



(864) 573-7400 PHONE
(864) 585-3635 FAX
info@trucktanks.com EMAIL

P.O. Box 2807
Spartanburg, SC 29304
www.trucktanks.com

STOCK #RED DIAMOND S40

TANK SPECIFICATIONS

- SIZE:** 4000 U.S. Gallons plus normal overage.
- MODEL:** Red Diamond S40
- PRODUCT:** Non Potable Water
- MATERIAL:** Steel
- DIMENSIONS:** Tank is 168" (12') long x 96" (8') wide and 63" (5'-3") high.
- FRAME:** Two (2) heavy duty 8" steel I-beam sills form the frame on this rough service tank. (8) 3" Steel channel crossmembers are welded to these I-beams and support the .250 (1/4") steel tank floor.
- HEADS:** Both front and rear heads are fabricated of heavy duty 3/16" steel and are welded both inside and outside to the side shell and bottom to form a trouble free vessel.
- TRANSVERSE BAFFLES:** Two full-size transverse baffles of 3/16" steel are included to prevent surge. Crawl holes are provided.
- ROLL BAFFLES:** (1) Set of 3/16" roll baffles are included at floor level, and one additional set of roll baffles is provided midway up sides of tank to control side to side movement. Both sets of roll baffles extend the full perimeter inside the tank.
- MANHOLES:** One (1) 24" diameter opening with hinged lid provides easy access to tank. Inside of tank in manhole area is internal permanently mounted ladder with 21" wide non-skid steps.
- FILL OPENING:** One (1) 10" fill near passenger's side rear is provided.

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- LADDERS:** (2) Are provided, (1) at front driver's side and (1) at center rear head.
- TOP WALKWAY:** Both the 10" fill opening and the 24" top manway are accessed by a front driver's side ladder and a center mounted rear ladder. Both ladders are 21" wide with non skid steps. There are grab rails and non skid surfaces for safe footing from both front and rear ladders to manway and fill opening.
- MOUNTING SYSTEM:** Tank is anchored to the truck chassis by a series of hold down bolts with double steel pads. There are (6) pair of bolts per side.
- A maintenance-free neoprene strip cushions and insulates the tank from the truck chassis.
- LIFTING LUGS:** Four (4) are included on top of tank.
- MODEL RDS40:** This model has straight sides and curved top. (See attached picture.)
- Tank has a rear equipment deck with reinforced steel open grate floor and is 24" long x 96" wide. Driver's side of this platform has fold down steel ladder with non skid steps.
- BUMPER:** A heavy-duty bumper is integral to the rear platform and protects rear of tank.
- FILL PIPING:** 3" Hydrant fill pipe with air gap located on passenger side rear. (Customer's choice of fittings on fill end.)
- SUCTION PIPING:** (1) 4" Schedule 40 suction leads from 4" sump on curb side to 4" locking wafer shut off valve and then to suction side of pump.
- DISCHARGE PIPING:** Discharge piping includes 3" schedule 40 piping and runs internally in the tank. This design allows for high ground clearance and minimum externally exposed piping.
- WIRING/ LIGHTING:** All tank wiring and lighting complies with ICC/D.O.T. regulations and includes: (2) 5" stop and tail, (2) 5" clearance and directional, (2) back-up lights and (1) 3-lamp cluster. There are four side riding lights and all necessary reflectors are included. All lights are Betts LED type with snap seal lenses.

PAINTING: Painting of tank including sanding, applying an additional epoxy prime coat, and spraying with (2) finish coats. Paint job is pure white of premium grade acrylic urethane paint.

Tank, all labor to mount and make electrical connections is included.

DECALING: Custom decaling is available as an option.

Spray system to include the following:

- CONTROLS: (1) Set pneumatic pedestal mounted controls in cab to control all functions.
- POWER TAKE OFF: (1) Heavy duty double gear air shift with in-cab controls.
- DRIVE SHAFT: (1) Heavy duty with spline slip joint and (3) grease fittings.
- PUMP BRACKET: (1) Heavy duty saddle type.
- PUMP: (1) 3" Berkley Model B3ZRM centrifugal.
- SPRAY HEADS: (2) Individually controlled 3" CLA-VAL air actuated shut off fan jet nozzles mounted (1) high each side at rear. Valve has (2) bleed valves for cold weather.
- GRAVITY BAR: (1) 8' Long gravity spray bar with cab controls.
- WATER HOSE: (1) 50' x 1-1/2" Double jacketed water hose with preset adjustable nozzle mounted at rear with 1-1/2" ball type shut off valve.

TRUCK SPECIFICATIONS – VIN #G76016

CHASSIS MANUFACTURER:	2000 Sterling LT9500
WHEEL BASE & CA:	180" CA
FRONT AXLE RATING:	14,600#
REAR AXLE RATING:	40,000#
GROSS WEIGHT RATING:	54,600#
REAR SUSPENSION:	Air Liner
ENGINE:	CAT C10 305 HP
TRANSMISSION:	10-Speed FROF-12210C
STEERING:	Power
FRAME:	Single Channel
FRONT TIRES:	11R 22.5
REAR TIRES:	11R 22.5
WHEELS:	Steel Disc
BRAKES:	Air
ALTERNATOR:	110 Amp
DRIVER'S SEAT:	Air
PASSENGER SEAT:	Fixed
FUEL TANK:	99-Gallon
EXHAUST:	Vertical
AIR CONDITIONING:	Yes
MIRRORS:	West Coast with Spots
RADIO:	AM/FM Cassette
COLOR:	White
MILEAGE:	428,095
ADDITIONAL EQUIPMENT:	Dual Air Horns Cruise Control Chrome Bumper Differential Lock

AVAILABLE OPTIONS

- A - Add 2 adjustable nozzles under front bumper, including individual controls
- B - Add adjustable nozzle to driver's side, with cab control
- C - Convert gravity bar at rear to pressure
- D - Add 3" gravity bar at rear, complete with cab control

