



BOLTED & WELDED STEEL STORAGE TANKS



Engineering • Manufacturing • Installation



Clifton, TX - 333,000 gallons



Houston, TX - (2) 73,000 gallon tanks



Beaumont, CA - 2 million gallons



Rancho Cucamonga, CA - 5 million gallons

- **Potable Water**
- **Wastewater**
- **Crude Oil**
- **Fire Protection Water**
- **Dry Bulk**



Maricopa, AZ - 202,000 gallons



Big Bear, CA - 95,000 gallons



California Desert - 11,000 gallons



Kauai, HI - (2) 78,000 gallon tanks

Superior Tank Co., Inc. (STCI) is the industry leader and has been manufacturing and installing Bolted and Welded Steel Storage Tanks since 1984. Our operation centers located in Rancho Cucamonga, CA, Bakersfield, CA, and Houston, TX allow us to service the entire United States, Canada & Mexico. The ability to place the bolted tanks in shipping containers allows us to service the entire world. We are one of the few manufacturing companies that fabricate our own Bolted Steel Storage Tanks from raw materials, providing us complete control over engineering, quality and delivery schedules.

Superior Tank pioneered the process of applying factory powder coatings to the bolted tank before any other company in the industry. The result to the consumer has been greater product lifespan. Our in-house engineering staff will design the right tank for your project and direct communication between our engineering and manufacturing departments eliminates production errors. Our significant investment in the latest manufacturing technology including CNC machines and robotic welding equipment ensures accuracy and precision not available anywhere else. STCI is also a licensed, insured and bonded General Contractor and offers comprehensive installation through our professional installation teams.

Superior Tank Co., Inc. provides a number of benefits:

- Capable of offering complete Design/Manufacture/Installation
- Custom design and manufacturing to service the water, oil, waste water, dry bulk and fire protection industries
- STCI bolted steel tanks save considerable time; erection time is 1/3 compared to other types of tanks
- Powder coated finish is applied to bolted steel tanks for a virtually "Holiday Free" finish
- Premium stainless steel bolted tanks & NSF 61 certified galvanized bolted steel tanks are also available
- Wide range of bolted steel tank capacities available ranging from 10,000 to 3,000,000 gallons
- Welded steel tanks ranging in size from 100,000 to 5,000,000 gallons are also available in certain areas
- Numerous approvals & certifications ensuring the highest standards: AWWA, API Q1, NSF, FM Approvals, FDA & ISO 9001:2008

Regardless of the size or nature of your project, Superior Tank Co., Inc. will design & manufacture the best storage solution for your needs.

We look forward to earning your business.

Sincerely,

Jess E. Marquez

Jess E. Marquez, President



Providing the highest quality storage solutions for all of your water, oil and dry bulk needs.

WATER STORAGE

Superior Tank Co., Inc. manufactures bolted steel tanks with capacities ranging from 10,000 to 3,000,000 gallons specifically designed for your water storage requirements. Since 1984 STCI has been serving water municipalities, utility districts, wastewater treatment facilities, fire protection contractors, farmers and food processors. We have the experience to know what will work for you!

- **STCI tanks meet or exceed numerous standards & certification requirements:**

- AWWA Standards - for potable water
- NFPA 22 & FM certification - water storage for fire protection
- ISO 9001:2008 - for material and process quality assurance

- **Sample applications:**

- Municipal potable water storage
- Water storage for fire protection
- Food processing industry (potable water and specialty liquids storage)
- Rainwater collection
- Irrigation water storage
- Wastewater/gray water storage
- Leachate collection/processing

- **Features/benefits of STCI bolted steel tank:**

- Heavy duty EPDM gasket for outstanding resistance to weathering, temperature extremes, and UV exposure
- Improved tank flow design to prevent stagnation and reduce maintenance/operating costs
- Custom engineered to fit local building codes including wind, seismic and snow loads
- TGIC polyester type exterior powder coating for superior durability without chalking
- Epoxy interior powder coatings (AWWA, NSF & FDA approved) are non-porous for easier cleaning and greater resistance to bio-film growth
- Hot dipped galvanized finish and stainless steel bolted tanks are also available
- Interchangeable panels make it easy to expand tank size or replace damaged panels
- Flat panel bolted tanks are also available



Conroe, TX - 1 million gallons



Santa Cruz, CA - (4) 1.5 million gallons



Mentone, CA - 43,000 gallons



Cherry Valley, CA - 2 million gallons

Welded steel tanks & accessories also available!

