



Hydroexcavation truck specifications

Rocky Mountain Contractors' fleet includes a 15-cubic-yard, 1,200-gallon Vactor hydroexcavation tri-drive truck. Hydroexcavation is a safe and efficient way to excavate around power and gas infrastructure.

Description

- 2014 Vactor hydroexcavator
- Positive displacement blower driven from chassis engine
- 15-cubic-yard debris hopper
- 1,200-gallon water capacity
- Capabilities to excavate remotely up to 400 feet away from truck

Standard equipment

- Hydroexcavator module

Water tanks

- 1,200-gallon capacity water tank, insulated with structural foam and polyethylene
- Water tank separate from debris tank
- Includes anti-siphon device and anti-splash valve with 25' water fill hose and connectors
- Water level sight gauge, Mark III electronic low water warning system
- 3" water tank drain
- 2" Y-strainer with 25' fill hose
- 2-1/2" cam-lock water fill fittings

Water tank accessories

- Air purge system utilizing chassis air system
- 800,000 BTU water heater includes inverter and chassis; must have minimum 160amp alternator

Debris body

- 15-cubic-yard volumetric debris body
- Cylindrical design, 1/4" abrasion- and corrosion-resistant Ex-Ten steel
- Flat style, three-quarter rear door, hinged at top with replaceable neoprene seal
- Dual cyclone separators
- Double-acting dump hoist
- Hydraulic rear door locking system with door grabber
- Hydraulic rear door open and close system
- 6" knife valve with 10' drain hose, cam-loc connector
- 8" inspection port — top mounted with ladder for easy access
- Rear door support for operator safety
- Front-mounted hydraulic dump cylinder, 50-degree dump angle, power up/power down
- Folding pipe rack/curbside
- Rear door splash shield
- Lube manifold
- Laminated lube chart
- Electric vibrator — debris body mounted
- Sludge pump off-load system
- SS float ball shut off
- Float ball screens — perforated plastic

Water system

- Water system rated design is 20 gpm at 2,500 psi
- Hydraulic operated Tri-plex piston water pump
- Water pump on/off switch located on pendant control and control box
- Variable pressure and flow achieved by electronic-over-hydraulic controls at operators station
- Handgun hose 3/8" x 75' with operating pressure of 3,500 psi and burst pressure of 14,500 psi, located in heated cabinet

PD vacuum system

- Hibon 8702 Tri-Lobe (28" HG) 5150 CFM at maximum speed of 2,000 rpm

Boom accessories

- 7' hydraulic telescopic boom with 320-degree rotation
- Remote push button pendant control with 75' cable with a vacuum relief, water on/off and throttle control
- wireless remote with pump and hand-held vac-relief

High pressure water pump

- 12 GPM cold weather recirculation system front crankshaft driven
- 20 GPM/2,500 psi single cat triplex pump

Chassis

- Kenworth T800 chassis, tri-drive, Cummins ISX-15 525 HP, EATON Fuller RTLO-18918B manual transmission

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