POWERFUL
The UltraVac Model T-3000 is a powerful, efficient, dust-free, vacuum module mounted on a 3-axle truck chassis for the removal of dry materials, sludges, slurries and liquids from remote, difficult-to-access locations.

EFFICIENT
Vibration and premature wear of the positive-displacement pump is eliminated due to the unique design of the direct-driven blower system.

HEAVY DUTY
Constructed of 3/16” steel, (1/4” Corten steel available) the T-3000 is built rugged to withstand the abuses associated with vacuum loading of bulk material.

Unique Features of the T-3000
- Parallel filtration system utilizing separate baghouses and air flow paths for wet and dry applications.
- Automatic wet/dry changeover accessible at ground level.
- Dual hydraulic lift cylinders ensure stability at a 50 degree dump angle.
- Easily-accessed ducting permits easy cleaning.
- Transfer case or separate engine drive.
- Easy-view control panel.
T-3000 SPECIFICATIONS

Filtration System: The UltraVac T-3000 features a parallel filtration design with separate baghouses and air flow paths in both wet and dry applications. The filter retainers are equipped with a venturi for maximum filter cleaning.

Collector Body: A 9 cubic yard (6.9 m³) capacity square collector body is constructed of 3/16" reinforced steel. Materials enter the collector through a rear-mounted port. A separator located at the center of the top of the collector body ensures even loading from front to rear. The dust-laden air is conveyed to the baghouses located on either side of the main collector body. The baghouses and main collector body dump integrally. The main compartment is equipped with a high level inspection door for dry material and sight gauge for wet material.

Wet-Dry Mode Operation: The unit is capable of wet and dry mode operation. Switch-over is done at the control panel to eliminate the need to enter or climb on top of the collector body.

Instrumentation: All instrumentation is mounted in a NEMA IV control panel with a replaceable plexiglass front for easy monitoring.

Hydraulic System: Dual hydraulic, high efficiency lift cylinders achieve a 50 degree dump angle. Tailgate is fully hydraulic for open, close, lock and unlock.

Blower: The UltraVac T-3000 utilizes a Roots style positive displacement vacuum pump.

Performance Data:
- Air Volume: 3125 CFM (88.3 m³/min) at atmosphere and 2650 CFM (74.9 m³/min) of 15" Hg. at standard conditions
- Material Handling Rate: 500 lbs/min (226.5 kg/min) nominal 1000 lbs/min (453.5 kg/min) maximum
- Conveying Distance: 300 ft. (91.5 m) nominal 500 ft. (152.4 m) maximum

Options Available:
- Hydraulic boom, pneumatic conveyor, vibrator (air, electric, hydraulic) full load shutdown, blower protection package, safety package, Corten steel collector body, interior body coating, and HEPA filtration.

Hi-Vac Corporation is the world’s largest manufacturer of positive-displacement pump-type portable, stationary, truck/trailer mounted, self-propelled and custom central manifold vacuum systems. Electric, diesel or L.P. gas-powered units range from 10 HP (7.5 kw) to 300HP (224 kw) and are renowned for their rugged construction. Company offering includes the Hi-Vac and UltraVac product lines as well as custom units and systems.

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