

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



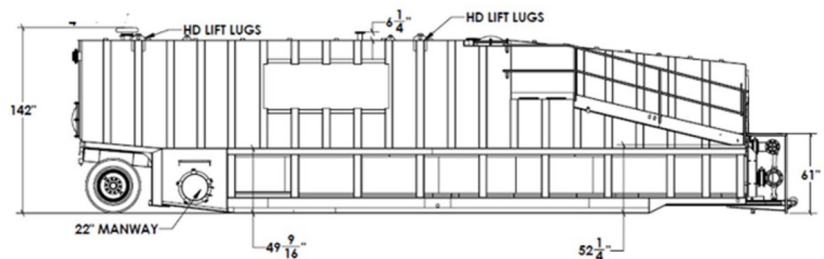
SPECIFICATIONS

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 Mils D.F.T.	1	•	
Exterior blast: SSPC-SP-6/Commercial	1	•	
Exterior coating: Carboline Carbothane 8812/8845 DTM High Gloss Polyurethane 3-5 Mils 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			•



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