Select projects will require a STCI welded steel tank providing other advantages:

- Knuckle roofs and floating roofs are available
- Extra large capacity available-up to 10,000,000 gallons
- Various grades of carbon steel to meet specialized requirements for chemical and petroleum industries
- Custom height/width configurations available

Superior Tank Co., Inc. Bolted Steel Tanks are tailored to the strict requirements of API 12B Standard with capacities from 100 to 10,000 BBL. Coatings and accessories are specifically designed for the oil and petrochemical industry. Flat panel tanks are also available.

- **Comply with API 12B standard**

- **Sample applications:**

- Petrochemical processing facilities
- Oil field storage
- Bioenergy production



External roof rafters available!

- **Features/benefits of STCI Bolted Steel Tank:**

- Optional special chemical resistant 3M Scotchkote™ 134 powder coating
- Heavy duty Buna-N gasket designed for corrosive petrochemical storage
(*Excellent compatibility with Ammonium Salts, Animal fats, ASTM Oil categories #1, #2, #3, ASTM reference Fuel A, B, Copper Salts, Detergents, Diesel Oil, Glycerin, Kerosene, Palm Oil, Potassium Salts, Tallow, Zinc Sulfate.*)
- Vapor tight or open top Bolted Steel Tanks available
- Floating roofs, cone roofs and external rafters also available
- Interchangeable panels make it easy to expand/relocate tank or replace damaged panels



Inglewood, CA - 211,000 gallons



Oxnard, CA - 75,000 gallons



Galveston, TX - (6) 125k, (7) 48k gallon tanks

FIRE PROTECTION
storage tanks also available!



Introducing Bolted Steel Tanks for Dry Bulk Storage:

- Design & manufacture of silos with drive-through & train-through operation
- Engineered & outfitted to meet application requirements
- Cone bottoms for optimal flow
- Easily expandable and can be relocated

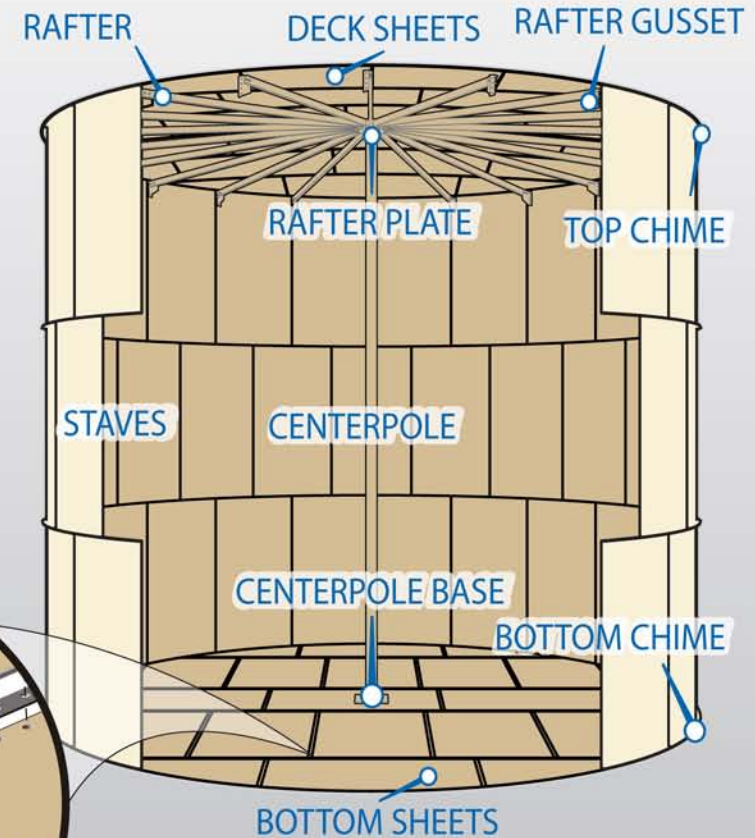
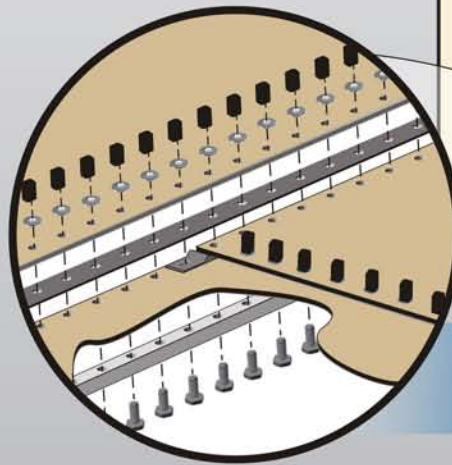
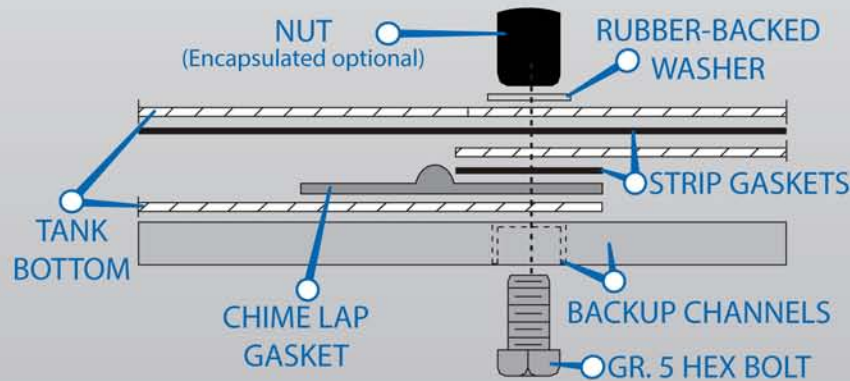


