



performance proven **VACUUM SOLUTIONS™**

## HydroVac™ Series Vacuums



**HydroVac 170D/1000 Shown (170 Horsepower Diesel, 1000 Gallon Storage)**

**HydroVac Series Vacuums** are versatile, powerful vacuum systems specifically configured for vacuum recovery of liquids and debris. HydroVacs provide powerful performance into a compact package combining exceptional resistance to wear and abrasion, and superior filtration. Dependable high mercury positive displacement blowers are matched to a diesel power source and a 500, 800 or 1,000 gallon spoils tank on a single trailer or skid. Vector Technologies Ltd., Milwaukee, Wisconsin, manufactures the HydroVac Series Vacuums. For almost thirty years Vector has been the leading vacuum producer in a variety of contractor markets. HydroVac Series Vacuums feature the same rugged construction, quality, and tested in-field performance of all Vector vacuum products.

**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  
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**Vacuums · Hydro Blast Systems · Dust Collectors · Vacuum Excavation Systems · Classifiers · Blast and Recovery Systems · Spill Response Systems · Parts · Rentals · Service · Solutions**



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### **Power Unit**

Fully enclosed Power Module for safety, environmental and vandal protection  
Positive displacement rotary lobe blower with maximum capabilities of 600 – 3,150 CFM & 16 - 28" HG  
25 – 170 horsepower diesel engine with water, oil and temperature shutdowns, and 12 –100 gallon fuel capacity  
Conveniently located engine instrument panel (locking) with all needed controls and shutdowns  
Quick, easy and safe access to service points including external drains and fill points  
Superior washable, wet filtration system (no tools required); 15-gallon water separator capacity  
Oversized baghouse for continuous dry vacuuming is available  
Oversized discharge silencer for quiet operation  
Vacuum gauge  
Maintenance-free battery, fully enclosed

### **Spoils Tank**

500 - 1,000-gallon tank with hydraulic dump hoist and remote pendant with 55° dump angle  
Water and airtight sealing Quick Dump™ vacuum tailgate with partial open door (20" manway) & no internal mechanisms to bind or jam  
Pressurized sludge blow off utilizing customer supplied air (200 CFM @ 15 PSI)  
5" inlet connection  
Cyclonic material entry for extended filter life and enhanced material control to facilitate material discharge  
Robotic interface connection provisions  
Klean Slick™ tank lining with optional agitated sludge wash down system for enhanced material discharge  
Liquid level monitor to maintain minimum and maximum liquid levels  
Large stainless steel ball automatic liquid level shut-off  
6" liquid discharge dump valve

### **Liquid Return System**

Hydraulic driven centrifugal pump for liquid return discharge  
Multiple pump options available from 30 to 200 gallons per minute  
Primary filtration located in spoils tank with automatic backflush insuring maximum pump efficiency

### **Trailer**

18,000 lb Gross Vehicle Weight, heavy duty, tri-axle trailer with radial tires, electric brakes, and adjustable trailer hitch  
Excellent trailering in empty conditions; system to be "pumped off" before highway towing  
All required lights for legal night towing  
Vacuum hose racks  
Primed with epoxy primer and painted with weather resistant polyurethane paint  
Dimensions- 21' 4" (L), 7' 10" (W), 8' 2" (H), Empty weight- 11,260#, Tongue weight- 1,700#

### **Other HydroVac Series Vacuum Models and Options**

Other models are available along with a full range of machine options, including trailer, skid or sled mounting, rough terrain trailers, air vacuums, explosion proof systems, and enhancements to address specific collection requirements and conditions.

Specifications subject to change without notice so that improvements can be made as quickly as possible.

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