

Vermeer®

Vacuum/Excavation System

V250

Powerful, Portable, and Versatile.

The V250 Hydro Vacuum Excavation System offers municipalities and contractors a lower cost, portable system for potholing and vacuum applications. The trailer-mounted unit features tandem axles for smooth ride between job sites.

Wet or dry remediation of spoil is possible using the three-stage filtration process that includes a 2-micron

washable filter. One-man operation can be attained by using the reduction tools and hose extensions.

A 25 hp Kubota diesel engine with electric start and throttle, powers the 250-gallon unit. Dual hydraulic cylinders and a full open door reduce dumping cycle time.



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- **Three stage filtration system offers maximum protection.**
- **Cyclone Separator for increased capability of dry material.**
- **Less expensive and easier to clean final filter.**
- **Electronic in-tank full shut down.**
- **Low water sensor in water tank offers increased protection for water pump.**
- **Reduction tool allows for one man operation.**
- **Automatic In-Tank Clean out, provides for operator convenience.**
- **Reduction tool allows for one man operation. (Pat. #6,470,605B1)**
- **Automatic In-Tank clean out, provides for operator convenience. (Pat. #6,615,849B1) (Pat. #6,615,489B1)**

Vermeer®

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V250 Specifications

V250

- **Engine: 25 hp (18.6 Kw) Kubota Diesel (21 HP SAE NET CONT)**
- **Blower: 575 (16.3³ m³/min.) CFM lobe type with dual splash oil lubrication**
- **Filtration: 3-Stage with cyclone separator & 2 micron poly filter**
- **Enclosure: lockable, sound dampening**
- **Door type: full open**
- **Full tank shut off: electronic float**
- **Water pump: 4.0 GPM @ 3000 PSI (15.1 LPM @ 206.9 BAR)**
- **Low water shut off: electronic**
- **Vacuum hose: 18' (5.5 m) of 3" (7.6 cm) (2) 9' (2.7 m) sections**
- **Trailer GVW: 7,000 lb (3175 kg)**
- **Fuel tank: 20 gal (76 L)**
- **Gauges: Fuel level, vacuum, water pressure, hour meter**
- **Controls: electric start and throttle, full spoil tank override, water pump clutch**
- **Spoil tank: 250 gal (946 L)**
- **Tank lift type: Dual hydraulic cylinders**
- **Maximum vacuum: 15" Hg (381 mm Hg)**
- **Water tank: 100 gal (379 L) (includes (2) 50 gal (189 L) saddle tanks)**
- **Trailer empty weight: 3,680 lb (1669 kg)**
- **Trailer axles: (2) 3,500 lb (1588 kg) tandem with electric brakes on both axles.**
- **Trailer Unit: 145" (368 cm) (L) x 91" (231 cm) (W) x 87" (221 cm) (H)**

*Full weights calculated using 8 lb/gal for water and 10 lb/gal for spoil.