

Truck Chassis Minimum Requirements

Engine 190 hp @ 2,500 rpm

Front Axle 9,000 lb
4,091 kg (3,864 kg suspension)**

Rear Axle 17,000 lb (7,955 kg) Rockwell

Cab to Axle 120 in (3,048 mm)

Wheel Base 182 in (4,623 mm)

Axle Frame 61 in (1,549 mm)

Gross Vehicle Weight 26,000 lb (11,818 kg)

Transmission FS-4205A Fuller or Allison
MD 3060

***Unit does not require CDL because of GVWR. See Factory Specifications for complete details.*

1. Required high gear hold.

2. Required rear-axle parking brake.

3. Air brakes optional, but may require CDL.

Systems Specifications

Debris Body

Round body 3.5 yd³ (2.7 m³) capacity; ³/₁₆ in (4.8 mm) abrasion- and corrosion-resistant steel; full-size rear door, top-hinged, equipped with replaceable neoprene seal; minimum 50° dump angle; manual latches; load level indicator; body drain hose; stainless steel float ball shut-off; full dump controls.

Vacuum System

Positive displacement, rotary lobe blower; 2,100 cfm and 15 in (381 mm) Hg vacuum; powered by chassis engine and driven via heavy-duty split shaft transfer case; exhaust silencer; fine mesh micro-strainer for protection.

Boom and Pick-Up Hose

Front-end operation; all connections between debris body and boom self-adjusting, pressure-fitting seals; 6 in (152 mm) ID on all hose and tubes; hydraulic 4 ft (1.2 m) extendible boom with 120° rotation; electric over hydraulic solenoid system; boom movement controls at the hose reel via pendant control with emergency shutdown switch; 20 ft (6 m) of aluminum suction pipe and over-center clamps.

High-Pressure Jet Rodder® Hose

500 ft x ³/₄ in (122 m x 19 mm) rodder hose; 3,000 psi operating pressure and 7,250 psi burst pressure; 15° sand nozzle and 30° sanitary nozzle; hose guide and rope.

High-Pressure Water Pump

Hydraulically driven, double-acting, single piston water pump; hydraulic pump driven off of truck engine via heavy-duty transfer case; front control engagement/disengagement; accumulator; pump capable of 40 gpm at 2,500 psi; independent flow and pressure capabilities at full vacuum; flooded suction inlet; capable of running dry without damage.

Water Tanks

Two cylindrical cells constructed of aluminum; 500 gal (1,893 L) capacity; positioned at frame rail for best weight distribution and center of gravity; single curbside fill point equipped with anti-siphon device; water level sight gauge; 10-year warranty against corrosion or cracking.

Front-Mounted Hose Reel

Reel assembly mounted on independent frame attached to truck frame; spun steel construction with no braces required; 120° rotation on heavy-duty bearing; 500 ft x ³/₄ in (152 m x 19 mm) hose capacity; hydraulic drive motor with speed and forward/reverse controls; adjustable, rotating swivel joints with replaceable seals on inlet line; all operating controls located on reel.

Brakes Hydraulic Front Disc/Rear

15 x 6 x ³/₄ in
(381 x 152 x 19 mm)

Rear Suspension 17,500 lb w/ 4,500 lb aux.
(7,955 kg w/ 2,045 kg aux.)

Manhole Cleaning Handgun

High-pressure water pump relieved to provide 20 gpm at 600 psi for cleaning manholes; 25 ft x ¹/₂ in (7.6 m x 13 mm) wire-reinforced hose; quick-connect coupler; midship mount; variable flow pattern, fine mist to steady stream.

Electric and Hydraulic System

All connections sealed; hydraulic reservoir; modular, accessible and removable 35 gal (132.5 L) hydraulic reservoir.

Mounting and Paint

Subframe mounting on approved chassis; all metal surfaces are shot-blasted; primed with high-density primer; unit painted in modules, eliminating painting exposure to hose, fittings, electrical wires and connections.

Warranty

The Vactor 2100 series is warranted against defects in material or workmanship for a period of 12 months from the date of delivery to the original purchaser; 5-year warranty on the debris body and 10-year warranty on the water tanks. Optional extended warranty packages are available. Consult your Vactor dealer for complete warranty information.

Your Vactor Dealer is:

Specifications subject to change without notice.
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VACTOR
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Responsive, Versatile and Economical

A sewer line blockage. A broken storm water line. Traffic is diverted. When you need quick response, call out the Vactor 2103. Powerful enough to tackle virtually any job a big machine can do, the 2103 is midsize for lower operating costs and greater maneuverability. And it's designed and manufactured to the same exacting standards as full-size Vectors.

Who depends on the Vactor 2103? Municipalities add it to their fleets as a fast-response, emergency back-up vehicle. Small communities use it as a low-cost alternative for regular maintenance and storm water line problems. Contractors and utilities choose it for the lower operating costs and great versatility. And drivers do not require a CDL to operate a 2103.

1 Fully Hydraulic Boom and Pick-Up Hose

Provides effortless in/out and up/down and left/right movement with 120° rotation for easy positioning into hard-to-reach areas. Trouble-free hydraulic power eliminates adjustment and maintenance problems common to sprocket and chain systems.

2 Powerful Positive Displacement Vacuum Blower

Blower is a positive displacement, rotary-drive type, chassis-driven directly through a heavy-duty transfer case. The beltless drive eliminates drive line slips and intensive maintenance while boosting efficiency and reliability. Maximum inlet volume is 2,100 cfm and 15 in (381 mm) Hg vacuum.

3 Direct-Driven Hydraulic Water Pump

The hydraulic water pump is direct-driven by the truck engine via a high-performance transfer case.

4 Easy Load, Fast Dump Debris Body

3.5 yd³, 707 gal capacity with safe and efficient design that shields the operator from potential contamination. Made of 3/16 in (4.76 mm) corrosion- and abrasion-resistant steel, with full 50° dump angle.

5 Multi-Stage Blower Filtration System

Exclusive Vactor design provides unmatched blower protection to ensure optimum service life and productivity.

- a) Air porting maximizes material separation in the debris body
- b) Stainless steel ball shut-off prevents liquid debris carry-over
- c) Fine mesh micro strainer removes particles to provide ultimate blower protection

6 Exclusive Jet Rodder® Water Pump

Specifically designed for sewer cleaning applications, the Jack Hammer® action pounds through blockages and virtually scours pipes clean. It delivers maximum continuous flow and 2,500 psi with minimal wear. Superior beltless hydraulic drive with instant on/off at operator station.

7 Front-Mounted Hose Reel

Front mount provides the operator with a safe, efficient workstation. Reel provides 120° rotation on a heavy-duty bearing with 500 ft x 3/4 in (152 m x 19 mm) hose capacity. Hydraulic-driven with speed and forward/reverse controls conveniently located at the reel.

8 Aluminum Water Tanks

Non-corrosive, rust- and crack-resistant design backed by a 10-year warranty. Baffled cylindrical shape adds high strength and durability.

Multiple Options

- Debris body flush out
- Body load limit alarm
- Rear door butterfly valve
- Pump-off system
- Hydraulic rear door locks
- Low water alarm
- Low water warning light
- Y-filter at tank fill
- Cold weather recirculation
- Hose footage counter
- Light accessory package, stripe packages

