

# VX50 VACUUM EXCAVATOR



**NO HASSLE HOSE.** Hang the suction hose on the side of the machine when moving between jobsites instead of coiling or disconnecting it to optimize productivity.



**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.



**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.



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



**AUTO BELT TENSIONERS.** Keeps proper belt tensions at all times and helps extend belt life.



**REMOTE DRAINS.** Remote fluid drains and grease points are centrally located near operator controls for ease of service.

# VX50 VACUUM EXCAVATOR

DIMENSIONS - TRAILER	500	500LT	800	800LT	1200
Length	203.5 in (516.9 cm)	203.5 in (516.9 cm)	237.3 in (602.7 cm)	237.3 in (602.7 cm)	268.5 in (682.0 cm)
Width	98.1 in (249.2 cm)	98.1 in (249.2 cm)	98.1 in (249.2 cm)	98.1 in (249.2 cm)	101.5 in (257.8 cm)
Height	85.9 in (218.2 cm)	85.9 in (218.2 cm)	91.9 in (233.4 cm)	91.9 in (233.4 cm)	112.8 in (286.5 cm)
Empty weight	6,370 lb (3,025.5 kg)	6,250 lb (2,834.9 kg)	7,270 lb (3,297.6 kg)	7,170 lb (3,252.3 kg)	9,275 lb (4,201.1 kg)
GVWR	12,000 lb (5,443.1 kg)	9,999 lb (4,535.5 kg)	18,000 lb (8,164.7 kg)	16,000 lb (7,257.5 kg)	26,000 lb (11,793.4 kg)
Trailer axles	(2) 6,000 lb (2,721 kg)	(2) 6,000 lb (2,721 kg)	(2) 9,000 lb (4,082.3 kg)	(2) 9,000 lb (4,082.3 kg)	(2)15,000 lb (6,803.9 kg)
ENGINE					
Make and model	Kubota Tier 4 Final	Kubota Tier 4 Final	Kubota Tier 4 Final	Kubota Tier 4 Final	Kubota Tier 4 Final
Horsepower	49 hp (36.5 kW)	49 hp (36.5 kW)	49 hp (36.5 kW)	49 hp (36.5 kW)	49 hp (36.5 kW)
Fuel tank capacity	22 gal (83 L)	22 gal (83 L)	22 gal (83 L)	22 gal (83 L)	22 gal (83 L)
Enclosure	Yes	Yes	Yes	Yes	Yes
WATER TANK					
Water tank capacity	250 gal (946 L)	100 gal (379 L)	410 gal (1,552 L)	250 gal (946 L)	410 gal (1,552 L)
Number of tanks	2	2	2	2	2
High pressure pump flow rate	5.6 gpm (21.2 L/min)	5.6 gpm (21.2 L/min)	5.6 gpm (21.2 L/min)	5.6 gpm (21.2 L/min)	5.6 gpm (21.2 L/min)
High pressure pump	3,000 psi	3,000 psi	3,000 psi	3,000 psi	3,000 psi
High pressure hose length	50 ft (15 m)	50 ft (15 m)	50 ft (15 m)	50 ft (15 m)	50 ft (15 m)
Low water shutoff	Electric	Electric	Electric	Electric	Electric
SPOIL TANK					
Spoil tank capacity	500 gal (1,892.7 L)	500 gal (1,892.7 L)	800 gal (3,028.3 L)	800 gal (3,028.3 L)	1,200 gal (4,542.5 L)
Rear door type	Cam-over hydraulic	Cam-over hydraulic	Cam-over hydraulic	Cam-over hydraulic	Cam-over hydraulic
Tank lift type	Dual cylinder	Dual cylinder	Dual cylinder	Dual cylinder	Dual cylinder
VACUUM					
Type of filters	2 micron washable	2 micron washable	2 micron washable	2 micron washable	2 micron washable
Hose length	(2) 15 ft (4.6 m)	(2) 15 ft (4.6 m)	(2) 15 ft (4.6 m)	(2) 15 ft (4.6 m)	(2) 15 ft (4.6 m)
Hose width	4 ft (10.2 cm)	4 ft (10.2 cm)	4 ft (10.2 cm)	4 ft (10.2 cm)	4 ft (10.2 cm)
Vacuum	1,025 cfm (1,741 m <sup>3</sup> /hr)	1,025 cfm (1,741 m <sup>3</sup> /hr)	1,025 cfm (1,741 m <sup>3</sup> /hr)	1,025 cfm (1,741 m <sup>3</sup> /hr)	1,025 cfm (1,741 m <sup>3</sup> /hr)
Vacuum blower type	PD blower	PD blower	PD blower	PD blower	PD blower
Vacuum mercury	15 in hg (.5 bar)	15 in hg (.5 bar)	15 in hg (.5 bar)	15 in hg (.5 bar)	15 in hg (.5 bar)
CONTROL PANEL					
Controls	Curbside	Curbside	Curbside	Curbside	Curbside
Gauges	Analog	Analog	Analog	Analog	Analog
OPTIONS					
<ul style="list-style-type: none"> <li>Hot box water heater</li> <li>Arrow board</li> </ul>	<ul style="list-style-type: none"> <li>Strong arm</li> <li>Manual or hydraulic rotation boom</li> </ul>				

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