

FT-452

EZ STEP FIXED AXLE FRAC TANK SMOOTH WALL, 500BBL



DESIGN FEATURES

- Integrated Safety Stairway
 - Easy to Inspect Top Manway
 - No Guardrails to set up or take down
 - No moving parts or pins
 - Eliminates potential for guardrails violating height restrictions
- Easy-to-clean Design Reduces Cost
 - "V"-Bottom Floor for Complete Clean-Out
 - Smooth Wall Interior for Easy Cleaning
 - No Corrugations
 - No Internal Rods

ADDITIONAL SAFETY FEATURES

- Safety stairway eliminates need for workers to get on top of tank
- Grip Strut steps to prevent slipping
- Handrails and Stairways painted safety yellow for high visibility
- Safe Operation reminder decals applied
- Attached Strapping Charts

WEIGHTS AND MEASURES

- Capacity: 520 BBL (21,840 gallons)
- Height: 11'-0" (Grade to Roof Deck)
10'-0" (Wall)
- Width: 8'-6" (Outside)
8'-0" (Inside)
- Length: 46'-0" (Front Nose to Rear)
42'-0" (Tank Body)
- Weight: 29,950 lbs.

STRUCTURAL DESIGN

- Floor: 1/4" thick ASTM A36 carbon steel (V-bottom)
- Sides/Ends: 1/4" thick ASTM A36 carbon steel
- Main Roof: 1/4" thick ASTM A36 carbon steel
- Wall Posts: 3/16"x3"x6" ASTM A36 formed channel
- Roof Members: 3" Structural Channel

FEATURES

- Manways: (3) 22" Dia. w\ Wingnut Closure Buna-N Gasket
- Relief Valve: 16 oz./in2 pressure setting, 0.4 oz./in2 vacuum setting; Buna-N seal.
- Valves: 4"- wafer butterfly valve. Cast iron body, Buna-N seat & seals, 316 SS stem, Nylon coated ductile iron disk w/plug and chain.
- Front Drain: 4"-150# flanged w\ butterfly valve
- Rear Drain: 4"-150# flanged w\ butterfly valve
- Front Feed Line: 3" w\ Cap & Chain
- Roof Connections: (1)Vapor Recovery: 4"-150# Threaded Flange & Plug (1) Auxiliary Port: 4"-150# Threaded Flange & Plug (1) Gauging Port: 2" threaded plugged port
- Stairway: 30" Bolt-On w\ Landing – OSHA Compliant
- Axle: 77 1/2" track \ 22,500# Capacity \ 5" Rd
- Suspension: Spring \ 3-Leaf Spring \ High-Arch Flange Mount Hangers \ 3/4" Seat 22,500# Capacity
- Tires: 11R22.5 \ 14-Ply
- Wheels: Steel \ Hub-Piloted

PAINT SPECIFICATIONS

- Interior Blast: SSPC-SP-10 \ Near White Blast
- Interior Coating: Carboline Phenoline 310 (100% Solids) High Performance Epoxy Coating 20 – 30 Mils D.F.T.
- Exterior Blast: SSPC-SP-6 \ Commercial Blast
- Exterior Coating: Carboline Carbothane 8812 \ 8845 DTM High Gloss Polyurethane 3 – 5 Mils D.F.T.

OPTIONS

- Steam Coil
- HD Lifting Lugs
- External Frac
- Internal Frac
- Gel Line
- Jet Line
- Float Gage
- Feed Lines
- Additional Aux. Ports
- Additional Manways
- ABS Brake System
- DOT Light Package
- Stainless Steel (340 / 316)
- Custom Interior Coatings
- Custom Exterior Colors

TESTS/CERTIFICATIONS

- Tests Performed: Hydrostatic Water Test • Electrical Function Test Brake System Test
- Warranty: 1 year Structural • 6 Months Coating

To the best of our knowledge the technical data contained herein are true and accurate at the date of issuance and are subject to change without prior notice. No guarantee of accuracy is given or implied because variations can and do exist. NO WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY SABRE MFG LLC, EITHER EXPRESSED OR IMPLIED.

5420 E STATE RD 8 • KNOX, IN • 574-772-5380



888-772-5580
5420 E. STATE RD 8, KNOX, IN 46534
WWW.MANITEXSABRE.COM
PROUDLY MADE IN THE U.S.A.