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.

3-STAGE CYCLONIC FILTRATION. Industry leading filtration system is engineered with cyclones using a tuned vortex system, suitable for wet and dry applications. (1) Outer vortex splits the air stream forcing small dust particulates out to the outer walls of the cyclone losing speed, falling and then collected into a separate collector. (2) Filtered air is pulled upward into the inner cyclone tube and carried to the final filtration cartridge. (3) Air is passed through a washable poly filter and cleaned to 2 micron.

IN-TANK WASH-DOWN SYSTEM. Delivers a high-pressure water spray to the tank interior. Saves cleanup time and makes it easier to remove difficult debris.

ECONOMICAL OPERATION. Delivers fuel savings of more than 50% compared to PTO drive and has lower maintenance costs compared to truck engine service. Offers the versatility to mount on new or used truck chassis or on off-road crawler carriers.

AUTO BELT TENSIONERS. Keeps proper belt tension at all times and extends belt life. Fast and simple belt replacement.

HYDRAULIC BOOM. Exclusive telescoping boom maintains hose length during extension and incorporates a remote controlled hydraulic valve for vacuum shut off. Available with manual or hydraulic rotation.
GENERAL WEIGHTS & DIMENSIONS: 500 GALLON
*Suggested Truck: 26,000 GVW / 14' Bed (4.3 m)
Length: 175” (444.5 cm)
Width: 97” (246.4 cm)
Height: 66” (167.6 cm)
Empty Weight: 5450 lb (2472.1 kg)

GENERAL WEIGHTS & DIMENSIONS: 800 GALLON
*Suggested Truck: 33,000 GVW / 16' Bed (4.9 m)
Length: 203” (515.6 cm)
Width: 97” (246.4 cm)
Height: 68” (167.6 cm)
Empty Weight: 6085 lb (2760.1 kg)

ENGINE
Make and Model: Kubota V2403-CR-E4B
Type: Vertical 4 cycle liquid-cooled Diesel
Max Engine rpm: 2600 rpm
Gross Horsepower: 48.9 hp (37 kW)
Displacement: 2.434 L (148.5 cu in)
Aspiration: Natural
Emissions Rating: Tier 4 Final (EU Stage IIIb)
Fuel Tank: 22 gal (83.3 L)
Enclosure: Full Sound Dampening

VACUUM
Type of Filters: 2 Micron Washable Spun Bond Poly*
Cyclonic Filtration System: Standard
Hose Length: (3) - 10'
Hose Diameter: 4” (10.2 cm)
Vacuum Mercury: 15” (38.1 cm)
Blower: 1025 cfm

SPOIL TANK
Spoil Tank Capacity: 500 gal/800 gal (1892.7 L/3028.3 L)
Rear Door Type: Cam-Over Hydraulic
In-Tank Washdown: Yes
Full Tank Shutoff: Mechanical/Electric
Tank Lift Type: Hydraulic

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: 5.6 gpm x 3000 psi (21.2 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: Standard
Strong Arm: N/A
Hydraulic Boom: Yes
Hot Box Water Heater: Yes

ECO VAC LINE BENEFITS:
PROVEN POWER SYSTEM. Uses a pony motor package and doesn’t rely on truck’s PTO drive for power.

UP TO $13,000 IN ANNUAL FUEL SAVINGS. Kubota 49-hp (36.5 kW) diesel engine burns 50 percent less fuel per hour than a 270-hp (149.2 kW) diesel truck engine.

REDUCED MAINTENANCE. Engine requires routine maintenance every 400 hours — compared to diesel truck engines with service intervals every 125 hours — and fewer oil changes.

CONSISTENT PERFORMANCE. Kubota 49-hp (36.5 kW) diesel engine delivers constant power to the vacuum excavator — versus the lower, intermittent power provided by a truck PTO drive.

ADDED VERSATILITY. Mounts to virtually any new or used 26,000 lb (11,793.4 kg) GVW, 14’ (4.3 m) bed truck or 33,000 lb (14,968.5 kg) GVW, 16’ (4.9 m) bed truck.

*It is the customers responsibility to comply with local regulations regarding axle weights and total truck weights.
*Seasoned to 99% efficient at sub-micron filtration. Hepa Filters also available.