

THE GO-ANYWHERE VACUUM LOADER

Hi-Vac

proudly presents the

ultraVac T-475



UltraVac's T-475 consists of a power module, vacuum pump, filtration system and collector body mounted on a compact, heavy-duty, single-axle truck chassis. Gets the job done even in difficult-to-access areas (as shown at left). Put the T-475 to work for you.

GOES ANYWHERE TO DO THE JOB

The new UltraVac T-475 is a highly maneuverable, industrial vacuum loader with a mid-range power supply and load capacity. It's the go-anywhere, pick-up anything vacuum loader.

BOOSTS EFFICIENCY, COST EFFECTIVENESS

This one-worker vehicle will improve the efficiency and cost-effectiveness of industrial material handling and cleanup operations. One worker drives to the job site, loads, drives to the dump site, and empties . . . again and again. It's that simple with the T-475.

FEATURES EXPANDED CAPABILITY

UltraVac's new T-475 features an expanded load-carrying capability that readily discharges through a hydraulic tailgate. The unit features many of the hard-working advantages of UltraVac's traditional 9, 16, and 18 cubic yard (6.9, 12.2, and 13.7 m³), chassis-mounted models.

MANEUVERS IN CONFINED AREAS

The compact T-475 is ideally suited to all those confined areas where larger vacuum units just won't fit. The UltraVac T-475: versatility and maneuverability . . . at a price your budget can handle.

UTILIZES STATE-OF-THE ART COMPONENTS

This mobile vacuum loader consists of a power module, vacuum pump, filtration system and collector body mounted on a compact, heavy-duty, single-axle truck chassis.

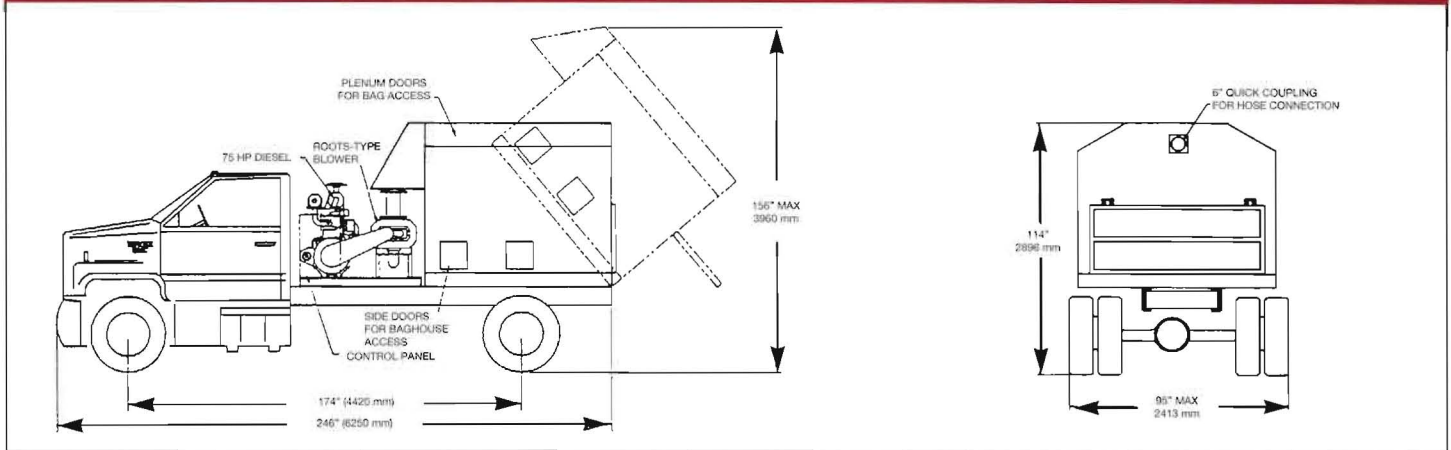
POWER MODULE: Your choice of separate-engine drive—75 HP (57 KW) diesel—or PTO drive.