DRY BULK storage silos

ENGINEERING CAPABILITIES

Our in-house engineering staff will custom design all aspects of the tank with your specific site, installation & application information:

- Various height/width ratios to fit space constraints
- Various interior and exterior colors & coatings available
- Specialized appurtenances and accessories
- Seismic, wind and snow load configurations
- Steel cone roofs with center pole support for superior strength, larger diameter tanks and elimination of roof lift-off in higher winds
- Floating roofs, dome roofs, and cone bottoms available for design flexibility
- Standardized panels facilitate tank expansion/relocation or replacement of damaged panels
- High tensile strength bolts-120,000 lbs per inch (encapsulated optional)
- Heavy duty steel and bolting patterns available
- Single, double and triple row gaskets available for superior sealing
- Encapsulated hardware for interior where required



For additional hardware, please visit www.superiortank.com/parts-accessories/

Superior Tank Co., Inc. is committed to providing solutions to our customers' storage tank needs. STCI is an industry leader in the engineering, manufacturing and installation of bolted steel storage tanks. Our Tanks are designed to your specific application ensuring the highest performance and best value. STCI tanks are built to meet or exceed a variety of industry standards such as AWWA, FM Approvals, NSF, NFPA and API.

Superior Tank Co., Inc. meticulously manufactures each bolted steel tank using only quality materials and the latest in manufacturing technology. The end result is the best storage tank in the industry!

- Premium structural steel panels-ASTM A570, grade 40 or ASTM 36 or higher with ultimate tensile strength up to 79,800 psi
- CNC machinery precisely crafts parts with extreme accuracy
- Robotic welding arm ensures defect free welds every time
- Various hydro-mechanical press brakes for exact forming of panels
- Machine punched gaskets ensure a perfect fit thereby preventing leaks
- Factory applied thermoset powder coating for greater durability
- Pre-packaged, ready to install bolted tank systems complete with all hardware and accessories ("Tank in a Box")



Watch a time lapse of the bolted tank manufacturing process
www.superiortank.com



Our manufacturing facility utilizes the latest in precision technology. Our Bolted Tanks, and custom fittings, are precision manufactured to strict specifications in Superior Tank Co., Inc.'s factory.

BOLTED STEEL TANK COATINGS

Superior Tank Co., Inc. applies the final finish to all bolted steel tanks before they leave our factory. Every square inch is prepared for coating using sandblasting per the most stringent standard of Near White SSPC SP10/NACE No.2. All coatings are applied in a special environmentally controlled area to ensure a defect free finish. Coatings are applied in two separate stages allowing for maximum durability of both interior and exterior surfaces. Interior coatings are selected for chemical resistance and hardness and exterior coatings are designed for UV and corrosion protection.

