

# VACTOR® 2103

## SPECIFICATIONS (METRIC)

### Truck Chassis Minimum Requirements

**Engine:** 141.7 kw @ 2500 RPM  
**Front Axle:** 4082 kg (3856 kg suspension)\*\*  
**Rear Axle:** 7938 kg Rockwell  
**CA:** 274 cm, **WB:** 450 cm, **AF:** 155 cm  
**GVWR:** 11,794 kg

**Transmission:** FS-4205A Fuller & 35.6 cm Spicer or Allison AT545  
**Brakes:** Hydraulic Front Disc/Rear 38 x 15.2 cm x 1.9 cm  
**Rear Suspension:** 7938 kg with 2041 kg aux  
**\*\*Unit does not require CDL because of front suspension rating  
See Factory Specification for complete details**

### Vactor® Jet Rodder & Vacuum Systems

#### Debris Body:

Round body 3.2 cu. meter capacity; 4.7 mm abrasion & corrosion resistant steel; full size, top hinged, equipped with replaceable neoprene seal; minimum 50 degree dump angle; manual latches; load level indicator; body drain hose; stainless steel float ball shut-off; dump controls at curbside.

#### Water Tanks:

Two cylindrical cells constructed of aluminum; 1893 liter capacity; positioned at or below frame rail for best weight distribution & low center of gravity; single curbside fill point equipped with anti-siphon device; water level sight gauge; 10 year warranty against corrosion or cracking.

#### Vacuum System:

Positive displacement, rotary lobe blower; 2100 CFM and 38 cm Hg vacuum; powered by chassis engine and driven through heavy-duty split shaft transfer case; exhaust silencer; fine mesh micro-strainer for protection.

#### Boom & Pick up Hose:

Front end operation; all connections between debris body and boom self-adjusting, pressure fitting seals; 15 cm ID on all hose and tubes; hydraulic 1.22 meter extendible boom with 120 degree rotation; electric over hydraulic solenoid system; boom movement controls at the hose reel via pendant control with emergency shut down switch; 6.1 meters of pipe and over-center clamps.

#### High Pressure Water Pump:

Hydraulically driven double acting, single piston water pump; hydraulic pump driven off of truck engine via heavy duty power take off; front control engagement/disengagement; accumulator; pump capable of 151 LPM at 173 bar; independent flow and pressure capabilities at full vacuum; flooded suction inlet; capable of running dry up to 30 minutes without damage.

#### High Pressure Jet Rodder Hose:

152.4 meters of 19 mm rodder hose; 207 bar operating pressure and 500 bar burst pressure; 15 degree sand nozzle and 30 degree sanitary nozzle; hose guide and rope.

#### Front Mounted Hose Reel:

Reel assembly mounted on independent frame attached to truck frame; spun steel construction with no braces required; 120 degree rotation; 152 meter 1.9 cm 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.

#### Manhole Cleaning Handgun:

High pressure water pump relieved to provide 76 LPM at 41 bar for cleaning manholes; 10.6 meters of 1.27 cm wire reinforced hose; quick connect coupler; midship mount; variable flow pattern from fine mist to steady stream.

#### Electric & Hydraulic System:

All connections sealed; 151.4 liter hydraulic reservoir; modular, accessible and removable hydraulic filter.

#### Mounting and Paint

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

#### 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; high range lock up (required with automatic transmission); cold weather recirculation; footage counter; light accessories and packages and stripe packages available.

## VACTOR®

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Environmental Products Group