

8400 Gal Mini Frac Mix Tank W/Coils

Model/Make: Mini Mix W/Coil / Wichita Tank

Product Description

This is a skid-mounted easy clean, smooth wall design tank with standard-spaced roll-off rails. Designed for use in explosive atmospheres Class I, Division I, Group D. UL Listed, 36.0 AMPS/FLA.

WEIGHTS AND MEASURES

» Capacity:	....	185 BBL. (7,775 gallons)
» Height:	....	7'-5" (grade/top of tank) 7'-10½" (grade/top 3" Fill Pipe)
» Width:	....	8'-6" (overall)
» Length:	....	20' (tank only); 25' (overall)
» Weight:	....	15,900 lbs. (approx.)

STRUCTURAL DESIGN

» Floor:	....	1/4" thick ASTM A36 carbon steel
» Sides/Ends:	....	1/4" thick ASTM A36 carbon steel
» Top Deck:	....	1/4" thick ASTM A36 carbon steel
» Wall Frame:	....	3/16" thick ASTM A36 formed channel
» Roof Frame:	....	3/16" thick ASTM A36 formed channel

FEATURES

» Top Access:	....	1 – Large Marine Hatch manways, on tanks centerline and centered
» Manway Seals:	....	Buna-N
» Handrails:	....	Fold down roof perimeter OSHA designed handrail system.
» Exterior Ladder:	....	1 – At rear of tank
» Lifting lugs:	....	Four with Fork Lift Pockets Provided on Lower Frame Rails

FEATURES – cont.

» Valves:	.....	3-4" 150# threaded flange with butterfly (two on front of tank, one on rear of tank)
» Relief Valve:	.....	16 oz/in ² pressure setting, 0.4 oz/in ² vacuum setting; Buna-N seal.
» Steam Coils:	.....	Two (2) – 2" connections on front of tank
» Fill Line:	.....	3" sch. 80 top fill with capped MPT extension at front of tank
» Electric Motors:	.....	(2) – WEG 10 hp., 230/460 V, 3 phz, 1750 RPM
» Gearboxes:	.....	(2) – Nord SK 9042, Helical, 73 RPM output
» Level Gauge:	.....	Float style w/ 304 SST float balls w/ pointer indication
» Rear Rollers:	.....	(2) 6-5/8"x10" wheels
» Vapor Connection:	.....	4" flange (blinded) near top manway, drivers side
» Skid Rails:	.....	37" inside spacing

SURFACE DETAILS

» Exterior Coating:	....	High Gloss Polyurethane
» Interior Coating:	....	Chemical resistant liner

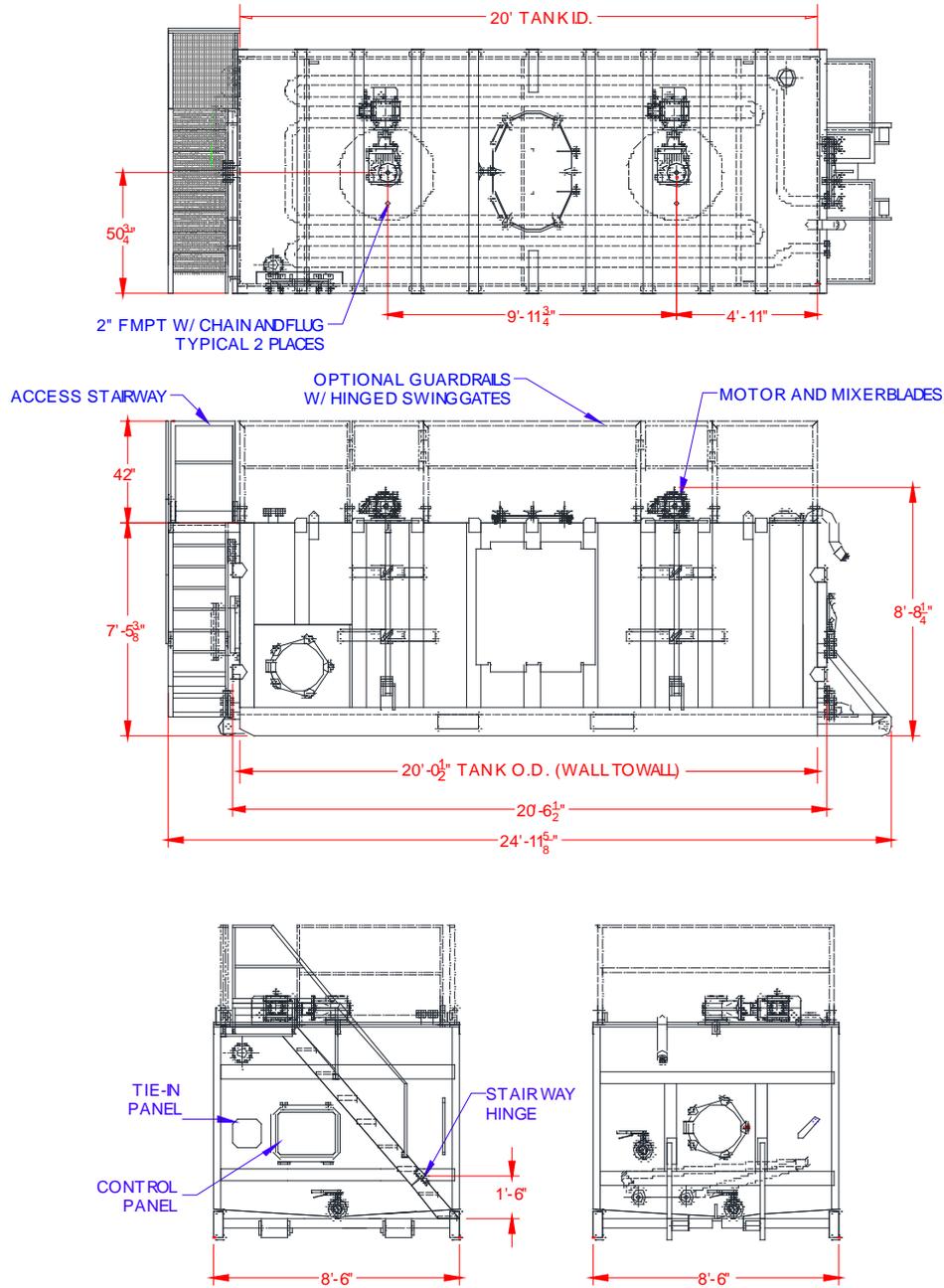
WETTED MATERIALS (Material Compatibility Check)

Carbon Steel*	.....	Tank walls, bottom, sides; steam coil (if supplied); Mixer blades & shafts
Carboline Liner	.....	Tank interior (Phenoline 380)
Buna (Nitrile, NBR)	.....	Manway gaskets, valve seats, P/V valve gasket
Nylon 11	.....	Valve disc
304 Stainless Steel	.....	Float ball

*Theoretically if the tank has an interior liner, no carbon steel should be exposed to the liquid. However, if there are areas of thin or missing liner, bare carbon steel will be exposed. It is always a good idea to check compatibility of carbon steel even if the tank interior is lined.

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