



performance proven **VACUUM SOLUTIONS™**

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Vacuum Industry Application Guide

INDUSTRIAL VACUUMS

The purpose of this guide is to provide a better understanding of Vector products and how to select them for use in our diverse range of applications. We provide a general discourse under each application suggesting products that we believe will best serve the customers needs. Please consult a Vector Sales Representative if you need 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. VecLoader vacuums feature a positive displacement vacuum pump generating up to 11,010 CFM (18,710 Cubic meters/hour) and up to 28" Hg (93% vacuum), providing the power needed to complete the most difficult cleanup or recovery operations. The power source can be either LP, gasoline, diesel, or electric and the unit can be either stationary or skid, truck, trailer, crane, or pickup bed mounted. Load rates range to 70 tons per hour.

Product Conveyance Capabilities:

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

Industries Served:

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

The Products:

Trailer Models:

VecLoader® • Spartan® II Series • HydroVac™ Series • HDD™ Vacuum Excavator Series • SlurryVac™ Series Mini-VecLoader • VecLoader 422™ • VecLoader 522™ • VecLoader Titan® 616™ • VecLoader Titan 616 HP • VecLoader 622™ • VecLoader 624™ • VecLoader Titan 721™ • VecLoader Hepa Vac® II • VecLoader Hepa Vac HP • VecLoader Hepa Vac 721



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Portable and Stationary:

Small Vacs™ HP • PM™ Series Power Modules • CS™ Series Integrated Systems

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

BH™ Series Baghouses HP • IS™ Series Intermediate Separators

Applications with Products Best Serving Application noted:

Vacuum Excavation:

Wet-HDD Vacuum Excavator Series

Dry-HDD Vacuum Excavator Series or Titan Trailer mounted units

Environmental:

Oil & Gas

MudVac, PM Series

Emergency Response/Spill Recovery/Site Remediation

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

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



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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

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, SlurryVac Series, HydroVac Series

Stationary:

PM Series, Power Modules with BH Series Baghouses

Portable:

Small Vacs, CS Series Integrated Systems, Spartan FM Series, Spartan II Series