

VX30 GEN3 VERMEER VACUUM EXCAVATORS BY MCLAUGHLIN



THREE STAGE CYCLONIC FILTRATION.

Engineered to 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 carried to the final poly filter.



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.



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. Saves clean up time and makes it easier to remove difficult debris.



LOCKABLE CONTROL PANEL. All machine controls and gauges are secured and out of the elements.



NO HASSLE HOSE. Hang the suction hose on the side of the machine when moving between jobsites instead of coiling or disconnecting it, increasing productivity and reducing operator fatigue.



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

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Vermeer



Built by

MCLAUGHLIN

VX30 GEN3 300/500/800 Vermeer Vacuum Excavators by McLaughlin

ENGINE

Make and Model: Kubota V1524B4-1VC1

Fuel Type: Diesel

Gross Horsepower: 24.8 hp (18.49 kw)

Number of Cylinders: 4

Cooling Method: Water/Antifreeze

Fuel Tank: 22 gal (83.3 L)

Enclosure: Full Sound Dampening

Auto Belt Tensioner: Blower and Water Pump

SPOIL TANK

Spoil Tank Capacity: 300/500/800 gal (1135/1892/3028 L)

Rear Door Type: Cam-Over Hydraulic

In-Tank Washdown: Standard

Full Tank Shutoff: Mechanical float/Electric shutdown

Tank Lift Type: Dual cylinder

VACUUM

Filtration: 3 Stage Cyclonic - Standard

Final Filter: 2 Micron Washable Filter

Vacuum Blower Type: PD Blower

Vacuum Blower: 575 cfm (16.28 cm m/min)

Vacuum Mercury: 15" hg

Hose Length: (2) 15' (457 cm)

Hose Diameter: 3" (7.62 cm)

WATER SYSTEM

Water Pump Flow: 4 gpm (15 L/min)

Water Pump Pressure, max: 3,000 psi

Clutch Type: Electric Auto Clutch

High Pressure Hose Length: 50' (15 m)

Low Water Shutoff: Electric

GENERAL WEIGHTS & DIMENSIONS: 300 GALLON

Empty Weight: 5,330 lbs (2,417 kg)

Length: 188" (477.52 cm)

Width: 98" (248.92 cm)

Height: 87" (220.98 cm)

Water Tanks: (2) 50 gal (189 L)

GVWR: 9,999 lbs

Trailer Axles: (2) 6,000 lbs (2,721 kg)

GENERAL WEIGHTS & DIMENSIONS: 500 GALLON

Empty Weight: 5,700 lbs (2,585 kg)

Length: 214" (543.56 cm)

Width: 98" (756.92 cm)

Height: 87" (220.98 cm)

Water Tanks: (2) 125 gal (473 L)

GVWR: 12,000 lbs

Trailer Axles: (2) 6,000 lbs (2,721 kg)

GENERAL WEIGHTS & DIMENSIONS: 500 GALLON LT

Empty Weight: 5,570 lbs (2,526 kg) *Spoil Tank Capacity 425 gal

Length: 214" (543.56 cm)

Width: 98" (756.92 cm)

Height: 87" (220.98)

Water Tanks: (2) 50 gal (189 L)

GVWR: 9,999 lbs

Trailer Axles: (2) 6,000 lbs (2,721 kg)

GENERAL WEIGHTS & DIMENSIONS: 800 GALLON

Empty Weight: 6,720 lbs (3,042 kg)

Length: 237.3" (602.74 cm)

Width: 98" (756.92 cm)

Height: 91.9" (233.42 cm)

Water Tanks: (2) 205 gal (776 L)

GVWR: 18,000 lbs

Trailer Axles: (2) 9,000 lbs (4,082 kg)

GENERAL WEIGHTS & DIMENSIONS: 800 GALLON LT

Empty Weight: 6,620 lbs (3,002 kg)

Length: 237.3" (602.74 cm)

Width: 98" (248.92 cm)

Height: 91.9" (233.42 cm)

Water Tanks: (2) 125 gal (473 L)

GVWR: 16,000 lbs

Trailer Axles: (2) 9,000 lbs (4,082 kg)

AVAILABLE OPTIONS

Reverse Flow: Standard

Strong Arm: Optional

Hot Box Water Heater: Only 500/800 non-LT

Arrow Board: Optional

No Hassle Hose: Optional

Specifications subject to change without notice.

Equipment shown is for illustrative purposes only and may display optional accessories or components. Please contact your local Vermeer dealer for more information on machine specifications.

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