VACUUM PUMP: Roots-type positive displacement rotary blower. **Maximum Air Volume:** 2150 CFM (61 m³/min.) **Maximum Vacuum:** 15" Hg (5167 mm H₂O) at sea level. **Drive Method:** Matched V-belts for separate engine model. Drive shaft for PTO model.



Special features on the UltraVac T-475 include the Easy-View Control Panel (at left above). UltraVac's Centrifugal Separator (left center) provides superior separation performance. Balanced load distribution is accomplished in the concentrically-loaded collector body. Bag changes are achieved in an hour or less (right center) – no tools needed. The unique Filtration System (right) provides access to the bags and ductwork. Also shown at right: the blast pipe and air manifold mountings in the collector body doors.

T-475 WORK-READY SPECIFICATIONS



FILTRATION SYSTEM: The UltraVac T-475 features a continuous, reverse pulse-air cleaning filtration system. With Snap-Lok filter bags and venturi-style bag retainers, bag changes are made in less than an hour—**no tools needed**. Standard units are equipped with both wet and dry filters. Air to cloth ratio: 9.8:1 (dry mode), 39:1 (wet mode).

COLLECTOR BODY: A large 4 cubic yard (3.7 m³) capacity collector body raises and lowers hydraulically and features a hydraulically-actuated tailgate. The reinforced carbon steel collector body weathers the abuses associated with industrial bulk materials collection. Automatic vacuum relief valves are factory set to prevent collector body and positive displacement blower damage.

Materials enter the collector through a rear-mounted 6" port. A centrifugal separator located at the center of the top of the collector body assures even loading from front to rear. A hydraulic cylinder lifts the collector body to a nominal 50 degree dump angle. All airflow paths, bag-houses and collector body interior can be cleaned through hinged doors. No difficult-to-access ducting.

HYDRAULIC SYSTEM: High-efficiency Chelsea pump with 6-bolt transmission mount.

EASY-VIEW CONTROL PANEL: Mounted above the frame on the driver's side, the NEMA IV panel with plexiglass front enables the operator to monitor the engine as well as the vacuum system without opening the panel door.

PERFORMANCE DATA:

Air Volume: 2150 CFM (61 m³/min.) at sea level. 1800 CFM at maximum load (51 m³/min.).

Material Handling Rate: Nominal—350 lbs./min. (159 kg./min.). Maximum—700 lbs./min. (318 kg./min.).

Conveying Distance: Nominal—200 feet (61 meters). Maximum—400 feet (122 meters).

TRUCK CHASSIS: Your choice of GMC, Ford or Navistar heavy-duty industrial chassis. GVWR: 30,000 lbs. (13608 kg.)

FINISH: The vacuum unit is finished in white or your choice of any other single acrylic enamel color.

OPTIONS AVAILABLE: Decanting Valve, High Temperature Filter Bags, Safety Package, Corrosion-Resistant Collector Body, Vibrator, Special Paint.

PARTS AND SERVICE: Hi-Vac Corporation maintains a large parts inventory and offers complete in-house and field service programs. Hi-Vac provides on-site start-up of all newly purchased units.

HI-VAC CORPORATION manufactures, sells, and distributes industrial vacuum equipment ranging from 10 to 300 HP (7.5 to 224 KW). **UltraVac** is a product line of the **Hi-Vac Corporation**. Approximately 3,000 **Hi-Vac** and **UltraVac** units are at work in 50 countries around the world. Stationary, self-propelled and portable models, central manifold systems, truck and trailer-mounted units and custom-designed systems are all available.

Typical **Hi-Vac** applications include cleanouts of deep pits and dust collectors, cleanup of industrial spillage, and cleaning of catwalks, mechanical conveyors, industrial ductwork, bucket elevators and other hard-to-access areas in a limitless variety of industrial settings.

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Specifications subject to change without notice.