Our specially designed powder coated finish is distinct in numerous ways:

- Electrostatic application at factory in environmentally controlled conditions for 100% adherence and uniformity
- Heat cured immediately for outstanding bonding
- High impact and abrasion resistant
- Easy to repair in the field, if needed
- Environmentally safe (no site application permits required)
- Flexible with no cracking or sparring associated with other coatings
- Double edge coating (interior and exterior coating) for superior corrosion protection
- Thicker (5 mil) application for greater durability
- NAP-Guard system for outstanding protection against acids, hydrocarbons and inorganic compounds



DuPont™/Alestal™ Standard Powder Coatings:

Interior - Epoxy:



Independent laboratory testing of STCI powder coating finish ensures many years of real world durability and longevity:*

- Unsurpassed abrasion resistance even after 1000 abrasion cycles.
- Outstanding resistance to a corrosive environment (Salt Spray Testing).
- Even after 1000 hours of extreme condition lab testing, our powder coating showed no signs of deterioration (temperature and humidity testing)

Exterior - TGIC Polyester: * Shown colors are approximations. Actual final colors may vary slightly. Custom colors also available!



3M Scotchkote™ 134 Premium Powder Coating also available! - Interior only

- Best for storage of corrosive liquids. - ie. (H2S)
- Best chemical resistance (tested with over 1000 chemicals).
- Tested to extreme conditions in aqueous, HC and gas phases without blisters or coating loss: 300 degrees @ 3000psi.

134W

INNOVATIVE SiZr Seal! To provide additional corrosion protection with powder coated finishes, STCI offers a Silica & Zirconium (SiZr) liquid seal. The seal is sprayed onto the prepared steel underneath the powder coating. Lab tests have shown the SiZr seal slows the rate of corrosion and prevents the spread of corrosion when the coating surface is damaged by a dropped tool or thrown rock. By keeping the corrosion localized, the seal minimizes corrosion spreading and undercutting. In addition, the SiZr seal increases the coating adhesion and bonding to the steel thereby increasing the durability. The SiZr seal can make the difference between a minor cosmetic touch up and a major coating repair.

*For additional information on our powder coating lab testing, please visit www.superiortank.com

Superior Tank Co., Inc. offers comprehensive and hassle free, turnkey installation in many regions.

STCI will make your installation fast and easy:

- Decades of experience constructing and installing welded and bolted steel tanks.
- All delivery, foundation, erection and testing handled by STCI, if required.
- Skilled and experienced teams are licensed, bonded and insured for your peace of mind.
- Tremendous time savings-parallel site preparation and bolted tank manufacturing.

Watch a time lapse video of
a bolted tank installation
www.superiortank.com



Ontario, CA - 267,000 gallons

PARTS/OPTIONS/ACCESSORIES

STCI manufactures a variety of bolted and welded tank accessories:



Liquid Level Indicators

- English or metric units
- Stainless steel internals
- Full or half travel



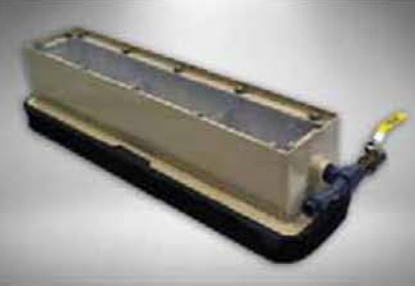
Cast Iron Flange

- 1/2" threaded connection to tank
- 2" to 8" diameter
- Bolts through shell



Uni Tank Flange

- Threaded connection to tank
- 1" to 6" diameter
- Threaded through shell



Vacuum Tester Box

- Ensures leak free tank bottom
- Operates on compressed air



Nozzle

- FPC or galvanized, stainless steel
- 6" to custom projections
- Bolted to tank



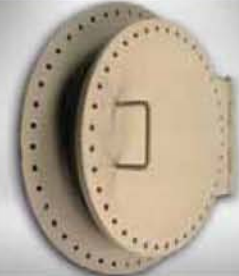
Anti-Vortex Outlet

- FPC or galvanized, stainless steel
- Eliminates cavitation of pumps



Weir Box/Cones

- FPC or galvanized, stainless steel
- Overflow weir
- Custom sized to tank



Shell Manway (Hinged)

