

MX-452

MIXING FIXED AXLE FRAC TANK SMOOTH WALL, 435 BBL



Mixer Blades



DESIGN FEATURES

- Easy-to-Clean Design Reduces Cost
- Semi-Round Bottom Floor for Complete Clean-Out
- Smooth Wall Interior for Easy Cleaning
- No Corrugations
- No Internal Rods

ADDITIONAL SAFETY FEATURES

- Safety stairway w\ easy access to 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: 435 BBL (18,270 gallons)
- Height: 9'-6" (Grade to Roof Deck)
8'-6" (Wall)
- Width: 8'-6" (Outside)
8'-0" (Inside)
- Length: 46'-0" (Front Nose to Rear)
42'-0" (Tank Body)
- Weight: 32,840 lbs.

STRUCTURAL DESIGN

- Floor: 1/4" thick ASTM A36 carbon steel (Semi-Round)
- 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 – Front\Side\
Rear Buna-N Gasket (2) 36" Dia. w\ Wingnut
Closure – Top Buna-N Gasket
- Relief Valve: 16 oz./in2 pressure setting, 0.4 oz./in2
vacuum setting; Buna-N seal.
- Valves: 6"- wafer butterfly valve. Cast iron body,
Buna-N seat & seals, 316 SS stem, Nylon coated
ductile iron disk w/plug and chain.
- Front Drain: 6"-150# flanged w\ butterfly valve

- Rear Drain: 6"-150# flanged w\ butterfly valve
- Rear Feed Line: 4" w\ Cap & Chain
- Roof Connections: (1) Vapor Recovery: 4"-150# Threaded
Flange & Plug (1) Auxilliary Port: 4"-150#
Threaded Flange&Plug
- Stairway: 24" Bolt-On w\ Landing – OSHA Compliant
- Top Walkway: Galvanized Grating \ Fold-Down Handrailing
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

ELECTRICAL SPECIFICATIONS

- Motors: 10 HP \ 480V \ 3Ph \ Explosion Proof
215TC Frame \ 1800 RPM
- Mixer Paddles: Dual Mixer Paddles 42" Dia. Lower Impeller
24" Dia. Upper Impeller
- GearBox: 1800 RPM Input \ 24.92 Ratio \ 72 RPM Output
Hollow Shaft Flange Mount Reducer 2 3/8" Output Shaft
- Control Panel: Explosion Proof \ Single Electrical Supply Connection
Individual Motor Starters and Circuit Breakers UL Classified for
use in Class I Div I Groups B,C,D and Class II Groups E,F,G
and Class III

PAINT SPECIFICATIONS

- Interior Blast: None
- Interior Coating: None
- 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
- Gel Line
- Jet Line
- Float Gage
- Feed Lines
- Custom Interior Coatings
- Custom Exterior Colors
- 2, 3, or 4 Mixers Available
- Additional Aux. Ports
- Additional Manways
- ABS Brake System
- DOT Light Package
- Stainless Steel (340 / 316)

TESTS/CERTIFICATIONS

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

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