



STAINLESS STEEL TANKS



from



THERMAL ENGINEERING OF ARIZONA, INC.

Tel: 866-777-6060
Fax: 866-777-6383

Springer Pumps, LLC

Website: www.springerpumps.com
Int'l: +001 267 404 2910

TEA's STAINLESS

TEA TANKS are specifically manufactured to commercial standards to meet the storage and processing needs of most industrial applications. Unique forming and welding techniques result in finished tanks which have excellent functionality when compared to purchased cost.

Tanks are quickly available in either T-304 or T-316L Stainless Steel. They are either flat bottomed or coned bottom on legs. Tops can be open, flat, cone, or with removable covers.

Standard finish is #2b mill. Other mill finishes available on special order. Outside welds cleaned of scale and discoloration. For most applications, T-304 is TEA's standard tank material. These tanks will have internal crevices and should not be used for sensitive processing where cleaning and/or cross contamination can be a problem.

T-316L stainless steel offers higher corrosion resistance to most products. Double thickness overlapping joints are fully welded both inside and out. This no-crevice construction allows for easy cleaning, preventing product cross contamination. This construction will exceed the most demanding application requirements.

TEA TANKS are designed to hold liquid or solid materials up to a specific gravity of 1.2 at atmospheric pressure.

TEA is well qualified to fabricate custom designed tanks of up to 1/2" thick stainless steel, up to 12 feet in diameter, and to 24 feet high. Please contact TEA directly.

ACCESSORIES AND OPTIONAL EQUIPMENT

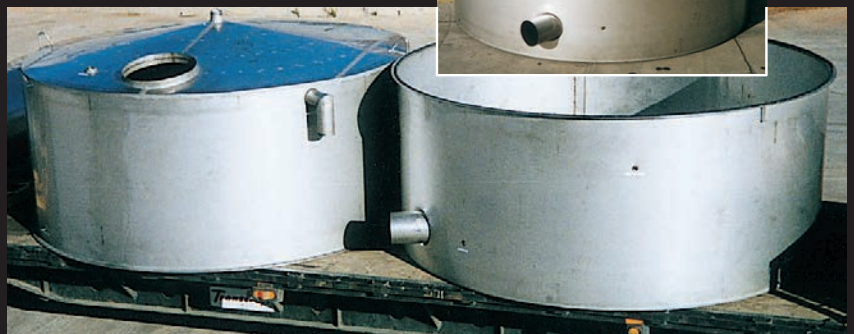
- Fittings — couplings, nipples and groove lock.
- Flanges — up to 12" stainless steel lap type with galvanized back-up flanges. Stainless steel slip on flanges optional.
- Bolted side manways.
- Top cover manways — either bolted, slip-on or lockable.
- Bolted on ladders and top railings.
- Immersion heating coil mounting flanges
- Sight Tubes — ridged acrylic standard.
- Support Rails — for top mounted agitator.
- Internal Baffles — for effective top to bottom mixing.
- Tank overflows/vents per request.



Four of sixteen 12,000 gallon T-316L stainless steel tanks for acidic leach solution in mining operations for Bechtel Corp.



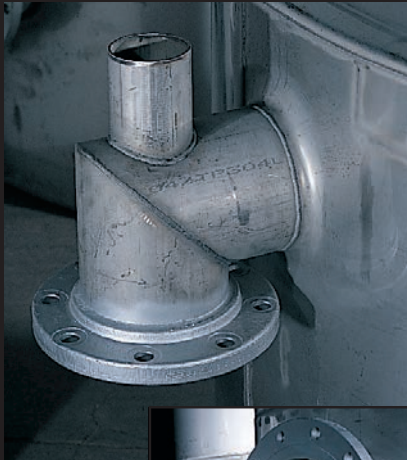
Bottoms and tops have full radius rolled corners for reduced weld distortion and ease of cleaning.



Split sectioned tanks.

Tanks can be manufactured in a split design for limited access installations. Each section will be flanged and all that is required for assembly is to apply the supplied Gortex seal and bolt the sections together. These tanks can be custom engineered for special requirements.

STEEL TANKS



All fittings are mounted in hydraulically extruded nozzles for strength.

Nozzles are extruded outward on T-304 S.S. tanks and inward on T-316L S.S. tanks for crevice elimination.

Four fittings up to 2 inch in diameter are standard. Larger fittings and greater quantities are available.

Standard tank components are pre-fabricated and stocked for rapid assembly. Standard tanks can be shipped in two weeks after ordering. Special requirements may require longer lead times.



Ladders, working platforms, equipment mounts and other structural attachments available.



SOME "TEA TANK" STYLES



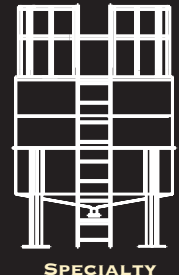
OPEN TOP



CONE TOP



TANK ON LEGS



SPECIALTY TANKS



VENTING SLIP-ON MANWAY COVER



SPLIT TANK FLANGE FOR LIMITED ACCESS LOCATIONS



HYDRAULICALLY FORMED NOZZLES FOR SUPERIOR STRENGTH



LARGE RADIUS CORNERS FOR EASY CLEANING

TYPICAL T-304 STAINLESS STEEL TANK CONSTRUCTION DETAILS



REMOVABLE/OPEN TOP FLANGE DETAIL



INSIDE NOZZLE DETAIL FOR CREVICE FREE CONSTRUCTION



LEGS WELDED TO S.S. BACKING PLATES & REINFORCING RING

T-316L S.S. TANK FULLY WELDED INSIDE AND OUTSIDE FOR CREVICE FREE CONSTRUCTION.



BOTTOM DRAIN FLANGE DETAIL



CORNERS DOUBLE WELDED FOR STRENGTH

LIMITED WARRANTY

TEA tanks are fully leak tested before shipping and are warranted to be free from defects in workmanship and material up to the time of initial installation and test only. In the event of a claim, TEA's obligation and liability are strictly limited to the repair or replacement, at TEA's discretion, at its plant of manufacture. All shipping costs to be by purchaser. It is the users responsibility to determine the suitability of the tank being considered for the final use.



SAXDF003 4/02

Represented By