- FPC, galvanized, stainless steel
- 24" and 36" sizes
- Side hinge



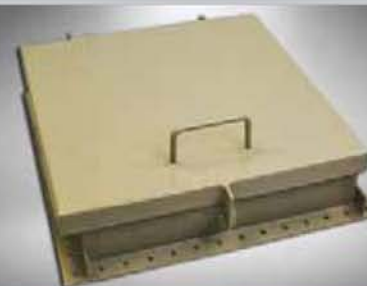
Sample Box (5 Lines)

- FPC or galvanized
- Facilitates level sampling
- 5+ lines



Sample Tap Level Gauge

- Provides accurate level reading
- Convenient sampling



Roof Hatch

- FPC or galvanized, stainless steel
- 12" to 36" sizes
- Hinged & lockable



Cone Deck Manway

- FPC or galvanized, stainless steel
- 20", 24" and 36" sizes
- Sealed for API application

For additional parts & accessories, please visit www.superiortank.com/parts-accessories/ or call 800-221-8265



Exterior/Interior Ladder

- FPC or galvanized, stainless steel
- Open or with backguard
- With or without anti-climb
- Saf-T-Climbs



Ladder Enclosures

- Lockable
- With or without anti-climb
- Auto close gates



Inlet Air Gap

- Prevents backflow in potable water systems
- Improves air flow in/out of tank when water level changes



Roof Vent

- FPC or galvanized, stainless steel
- Alum dome
- Galvanized, nylon, SS or fiberglass screen



Floor Sump

- Collects settling sediment
- Facilitates sediment cleanout



Step off Platform/Bridge Walk

- Galvanized finish
- Custom sized to tank
- OSHA compliant



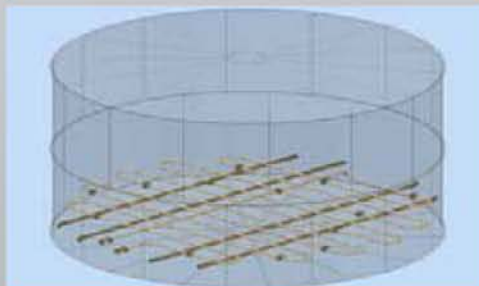
Spiral/Straight Staircase

- Galvanized finish
- Custom sized to tank
- OSHA compliant



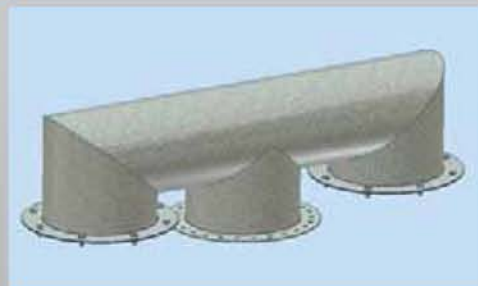
Frost Free Roof Vent

- FPC or galvanized, stainless steel
- Alum dome
- Galvanized, nylon, SS or fiberglass screen



Heater Coils

- Suitable for various liquids
- Carbon or stainless steel tubing
- API/AWWA Application



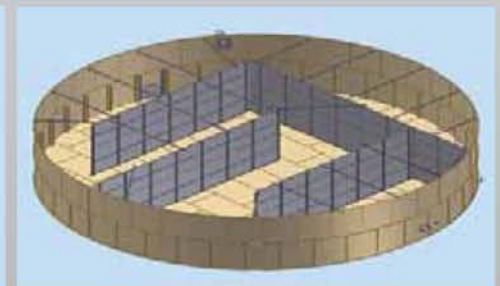
T-Vent

- FPC or galvanized, stainless steel
- Custom sized tank to requirements
- Galvanized, nylon, SS or fiberglass screen



