

Steel Tank

Steel Poly Lined Mini-Frac Tank

Overview:

Rain for Rent Steel Poly Lined Mini-Frac Tanks have a capacity of 6,100 gallons and can be used to store wastewater, caustics, acids, and many other chemicals or liquids – even at elevated temperatures. The enclosed, vapor tight tank has the structural integrity of steel plus the chemical and corrosion resistance of polyethylene.

Features:

Rain for Rent's Steel Poly Lined mobile Mini-Frac tanks are internally lined with medium density polyethylene bonded to carbon steel. This liner is more than three times thicker than the typical 0.060" thick "spray-in" liner; the Poly Lined Steel Tank liner is 0.1875" thick. The lining allows for storage of products up to 150 °F and specific gravities up to 1.9. The tanks are vapor tight with standard pressure rating of 1 PSI. Multiple ports on the roof are available for (optional) level gauges or "pipe away" tank venting. The thief hatch style pressure-vacuum vent rated for 16 oz/in² (1 PSI) pressure and 0.4 oz/in² vacuum. The tank contains two (2) 4" high performance, Teflon coated, butterfly valves on front wall of tank; one (1) 4" valve on rear of tank. The tanks feature "V" shaped floor with front and rear flanged ports at floor level for easy clean up when the job is complete. The tanks are easy to move with multiple handling options: roll-off, forklift, and crane.



Accessories:

- AODD Pumps
- E-CONTAIN® Spillguards
- Spillguard Hose Bridge
- PipeStax®
- Cartridge and Bag Filters
- Chemical resistant hose
- HDPE Pipe and Fittings
- Mechanical or Radar Level Gauge

Specs:

Dimensions & Construction	
Capacity:	6,100 Gallons
Length:	18'-7"
Width:	8'-6"
Height:	8'-8"
Weight:	11,360 lbs (empty)
Materials:	ASTM A36 carbon steel walls (0.25") ASTM A36 carbon steel reinforcements
Transporting:	Roll-off
Loading/ Unloading:	Roll-off Forklift Crane - Using lifting eyes
Exterior Coating:	Weather resistant acrylic enamel finish with durable chemical resistant coating around manway openings.
Interior Coating:	Chemical resistant medium density polyethylene*
*Call for specific chemical compatibility information	

Features	
Ladder:	Stairway with platform for access to roof manway
Manways:	1 x 22" hinged manways on roof 1 x 24" flanged manway with davit arm on rear wall
Connections:	1x3" 150# roof, 5 x 4" 150# (2 x roof, 2 x front, 1 x rear), ANSI B16.5 Class 150
Drain:	1 x 4" 150# (front), 1 x 4" 150# (rear), ANSI B16.5 Class 150
Valves:	Wafer style lever operated butterfly valve with PTFE coated disc and seat
Elastomers:	Viton®/FKM
Temperature:	150 °F max. continuous (dependent on product)
Relief Vent:	1 x Thief hatch, Viton®/FKM gasket, pressure setting 16 oz/in ² (1 PSI), vacuum setting 0.4 oz/in ²
Lifting:	4-point lifting - lifting eyes for overhead crane Integral forklift pockets

Testing

Hydrostatic:	Hydrostatic water test performed during construction. Retested during repairs and regular maintenance schedule.
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