

# VX30 GEN 3 VACUUM EXCAVATOR VERMEER VACUUM EXCAVATOR 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**



**MCLAUGHLIN**  
A VERMEER COMPANY

# 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 Shut Down

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.

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