding of Vector Technologies products and how to select them for use for a broad range of applications. A general discourse is provided for each application, suggesting products that would appear to best meet customer needs. Please consult a Vector Sales Representative for further assistance or clarification.

The Vacuums:

Vector offers the most powerful vacuums available, incorporating innovative technology to solve a wide range of industrial vacuuming problems. Vector vacuums feature positive displacement blowers generating up to 11,010 CFM (18,710 Cubic meters/hour) and to 28" Hg (93% vacuum), providing the power needed to complete the most difficult cleanup or recovery operations. The power source can be LP, gasoline, diesel, or electric and in stationary or skid, truck, trailer, crane, or pickup bed mounted formats. Load rates range to 70 tons per hour.

Product Conveyance Capabilities:

Aggregates • Metals • Sludge • Slurries • Powders • Pellets • Liquids • Abrasives • Sand • Steel Shot/Grit • Slag • Aluminum Dust • Ceramic Dust • Glass Cullet • Refractory • Metal Chips • Food Products • Drilling Mud & Cuttings • Lead Brass • Carbon Black • Fly Ash • Drilling Mud • Coal • Gravel • Chemicals • Textiles • Plastic Pellets/Powders • Wood Chips & Sawdust • Powder Coating & Pigments • Hazardous Waste • Nuclear Waste • Sludge, Muck & Slurries • Concrete Slurry, Dust & Solids • Slag & Scale • Asbestos • Foundry and Fracking Sand • Spent Catalyst • **and more!**

Industries Served:

Abrasive & Water Blasting • Roofing • Environmental • Foundries • Power Plants • Cement • Waste Water Treatment • Bulk Material Handling • Brick and Refractory • Steel & Paper Mills • Sewer Cleaning • Shipbuilding • Directional Drilling • Chemical • Glass • Hydro Excavation • Fracking • Concrete • Asphalt • Carbon Filtration • Industrial Cleaning • Nuclear • Catalyst Changeout • **and more!**

The Products:

Trailer Models:

VecLoader® • Spartan® II Series • HydroVac™ Series • HDD™ Vacuum Excavator Series • Neptune Jetter Vac Series • SlurryVac™ Series • Mini-VecLoader Series • VecLoader 422™ • VecLoader 522™ • VecLoader Titan® 616™ • VecLoader Titan 616 HP • VecLoader 622™ • VecLoader 624™ • VecLoader Titan 721™ • VecLoader 824™ • VecLoader 6100HP™ • VecLoader Hepa Vac® Series • MicroLoader™ • VecLoader 61050R™

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**Industrial Vacuum Systems • Hydro Blast Recovery Systems • Dust Collectors • Classifiers • Grit Blast and Recovery Systems
Equipment • Parts • Rentals • Service • Solutions**



performance proven **VACUUM SOLUTIONS™**

Portable and Stationary:

Hercules™ HP • PM™ Series Power Modules • CS™ Series Integrated Systems

Spartan FM™ Series • VecLoader Titan M Series • MudVac™ • CV Vacuum Series •

BH™ Series Baghouses HP • IS™ Series Intermediate Separators

Applications with Products Best Serving Application noted:

Vacuum Excavation and Potholing:

HDD Vacuum Excavator Series or VecLoader Titan Series Trailer mounted units

Environmental:

Oil & Gas

Vector Catalyst Vacuums, Rig Vac, MV Vacuum Series, MudVac, PM Series

Emergency Response/Spill Recovery/Site Remediation

VecLoader Hepa Vac II, VecLoader Hepa Vac HP, VecLoader Hepa Vac 721

Municipal:

HDD Vacuum Excavator Series, Neptune and Super Neptune Jetter Vacuums

Chemical/Mineral Processing:

Trailer:

Mini-VecLoader, VecLoader 624, VecLoader Titan 616 HP, VecLoader Titan 721

Stationary:

PM Series, Power Modules with BH Series Baghouses

Portable:

CS Series Integrated Systems, Spartan II, Spartan FM Series

Nuclear Waste, Asbestos Removal, Hazardous Waste Remediation, PCB Remediation

VecLoader Hepa Vac II, VecLoader Hepa Vac HP, VecLoader Hepa Vac 721



Surface Preparation, Lead Reclamation Projects, Steel Grit/Sand, Abrasives Blast Media, Tank/Bridge/Ship Reclamation & Restoration, Hydro Blasting, General Industrial Painting Applications:

Trailer:

Mini-VecLoader, VecLoader Titan 616, VecLoader Titan 616 HP, VecLoader Titan 721, HydroVac Series

Portable:

CS Series Integrated Systems, VecLoader Titan M Series

Industrial Applications:

Central Stationary Vacuum Systems
Pneumatic Conveying
Foundry - Sand and moon sand clean up, conveyor spills
Waste Water Treatment - Filter bed cleaning, milorganite and sand handling
Cement - Spills, system conveyance, concrete cutting
Steel Mills - Mill Scale, coal handling, housekeeping
Power Plants - Fly ash, coal handling, sump cleaning
Pulp & Paper
Glass- Sand recovery and clean up
Railcar, Tanker and Barge-Unloading, final clean up,
Sewer & Sump
Bulk Material Conveyance
Chemicals
Carbon Filtration Charging
Brick/Refractory
Roofing Contractors- Pea Gravel & Ballast
Batch Processing
Industrial Cleaning

Fracking Sand, recovery and transport, Drilling Mud Recovery
Spill Recovery
General Plant Cleanup
Hydro-Blast Water & Slurry Removal

Trailer: - Any VecLoader Trailer vacuum: Model dependent on product, conditions, and tonnage, including Mini-VecLoader, VecLoader Titan 616, VecLoader Titan 616 HP, VecLoader 624, VecLoader Titan 721, VecLoader 824, VecLoader 1021, SlurryVac Series, HydroVac Series

Stationary:

PM Series, Power Modules with BH Series Baghouses

Portable:

Hercules, CS Series Integrated Systems, Spartan FM Series, Spartan II Series