

VT4000

The VT 4000 Off Highway Terra Tired Vacuum Truck is a three axle, all wheel driven transporter. This high floatation vehicle provides economic transportation of payloads up to 16 tons in marginal terrain conditions.



FOREMOST

DESIGN. BUILD. PERFORM.

Engineered solutions for the resource industry.

FOREMOST VT4000

PERFORMANCE

Turning radius	26.7 ft	8.1 m
Maximum speed	16 mph	26 km/h
Ground clearance	1.7 in	534 mm

WEIGHTS

Tare	76,500 lbs	34,700 kg
Payload	32,000 lbs	14,515 kg
G.V.W.	108,500 lbs	49,215 kg

STANDARDS

Brakes	SAE J/ISO 3450-1998
Cab/FOBS	SAE J231 JAN81 and ISO 3449-1992 Level II
Cab/ROPS	SAE J1040 May 1994 and

SUSPENSION

Front Undercarriage	Torsional Coil Spring. Oil bath, metal face seals
Rear Undercarriage	Walking Beam & Torsional Coil Spring

SERVICE REFILL CAPACITIES

Fuel Capacity	148 Gal	560 Litres
Payload	61.6 Gal	233 Litres

DIMENSIONS

Total Length	43 ft 9 in	10.9 m
Width -tracks	13 ft 8.5 in	4.0 m
Height	13 ft	3.2 m

GROUND PRESSURE*

Tons	LOAD		PRESSURE	
	Tonnes	PSI	kg/cm ²	
0	0	21.0	1.5	
5	4.2	23.7	1.7	
10	9.1	26.5	1.9	
15	13.6	29.2	2.1	
16	14.5	29.7	2.1	

*Based on above unit no additional options
*Tire contact area based on flat plate contact

ENGINE & TRANSMISSION

CAT 3176C Electronic Engine, Delivers high power, durability and complete system integration of the engine and transmission for maximum efficiency, High torque rise, Turbo charged and ATAAC, Electronic Control Module, 5 Speed Electronic Transmission designed specifically for the articulated truck, Controlled Throttle Shifting, Electronic Clutch Pressure Control, Retarder.

STEERING & DIFFERENTIAL

Cross Axle differential locking system provides full driveline locking for maximum performance.

SUSPENSION

Front: Three point front suspension oscillates +/- 6 degrees to provide a smooth ride over rough terrain. Suspension softening impact loads on structures and components. **Rear:** Mechanical walking beam providing a stable ride.

TIRES, WHEELS, AND BRAKES

Firestone, 66 x 43.00 x 25-16 PR tubeless. Disc type wheels. Parking: Located on front of rear differential, in an elevated position to keep out of the dirt. Designed to give higher heat capacity and abuse resistance.

CAB

Comfortable, spacious two person cab, center mounted with low pressure ride struts offers superior levels of ride comfort for the operator in all driving conditions. Fully adjustable air suspension seat with dual sided support recliner and thicker cushions.

4000 Imp. Gal Vacuum tank (114 BBL)

Blower System

72 in. x 18 ft long x 5/16 in. thick	Hibon VTB 820 blower
72 in dia. X 5/16 in. thick front head	Positive displacement lobe type blower
72 in dia. X 3/8 in. thick rear head	intake air cooling system
3/8 in angle iron tank pedestals	1400 CRM @ free air
one baffle	back flow check valve
20" top manway for clean out w/ ladder & small landing	6" - 4 way vacuum pressure selector valve
liquid level indicator	maximum vacuum 28 1/2 Hg.
6 in. air operated suction valve for hose boom	recommended speed 3400 RPM
30" hyd operated round mudgate with 4" manual valve	96 maximum H.P.
	6" port size
	intake and discharge silencers
	Direct mount Rexroth hydraulic motor
	Hydraulic oil cooler
	Hydraulic hose and fittings as required
	Multi function hydraulic control valve for allied function