

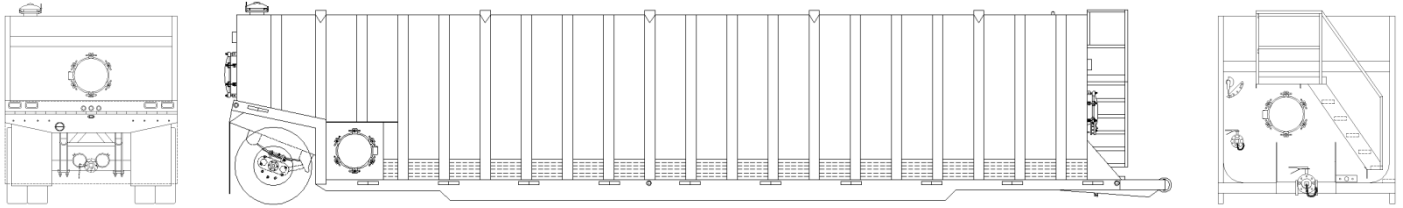


Manufacturing Inc.

# DATA SHEET

## MODEL: STD-SEMRB450

FLAT TOP TANK  
28,900 GAL (450 BBL)



### GENERAL INFORMATION

- **Capacity:** 450 BBL (18,900 gal.) Stationary capacity
- **Height:** 9'-7 1/2" (Overall)
- **Width:** 8'-6"
- **Length:** 46' (overall- nose to tail)

### STRUCTURAL DESIGN

- **Floor sheet:** 1/4" A36 plate
- **Side sheets:** 1/4" A36 plate
- **Roof sheet:** 1/4" A36 plate
- **Front:** 1/4" A36 plate
- **Rear:** 1/4" A36 plate
- **Main floor rails:** 12" x 40' structural channel

### FEATURES

- **Ports:** (1) 4" outlet port at front (weld neck flange, butterfly valve, threaded flange, male plug & chain)  
(1) 6" Auxiliary port at rear (weld neck flange, Buna-N Gasket & Blind Flange)
- **Relief Valve:** 8" Blaylock pressure/vacuum valve model II10
- **Front Drain:** 6" outlet port (weld neck flange, butterfly valve, threaded flange, male plug & chain)
- **Rear Drain:** 4" outlet port (weld neck flange, butterfly valve, threaded flange, male plug, chain & handle lock)
- **Port for Liquid Level Gauge System:** 1 1/2" Coupling w/male plug on roof located near front
- **Semi round bottom (Rounded side edges)**
- **Smooth walls for easy cleaning**

### FEATURES (CONT.)

- **Manways:** (4) 20" steel manways w/buna-N gasket, (1) at front, (1) at passenger side near rear, (1) at rear & (1) at roof
- **Liquid level gauge:** Float ball system
- **Roof Access:** Stairway at front of tank
- **Hook-up:** Open front Hook-up
- **Suspension:** Spring – 22.5 k capacity
- **Tires:** Conventional, 12 Ply
- **Wheels:** 8.25 x 22.5
- **Axle:** 71.5 track, 22,500 lbs. capacity

### SURFACE DETAILS

- **Surface preparation:** Interior- SSPC-SP 10 Near White  
Exterior- SSPC-SP 6 Commercial
- **Exterior Coating:** Primer coat: Carboline™ Carboguard 893  
Finish coat: Carboline™ Carbothane 134 HG
- **Interior Coating:** Carboline Phenoline™ 310
- **Undercoating:** ZPG 20060b Undercoating
- **Safety Paint:** Carboline™ Safety Yellow – Stairway & handrails

### TESTS PERFORMED

- **Water test:** 3 psi, 1<sup>st</sup>, 2<sup>nd</sup> y 3<sup>rd</sup> test (if necessary)
- **Surface profile test:** Deepness measure after blasting
- **Paint test:** Interior: 20 mils  
Exterior 6 to 8 mils

*OPTIONAL FEATURES*

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- Additional ports
- Additional manways/square hatches
- Weir
- Feed line
- Gel line
- Jet line
- Lifting lugs
- ABS brake system
- Steam coils
- Aluminum wheels
- Custom interior coating
- Custom exterior coating