

ALLEGANY STATE PARK - PORTABLE SEPTIC PUMPER \ VACUUM TRUCK

Minimum Specifications: Model 7300 SFA 4x4 with 213 Wheelbase, 138 CA, 67 AF or equal. Chassis mounted and fully functional Vacuum Pump \ Tank, T304 Stainless Steel Tank with dual compartment, 1800 gallon - 1500 gal /300 gal, hydraulic lifting hoist and hydraulic full open rear door.

Specifications:

VACUUM TANK BODY \ BASE.

General:

Each bidder must indicate on the following whether items in their bid are in compliance or not with the stated specifications. Exceptions to the bid must be detailed on a separate written sheet on company letterhead Bidder must supply literature of body/tank being bid.

Vacuum Tank Dimensions:

Length: 13'

Diameter: 58"

Capacity: 1800 gallon, dual compartment 1500/300 gallon

Body Materials: must be 3/16", T304 SS (stainless steel) or equivalent strength and thickness

Tank And Body Specs

Ralls: Standard, 3/4" T304 stainless steel

Two flanged and dished tank heads

Anti-Surge Baffles: 2ea., evenly spaced

Access Ladder: stainless steel

Hose Trays: 2ea. full length detachable, stainless steel

Rear Hose Hangers: minimum 12", stainless steel

Primary Shutoff: 12" low profile w/4" opening, 6" SS float ball, 3/4" T304 SS base, 1/4" cast aluminum lid (525 CFM)

Discharge Port: 4" Treaded nipple, Male NPT, SS

Discharge Valve: Brass Lever - 4" Female NPT to Female NPT w/4" Male Camlock NPT & Female Camlock dust cap.

Inlet Port: 3" Treaded nipple, Male NPT, SS

Discharge Valve: Brass Lever - 3" Female NPT to Female NPT w/3" Male Camlock NPT & Female Camlock dust cap.

Secondary Shutoff: 5 gal w/3" opening, 4" SS float ball, 1" ball valve drain, 1/4" A36 carbon steel.(325 CFM)

Full Open Rear door: 6 pinwheels with hydraulic cylinder, brackets & gaskets, Stainless Steel, w/ safety door prop.

Water Compartment: 3" top fill w/adaptor & dust cap, 2" supply w/150# Tee, 1" Drain w/ball valve.

Manway: 20" - w/12" neck, 6 wingnut, 3/4" T304 SS

Load Level Indicator: Mechanical

Vacuum/Pressure gauge: 4.5" standard w/ guard

Tank and Body Specs Cont....

Pressure Relief Valve: 1.5" brass (230 CFM) w/guard

Vacuum relief valve: 1.5" brass (370 CFM)

Oil Catch Muffler: 3" vertical, 3" NPT, 3/16" A36 carbon steel (375 CFM)

PUMP: MORO PM60A Hydraulic drive (252 CFM), air cooled or equivalent

Complete Hydraulic Hoist Assembly: mounted and hinged

Will include all hydraulic components, PTO, drive shafts, oil tanks, oil coolers and/or pumps necessary for unit to be fully functional upon delivery, mounting and installation included.

Paint: White

Exterior Tank seems to be Submerged Arc Welded (SAW) smooth interior.

Rear Step Bumper

Work Lights

Tail Lights

ADDITIONAL EQUIPMENT REQUIRED for CAB and CHASSIS

Tow Hooks: 2 Ea. Front Frame Mounted

Front Frame Extension\Bumper: 20" Bolt on type frame extension to accommodate mounting for 12,000 lb. electric winch.

33,000 GVWR minimum

Front Driving Axle: 12,000lb Capacity

Rear Axle: 23,000lb Capacity, Driver Controller Locking Rear Differential

Frame Rails: 120,000PSI Yield

Brake System: Dual Air

Intermittent Wipers

Minimum 300hp Diesel Engine

Automatic Transmission

In-Hood Hatch to Check Fluids

LED Amber Beacon Light

Fuel Water Separator

Air dryer

Battery Disconnect

Driver and Passenger Air Ride Seats