Extended Neck Cleanout

- FPC or galvanized, stainless steel
- 24"x36" to 36"x 72"
- API Application



Baffle Systems

- Ensures sufficient retention time
- Reduces liquid movement in seismic events

TANK DESIGN COMPARISON

| | POWDER COATED BOLTED STEEL TANK | | FIELD PAINTED WELDED TANK | |
|-------------------------------------------------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------|---------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Designed and built to meet numerous standards and certifications | ✓ | AWWA, NSF, API, NFPA, FM Approvals | ✓ | AWWA, API, NFPA |
| Meets or exceeds all relevant building codes including wind, seismic and snow loads | ✓ | Internal engineering team designs tank per project | ✓ | Internal engineering team designs tank specifications per project |
| Standard capacity range (10,000 to 3,000,000 gal.) | ✓ | 10,000 to 3,000,000 gallons | ✓ | 50,000 to 20,000,000+ gallons |
| Reservoir capacity range (2,000,000 to 50,000,000 gal.) | ✗ | Limited to 2,000,000 or 5,000,000 due to panel design | ✓ | Extra large capacities up to 25,000,000+ gallons |
| Construction speed | ✓ | 1/3 of time required by other designs | ✓ | Meets time constraints even with welding & grinding of each seam |
| Site impact (noise, traffic, dust, space) | ✓ | Very minimal due to factory prefabrication and bolt together assembly. No welding or painting on site required | | Typical construction impact: daily deliveries, portable generators for welding and compressors for sandblasting painting |
| Equipment and personnel required for installation | ✓ | No special equipment or certified labor required | ✗ | Automated or manual welding with certified personnel required. Large heavy duty cranes also required |
| Easiest installation | ✓ | Smaller panels are easy to set up. No welding or sparks to ignite surroundings | | Panels require standard staging area and open space to maneuver into position |
| Difficulty of expansion | ✓ | Can be disassembled quickly and reinstalled. Additional panels can be inserted to increase tank capacity | ✓ | Expansion requires cutting welds then removing entire roof, adding panels, rewelding, recoating and sandblasting. |
| Durable and non-seeping seam seal | ✓ | Heavy duty Viton, EPDM or Buna-N gasket | | N/A |
| Resistant to weather delays | ✓ | Prefinished, smaller panels can be assembled in a variety of conditions | | Caution needed when welding & coating in extremely dry areas or with excess moisture present |
| Difficulty of field repair | ✓ | Can be touched up easily with common supplies | ✓ | Can be touched up easily with common supplies |
| Ease of cleaning | ✓ | Non-porous powder coating is easy to clean | ✓ | Non-porous coating is easy to clean |
| Corrosion resistance & coating durability | ✓ | Even if coating is damaged, SiZr seal will isolate corrosion to local area | | Traditional liquid coating over entire surface |
| Well suited for hydrocarbon or corrosive chemical storage | ✓ | Specially formulated powder coating for corrosive materials and hydrocarbon liquids | ✓ | Specific coatings available for hydrocarbon storage |
| Lifespan cost | ✓ | Lower initial cost, long lifespan & low renovation cost | ✓ | Higher initial cost & higher renovation cycle |

*Field painted welded tanks are suitable for storage of certain liquids and can provide comparable performance. For larger capacities, welded tanks can be a cost efficient option.



HIGHLIGHTS:

- Fastest erection time
- Very minimal site impact
- Best for oil, water & dry bulk storage
- Lowest overall lifespan cost

- Wide capacity range
- Well suited for petroleum storage
- Higher site impact
- Medium overall lifespan cost

| GLASS LINED TANK | | CONCRETE TANK | |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| ✓ | AWWA, API, NFPA, FM Approvals | ✗ | AWWA only |
| ✓ | Engineering firm will develop design & specifications | ✓ | Engineering firm specializing in concrete tanks will develop design & specifications |
| ✓ | 10,000 to 2,000,000 gallons | ✓ | 80,000 to 50,000,000 gallons |
| ✗ | Limited to 2,000,000 or 5,000,000 due to panel design | ✓ | Large reservoir capacities up to 50,000,000 gallons |
| ✓ | Bolt together design reduces erection time | ✗ | Lengthy set up and prep time. Long concrete cure time also slows process |
| ✓ | Very minimal due to factory prefabrication and bolt together assembly | ✗ | Heavy concrete truck traffic and deliveries of forms. Concrete pump equipment needed to fill forms |
| ✗ | Special tools required and special training needed to work with glass panels to prevent breakage | ✗ | Specialized forming equipment & structural concrete experience required. Frequent sampling of concrete needed. |
| ✓ | Smaller panels are easier to set. No welding or sparks to ignite surroundings | ✗ | Large access needed for concrete trucks, form set up and pump trucks |
| ✓ | If glass coating is still intact, the panels can be disassembled carefully and reinstalled. Additional panels inserted to increase tank capacity | ✗ | Concrete cannot be expanded or relocated |
| ✗ | Putty/caulking which can ooze, resulting in leaks | | N/A |
| ✓ | Prefinished, smaller panels can be assembled in a variety of conditions | ✗ | Temperature and humidity sensitive due to effect on curing process |
| ✗ | Special tools, skills & materials required. | ✗ | Original condition equivalent permanent repairs not possible |
| ✓ | Non-porous glass surface easy to clean | ✗ | Porous surface can trap biofilm |
| ✓ | Good resistance unless coating damage occurs | ✗ | Steel reinforcement subject to corrosion due to moisture in concrete |
| ✓ | Glass coating resistant to corrosive or hydrocarbon liquids | ✗ | Concrete surface not suitable for storage of corrosive or hydrocarbon liquids |
| ✗ | Very high initial cost. Renovation not possible; only complete replacement | ✗ | Very high initial cost & frequency inspection needed. Frequent and expensive maintenance may be necessary depending on the design & construction |

