THREE-STAGE CYCLONIC FILTRATION.
Engineered to prolong filter and blower life, the system is suitable for wet and dry applications. The cyclones use a tuned vortex system in which the outer vortex spiral forces small particles to fall into a separate canister. The filtered stream then passes up through the inner cyclone tube and is carried to the final poly filter.

REVERSE FLOW.
Keeps your work moving forward with the ability to offload spoil faster and clear hose clogs quickly. Simply reverse the airflow by changing the valve position for positive tank pressure.

SEWER JETTER. (OPTION)
The J12-30 Sewer Jetter system turns your Vermeer vacuum system into a versatile jetter/vac combination unit. The Sewer Jetter is available on VX75 vacuum systems and is capable of cleaning pipes and culverts up to 12” (45.72 cm) in diameter. The Sewer Jetter features an electric retract jettet reel and is controlled by a tethered remote.

IN-TANK WASHDOWN.
Delivers a high-pressure water spray to the tank interior helping simultaneously dump material and clean the inside of the tank. Saves clean up time and makes it easier to remove difficult debris.

HYDRAULIC BOOM. (OPTION)
4” or 5” Exclusive telescoping boom maintains hose length during extension and incorporates a remote-controlled hydraulic valve for vacuum shut off. Available with manual or hydraulic rotations.

CAM-OVER REAR DOOR.
Provides a 360-degree positive seal, even under reverse pressure without additional clamping requirements. The highly reliable cam-over door has no in-tank moving parts, so all maintenance is external.
**VX75 500/800/1200® VERMEER VACUUM EXCAVATOR BUILT BY MCLAUGHLIN**

### GENERAL WEIGHTS & DIMENSIONS: 500 GALLON

| Empty Weight: | 7,130 lbs (3,234 kg) |
| Length:       | 232” (589 cm) |
| Width:        | 96” (244 cm) |
| Height:       | 94” (239 cm) |
| Number of Water Tanks: | (2) 125 gal (473.2 L) |
| GVWR:         | 14,000 lbs (6,350.1 kg) |
| Trailer Axles: | (2) 7,000 lbs (3,175 kg) |

### GENERAL WEIGHTS & DIMENSIONS: 800 GALLON

| Empty Weight: | 9,590 lbs (4,350 kg) |
| Length:       | 265” (673 cm) |
| Width:        | 97.2” (247 cm) |
| Height:       | 97.2” (247 cm) |
| Number of Water Tanks: | (2) 205 gal (776 L) |
| GVWR:         | 18,000 lbs (8,164.7 kg) |
| Trailer Axles: | (2) 9,000 lbs (4,082 kg) |

### GENERAL WEIGHTS & DIMENSIONS: 1200 GALLON

| Empty Weight: | 12,390 lbs (5,620 kg) |
| Length:       | 259” (658 cm) |
| Width:        | 102” (259 cm) |
| Height:       | 113” (287 cm) |
| Number of Water Tanks: | (2) 205 gal (776 L) |
| GVWR:         | 26,000 lbs (11,793.4 kg) |
| Trailer Axles: | (2) 12,000 lbs (5,443 kg) |

### ENGINE

- **Make and Model:** Deutz TD 2.9 L 4 Cyl
- **Type:** Turbo Diesel In-Line 4 Cyl with EGR and DOC
- **Max Engine rpm:** 2600
- **Gross Horsepower:** 74 hp (55 kW)
- **Displacement:** 2.9 L (177 cu in)
- **Aspiration:** Turbo Charged
- **Emissions Rating:** Tier 4 Final (EU Stage III B)
- **Fuel Tank:** 22 gal (83.3 L)
- **Enclosure:** Full Sound Dampening with Lockable Doors
- **Auto Belt Tensioner:** Water Pump: Yes; Blower: Yes

### VACUUM

- **Filtration:** 3 Stage Cyclonic - Standard
- **Final Filter:** 2 Micron Washable Filter
- **Vacuum Blower Type:** PD Blower
- **Vacuum Blower:** 1,200 cfm (34 m³/min)
- **Vacuum Mercury:** 15” hg (.5 bar)
- **Hose Length:** 3-10’ (3.04 m)
- **Hose Diameter:** 5” (12.7 cm)

### SPOIL TANK

- **Spoil Tank Capacity:** 500/800/1200 gal (1,892.7/3,028.3/4,542.5 L)
- **Rear Door Type:** Cam-Over Hydraulic
- **In-Tank Washdown:** Standard
- **Full Tank Shutoff:** Mechanical float/Electric shutdown
- **Tank Lift Type:** Dual Hydraulic Cylinder

### WATER SYSTEM

- **Total Water Tank Capacity:** 250 / 410 gal (946.4/1552 L)
- **Number of Tanks:** (2) 125 / 205 gal (473.2 L/776 L)
- **Water Pump:** 8 gpm x 3000 psi (34 lpm x 1.4 bar)
- **High Pressure Hose Length:** 50’ (15.2 m)
- **Low Water Shutoff:** Electric

### BOOM

- **Weight:** 1200 lb (544.3 kg)
- **Reach:** 14’ (4.3 m)
- **Movement:** 270 degrees on 14” turret bearings
- **Remote Control:** Wireless

### AVAILABLE OPTIONS

- **Reverse Flow**
- **Hot Box Water Heater**
- **Arrow Board**
- **Hydraulic Boom:** Manual or Hydraulic Rotation
- **Air Compressor**
- **Sewer Jetter**

Specifications subject to change without notice.

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