

CUSCO®

INDUSTRIAL VAC TRUCK



3150/4200 KEEPING WASTE IN ITS PLACE



Hydraulic Full-Opening Door



Hydraulic-Driven Vacuum Pump



External Secondary Shutoff & Muffler



Body Easily Removable from Chassis

- Ideal for liquid or semi-solid waste
- Designed to DOT specification 407/412
- Meets Section VII Division 1 ASME Boiler and Pressure Vessel code
- National Board (NBBI) Registered
- 501 CFM & 27" HG Fruitland® vac pump
- 3,150 or 4,200 gallon waste tank
- Full-opening rear door
- Full dumping tank
- Optional stainless steel construction
- Optional non-DOT configuration

Hi-VAC®

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117 Industry Road, Marietta, Ohio 45750, USA
US: 800.752.2400 | INT'L: +1.740.374.2306 | ✉ sales@hi-vac.com
www.hi-vac.com | 📘 Hi-Vac Corporation | 🌐 Hi-Vac Corporation



3150/4200 STANDARD SPECIFICATIONS



DEBRIS TANK

- 3,150 or 4,200 gallons + 3% outage
- Cylindrical format, 5/16" SA516-70 pressure vessel steel
- Designed to 25 PSI internal pressure & full vacuum
- 72" or 78" outside diameter
- Circumferential reinforcement rings with tank support feet
- Front, center, and rear 4" pipe-construction overturns with reinforcement pads and gussets
- 4" primary shut-off with 6" stainless steel float ball and cage assembly with neoprene rubber seat
- 20" manway
- Internal 2/3 baffle for unobstructed floor design
- Hydraulically-operated full-opening rear door with 6 heavy-duty wing clamps
- 4" sand pipe to carry solids to the front of the tank
- Dual hose hooks on rear head
- Water jackets installed on rear valves for future installation of optional heating
- Full-length hydraulic dump subframe with 20 ton, 3 stage, single-acting dump cylinder, and rear dump pivot assembly
- Tank tilts up to 35 degrees during dump
- Tank vibrator mount for future/optional vibrator installation
- Standard debris tank and tank door safety prop rods
- Tank ladder

VACUUM PUMP

- Fruitland® RCF870 air cooled rotary vane vacuum/pressure pump, capable of producing 501 CFM free air rating and 27" HG
- Hydraulically driven from transmission-mounted PTO

VALVES

- 4" Betts® air-operated suction valve with actuator, deflector plate assembly, and aluminum camlock fitting, mounted on rear door
- 6" Betts® air operated discharge valve with actuator and aluminum camlock fittings, mounted on rear door
- 4" air-operated isolation valve between primary and secondary shut-off with PTO interconnect
- Valves protected by heavy-duty DOT-compliant rear bumper/platform

PIPING/FILTRATION

- Single 4" diameter no-disconnect piping for tank dump with vacuum system connected
- Vacuum pump flush port and wire-reinforced rubber hose
- 4" external secondary shutoff with 4" float ball, filter screen, cage assembly, and swing-out bottom with drain valve
- 4" muffler with filter screen, camlock adapter, and swing-out bottom with drain valve

CONTROLS

- Lighting & PTO switches located on the dash
- 3-spool valve body for curbside control of hydraulic rear door, dump, and vacuum pump
- Dual vacuum/pressure gauges
- Rear door mount liquid level indicator
- Hot oil warning system

LIGHTING

- DOT certified LED lighting and wiring compliant to FMVSS 108
- Dual rear LED floodlights
- LED strobe beacon

STORAGE

- Full-length heavy-duty 12-gauge steel enclosed hose storage side trays with drain ports

OPTIONS & ACCESSORIES

- Stainless steel tank construction
- Non-DOT configuration
- Liquid-cooled vacuum pumps
- Tank mounted catwalk
- Sampling port
- Hydraulic tank vibrator
- Heated valves
- Transfer pump
- Decant valves
- Manual rear valves
- High pressure wash system
- Custom unit paint
- Custom graphics

** For US & Canadian market use only. All specifications subject to change without prior notice.*