**THE
SUPERIOR TANK
COMPANY INC.®**

ADVANTAGE

**LOWEST INITIAL COST
FASTEST ERECTION TIME
LONGER RENOVATION CYCLE
LOWEST LIFECYCLE COST**



- **Fast erection time**
- **Very minimum site impact**
- **Medium capacity range**
- **High overall lifespan cost**

- **Very large capacity**
- **High site impact**
- **High overall lifespan cost**

TANK CAPACITIES

Superior Tank Co., Inc. knows that your storage needs differ from project to project. Therefore, we offer a wide range of capacities and sizes to fit your needs.



STANDARD BOLTED TANK CAPACITIES

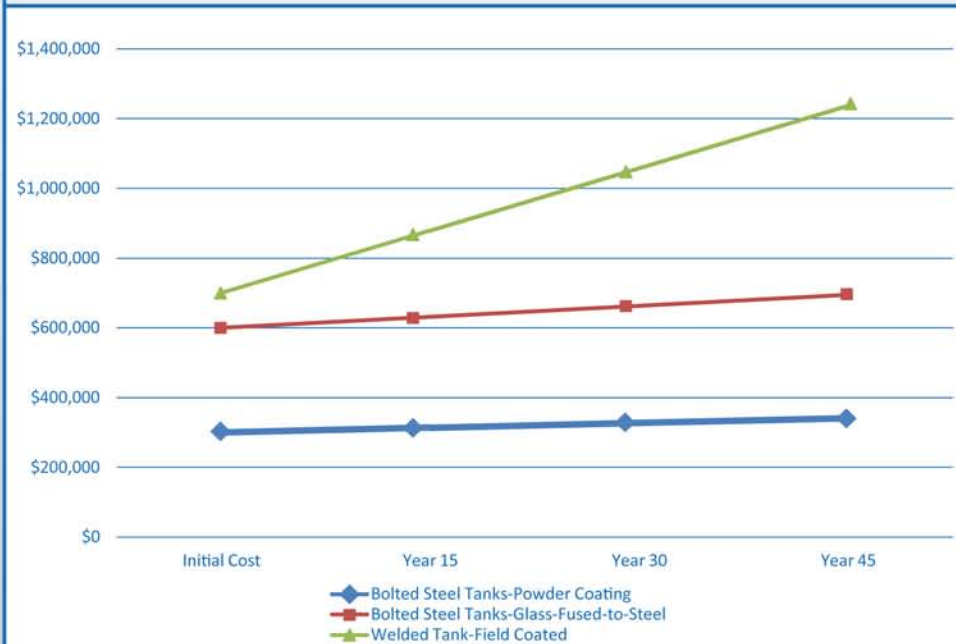
| TANK | | HEIGHTS | | | | | | | | | | | | | | | |
|---------------------|-----------------------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|
| DIAMETERS (FEET) | DIAMETERS (METERS) | feet | meters | feet | meters | feet | meters | feet | meters | feet | meters | feet | meters | feet | meters | feet | meters |
| | | 8'-1/2" | 2.451 | 16'-1" | 4.901 | 24'-1 1/2" | 7.353 | 32'-2" | 9.805 | 40'-2 1/2" | 12.255 | 48'-3" | 14.707 | 56'-3 1/2" | 17.158 | 64'-4" | 19.609 |
| 9'-2 3/4" | 2.813 | 4,023 | 15 | 8,047 | 30 | 12,073 | 46 | 16,097 | 61 | 20,121 | 76 | 24,145 | 91 | 28,169 | 107 | 32,193 | 122 |
| 12'-3 11/16" | 3.751 | 7,155 | 27 | 14,309 | 54 | 21,468 | 81 | 28,624 | 108 | 35,780 | 135 | 42,936 | 163 | 50,092 | 190 | 57,248 | 217 |
| 15'-4 5/8" | 4.690 | 11,181 | 42 | 22,362 | 85 | 33,549 | 127 | 44,733 | 169 | 55,915 | 212 | 67,099 | 254 | 78,282 | 296 | 89,464 | 339 |
| 17'-2 1/4" | 5.239 | 13,955 | 53 | 27,910 | 106 | 41,874 | 159 | 55,832 | 211 | 69,789 | 264 | 83,747 | 317 | 97,705 | 370 | 111,662 | 423 |
| 18'-5 9/16" | 5.628 | 16,104 | 61 | 32,208 | 122 | 48,322 | 183 | 64,429 | 244 | 80,535 | 305 | 96,643 | 366 | 112,751 | 427 | 128,857 | 488 |
