

# VACTOR 2103



**VACTOR**  
WORK ASSURED

# 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, greater maneuverability and it's designed and manufactured to the same exacting standards as full-size Vactors.

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. Drivers do not require a CDL to operate a 2103.



**A. Front-Mounted Hose Reel - For Safe Work Station**  
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.

**B. Fully Hydraulic Boom and Vacuum Hose**  
Provides effortless in/out, up/down and left/right movement with extendable 120 degree rotation for easy positioning in hard to reach areas. Boom movement controls are at the hose reel via a pendant with emergency shut-down switch if necessary. The trouble-free hydraulic power eliminates adjustment and maintenance problems.

**C. Powerful Positive Displacement Vacuum**  
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.

**D. Multi-Stage Blower Filtration System**  
Exclusive Vactor design provides unmatched blower protection to ensure optimum service life and productivity.

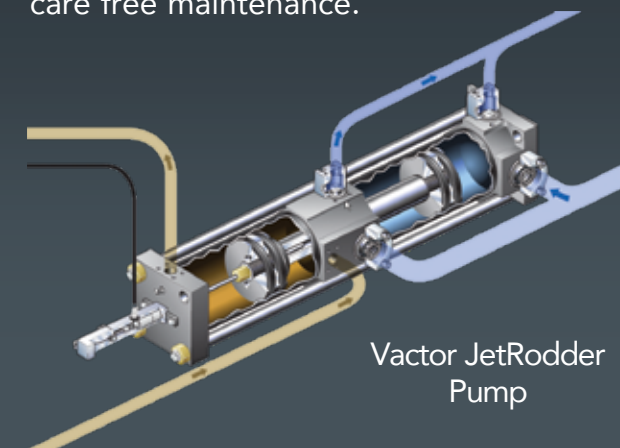
- 1) Air porting maximizes material separation in the debris body
- 2) Stainless steel ball shut-off prevents liquid debris carry-over
- 3) Fine mesh micro strainer removes particles to provide ultimate blower protection

**E. Non-Corrosive Aluminum Water Tanks**  
Non-corrosive, rust and crack resistant design backed by a 10 year warranty. Baffled cylindrical shape adds high strength and durability. Positioned at the frame rail for best weight distribution and center of gravity with a single curbside fill point equipped with an anti-siphon device and water level sight gauge.

**F. Easy Load, Fast Dump Debris Body**  
Round 3.5 yd<sup>3</sup> (2.7 m<sup>3</sup>) capacity debris body with safe efficient design that shields the operator from potential contamination. Made of 3/16 in (4.8 mm) abrasion and corrosion resistant steel, and featuring a full-size rear door that is top hinged, equipped with a replaceable neoprene seal. The debris body tilts to a full 50 degree dump angle for thorough debris discharge.

## JetRodder® Water Pump Uniquely Designed For Sewer Cleaning

The Vactor water pump system on the 2103 is capable of 40 GPM at 2500 PSI. The pump delivers smooth flow at the nozzle for general cleaning and root cutting and can activate the powerful "Jackhammer" action for long runs or difficult blockages. The Vactor JetRodder pump leads the industry in longevity and care free maintenance.



### Multiple Options

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



## 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** 108 in (2,743 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

**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.)

1. Required high gear hold.
2. Required rear-axle parking brake.
3. Air brakes optional, but may require CDL.

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

## SYSTEMS SPECIFICATIONS

### Debris Body

- 3.5 yd<sup>3</sup> (2.7 m<sup>3</sup>) capacity
- 3/16 in (4.8 mm) abrasion & corrosion resistant steel
- Full-size rear door
- 50 degree dump angle
- Load level indicator
- Body drain hose
- Stainless steel float ball shut-off

### Vacuum System

- Positive displacement, rotary lobe blower
- 2100 CFM and 15 in (381 mm) Hg vacuum
- Powered by chassis engine
- Exhaust silencer
- Fine mesh micro-strainer for protection

### Boom and Vacuum Hose

- Front-end operation
- 6 in (152 mm) ID on all hose and tubes
- Hydraulic 4 ft (1.2 m) extendable boom
- 120 degree rotation
- 20 ft (6 m) aluminum suction pipe and over center clamps

### Electric and Hydraulic System

- All connections sealed
- Hydraulic reservoir - modular, accessible and removable
- 35 gal (132.5 L)

### High-Pressure Rodder Hose

- 500 ft x 3/4 in (122 m x 19 mm) rodder hose
- 15 degree sand nozzle
- 30 degree sanitary nozzle

### JetRodder® Water Pump

- Hydraulically driven, double-acting, single piston water pump
- Driven off truck engine via heavy duty transfer case
- Front control engage/disengage
- Available Jack Hammer Action
- Pump capable of 40 GPM @ 2500 PSI
- Independent flow and pressure capabilities at full vacuum
- Capable of running dry without damage

### Water Tanks

- 2 cylindrical aluminum
- 500 gal (1893 L) capacity
- 10-year warranty against corrosion or cracking

### Front-Mounted Hose Reel

- Reel assembly mounted on independent frame attached to truck frame
- Spun steel construction
- 120 degree 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
- All controls on front reel

### Manhole Cleaning Handgun

- JetRodder pump relieved to 20 GPM @ 600 PSI for cleaning manholes
- 35 ft x 1/2 in (7.6 m x 13 mm) wire reinforced hose
- Quick -connect coupler
- Mid-ship mount
- Variable flow pattern - fine mist to steady stream

### Mounting and Paint

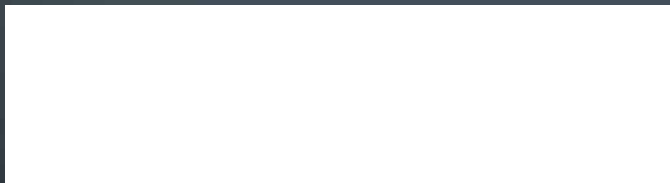
Subframe mounting on approved chassis; all metal surfaces are shot-blasted; primed with high-density primer; unit painted in modules, eliminating painting exposure to hose, fittings, electrical wires and connections.

### 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.

## LEASING AND RENTALS AVAILABLE CONTACT YOUR LOCAL DEALER

Your Vactor Dealer is:



vactor.com

Specifications subject to change without notice. Some products shown with optional equipment. Vactor® and JetRodder® are registered trademarks of Vactor Manufacturing. Vactor is a subsidiary of Federal Signal. Federal Signal is listed in the NYSE by the symbol FSS.

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