

Exceptional Design

- Full-width floor
- Outer floor rail
- Vertical support tubes and cross members (no floor sheets used)

Safety & Quality

- Integrated safety stairway
- Easy access to top manways/ports
- 101+ point quality control checklist delivers the best-in-class product

Cost Savings

- Round bottom floor
- Smooth wall interior
- No corrugations or internal rods
- Easy-to-clean design reduces costs and increases tank life



SPECIFICATIONS

Weights & Measures	FRT-452	Tests Performed	Std	Warranty	Std
Tank length (front nose to rear)	46' - 0" 42' - 0" (tank body)	Hydrostatic water test	•	1-year structural	•
Tank width (outside)	8' - 6" (outside) 8' - 0" (inside)	Electrical function test	•	6-months coating	•
Tank height (grade to roof deck)	11' - 0", 10' - 0" (wall)	Brake system test	•		
Weight (lbs)	29,950				
Capacity (BBLs/Gals)	500/21,000				

OPTIONS & FEATURES:FRT-452

TANK OPTIONS	Qty	Std	Opt
DESIGN FEATURES			
Manways: 22" diameter with wingnut closure Buna-N gasket	4	●	
Relief valve: 16 oz./in2 pressure setting, 0.4 oz./in2 vacuum setting, Buna-N seal	1	●	
Front drain: 4" - 150# flanged with butterfly valve	1	●	
Rear drain: 4" - 150# flanged with butterfly valve	1	●	
Front feed line: 3" with cap & chain	1	●	
Roof connections: (1) Vapor recovery: 4"-150# threaded flange & plug. (1) Aux. port: 4" - 150# threaded flange & plug. (1) Gauging port: 2" threaded plugged port.	3	●	
Stairway: 30" bolt-on with landing - OSHA compliant	1	●	
Axle: 77 1/2" track/22,500# capacity /5" rd	1	●	
Suspension: Spring/3 -leaf/high arch flange mount hangers / 3/4" seat 22,500# capacity	1	●	
Tires: 11R22.5/14-ply	2	●	
Wheels: Steel/hub-piloted	4	●	

ADDITIONAL SAFETY FEATURES			
Safety stairway eliminates need for workers to get on top of tank	1	●	
Grip Strut steps to prevent slipping	1	●	
Handrails/stairways painted safety yellow/Safe Operation reminder decals applied	1	●	
Attached strapping charts	1	●	

STRUCTURAL DESIGN			
Floor: 1/4" thick ASTM A36 carbon steel (Round bottom, radius 49 7/16")	1	●	
Sides/ends: 1/4" thick ASTM A36 carbon steel	1	●	
Main roof: 1/4" thick ASTM A36 carbon steel	1	●	
Wall posts: 3/16" x 2 3/4" x 6" ASTM A36 formed channel	1	●	
Roof members: 3" structural channel	1	●	

DESIGN FEATURES	Qty	Std	Opt
PAINT SPECIFICATIONS			
Interior blast: SSPC-SP-10/Near White	1	●	
Interior coating: Carboline Phenoline 310 (100% solids)/high performance Epoxy coating 20-30 Mills D.F.T.	1	●	
Exterior blast: SSPC-SP-6/Commercial	1	●	
Exterior coating: Carboline Carbothane 8812/8845 DTM High Gloss Polyurethane 3-5 Mills D.F.T.	1	●	

OPTIONS			
D.O.T. light package			●
Steam coil			●
HD lifting lugs			●
External & internal frac			●
Gel line/Jet line			●
Feed lines			●
Float gauge			●
Additional aux. ports			●
Additional manways			●
Dual manifold configurations			●
ABS brake system			●
Valves: 4" wafer butterfly valve/cast iron body, Buna-N seat & seals, 316 SS stem/nylon coated ductile iron disk with plug & chain			●
Stainless steel (304/316)			●
Custom interior coatings			●
Custom exterior colors			●

