

VX75 VACUUM EXCAVATOR



THREE-STAGE CYCLONIC FILTRATION.

Engineered to help 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.



COMPACT CORE DRILL (OPTION).

The Compact Core Drill allows vacuum excavation to be performed in areas where pavement or asphalt must be removed prior to potholing by cutting a uniform hole into the pavement. Its patented vacuum suction base keeps it securely in place while the hydraulic pump powers the drill. The Compact Core Drill is capable of cutting holes 6 in, 8 in or 10 in (15.2 cm, 20.3 cm or 25.4 cm) in diameter.



IN-TANK WASH-DOWN.

Delivers a high-pressure water spray to the tank interior helping simultaneously dump material and clean the inside of the tank. Minimizes clean up time and helps remove difficult debris.



SEWER JETTER (OPTION). The Sewer Jetter system turns your Vermeer vacuum system into a versatile jetter/vac combination unit. It is available with 12 gpm @ 3,000 psi or 18 gpm @ 2,000 psi with 500 ft (152 m) x 1/2 in (1.3 cm) jetter hose.



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 a no in-tank moving parts, so all maintenance is external.



HYDRAULIC BOOM (OPTION). 4 ft or 5 ft (10.2 cm or 12.7 cm) 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.

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GENERAL DIMENSIONS	500	800	1200
Length	232 in (589 cm)	265 in (673 cm)	259 in (658 cm)
Width	96 in (244 cm)	97.2 in (247 cm)	102 in (259 cm)
Height	94 in (239 cm)	97.2 in (247 cm)	113 in (287 cm)
Empty weight	7,130 lb (3,234 kg)	9,590 lb (4,350 kg)	12,390 lb (5,620 kg)
GVWR	14,000 lb (6,350.1 kg)	18,000 lb (8,164.7 kg)	26,000 lb (11,793.4 kg)
Trailer axles	(2) 7,000 lb (3,175 kg)	(2) 9,000 lb (4,082 kg)	(2) 12,000 lb (5,443 kg)
ENGINE			
Make and model	Deutz tier 4 final diesel	Deutz tier 4 final diesel	Deutz tier 4 final diesel
Horsepower	74 hp (55 kW)	74 hp (55 kW)	74 hp (55 kW)
Fuel tank	22 gal (83.3 L)	22 gal (83.3 L)	22 gal (83.3 L)
Enclosure	Yes	Yes	Yes
WATER TANK			
Water tank capacity	250 gal (946 L)	410 gal (1,552 L)	410 gal (1,552 L)
Number of tanks	2	2	2
High pressure pump	8 gpm x 3,000 psi (34 L/min x 207 bar)	8 gpm x 3,000 psi (34 L/min x 207 bar)	8 gpm x 3,000 psi (34 L/min x 207 bar)
High pressure hose length	50 ft (15.2 m)	50 ft (15.2 m)	50 ft (15.2 m)
Low water shutoff	Electric	Electric	Electric
SPOIL TANK			
Spoil tank capacity	500 gal (1,892.7 L)	800 gal (3,028 L)	1,200 gal (4,542.5 L)
Rear door type	Cam-over hydraulic	Cam-over hydraulic	Cam-over hydraulic
Tank lift type	Dual cylinder	Dual cylinder	Dual cylinder
VACUUM			
Type of filter	2 micron washable filter	2 micron washable filter	2 micron washable filter
Hose length	(3) 10 ft (3.04 m)	(3) 10 ft (3.04 m)	(3) 10 ft (3.04 m)
Hose width	4 in (10.2 cm)	4 in (10.2 cm)	4 in (10.2 cm)
Vacuum	1,200 cfm (2,039 m ³ /hr)	1,200 cfm (2,039 m ³ /hr)	1,200 cfm (2,039 m ³ /hr)
Vacuum blower type	PD blower	PD blower	PD blower
Vacuum mercury	15 in hg (.5 bar)	15 in hg (.5 bar)	15 in hg (.5 bar)
BOOM - OPTIONAL			
Weight	1,200 lb (544 kg)	1,200 lb (544 kg)	1,200 lb (544 kg)
Hose diameter	4 in / 5 in (10 cm / 12 cm)	4 in / 5 in (10 cm / 12 cm)	4 in / 5 in (10 cm / 12 cm)
Reach	14 ft (4.3 m)	14 ft (4.3 m)	14 ft (4.3 m)
Movement	270 degrees in 14 in turret bearings	270 degrees in 14 in turret bearings	270 degrees in 14 in turret bearings
Remote control	Wireless	Wireless	Wireless
JETTER PUMP - OPTIONAL			
Water flow	12 gpm/18 gpm	12 gpm/18 gpm	12 gpm/18 gpm
Water pressure	3,000 psi / 2,000 psi	3,000 psi / 2,000 psi	3,000 psi / 2,000 psi
Jetter hose length	500 ft (152 m)	500 ft (152 m)	500 ft (152 m)
Jetter hose diameter	.5 in (1.3 cm)	.5 in (1.3 cm)	.5 in (1.3 cm)
AIR COMPRESSOR - OPTIONAL			
Air flow	185 cfm	185 cfm	185 cfm
Air pressure	100 psi	100 psi	100 psi
Air hose length	50 ft (15.24 m)	50 ft (15.24 m)	50 ft (15.24 m)
Air hose size	1 in (2.54 cm)	1 in (2.54 cm)	1 in (2.54 cm)
OPTIONS (FOR ALL)			

- Hot box water heater
- Arrow board
- Hydraulic boom: Manual or hydraulic rotation

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