| 21'-6 1/2" | 6.567 | 21,920 | 83 | 43,841 | 166 | 65,775 | 249 | 87,701 | 332 | 109,624 | 415 | 131,550 | 498 | 153,476 | 581 | 175,399 | 664 |
| 23'-9 3/16" | 7.244 | 26,679 | 101 | 53,359 | 202 | 80,055 | 303 | 106,741 | 404 | 133,424 | 505 | 160,110 | 606 | 186,796 | 707 | 213,478 | 808 |
| 25'-9 3/8" | 7.859 | 31,396 | 119 | 62,792 | 238 | 94,208 | 357 | 125,612 | 476 | 157,012 | 595 | 188,416 | 713 | 219,820 | 832 | 251,220 | 951 |
| 26'-8 15/16" | 8.153 | 33,788 | 128 | 67,576 | 256 | 101,385 | 384 | 135,182 | 512 | 168,974 | 640 | 202,770 | 768 | 236,567 | 896 | 270,359 | 1024 |
| 29'-8 5/8" | 9.059 | 41,720 | 158 | 83,440 | 316 | 125,186 | 474 | 166,917 | 632 | 208,642 | 790 | 250,373 | 948 | 292,103 | 1106 | 333,829 | 1264 |
| 32'-8 3/16" | 9.962 | 50,454 | 191 | 100,908 | 382 | 151,393 | 573 | 201,860 | 764 | 252,320 | 955 | 302,786 | 1146 | 353,253 | 1337 | 403,713 | 1528 |
| 34'-2" | 10.415 | 55,143 | 209 | 110,286 | 418 | 165,464 | 626 | 220,620 | 835 | 275,770 | 1044 | 330,927 | 1253 | 386,084 | 1462 | 441,234 | 1671 |
| 38'-7 5/8" | 11.777 | 70,508 | 267 | 141,016 | 534 | 211,568 | 801 | 282,094 | 1068 | 352,611 | 1335 | 423,137 | 1602 | 493,662 | 1869 | 564,179 | 2136 |
| 40'-1 5/16" | 12.226 | 75,991 | 288 | 151,982 | 575 | 228,020 | 863 | 304,030 | 1151 | 380,030 | 1439 | 456,040 | 1727 | 532,049 | 2014 | 608,050 | 2302 |
| 41'-7 1/8" | 12.679 | 81,722 | 309 | 163,444 | 619 | 245,217 | 928 | 326,959 | 1238 | 408,691 | 1547 | 490,434 | 1857 | 572,176 | 2166 | 653,908 | 2476 |
| 44'-6 3/4" | 13.586 | 93,820 | 355 | 187,640 | 710 | 281,459 | 1065 | 375,280 | 1421 | 469,100 | 1776 | 562,920 | 2131 | 656,740 | 2486 | 750,560 | 2841 |
| 47'-6 3/8" | 14.488 | 106,716 | 404 | 213,433 | 808 | 320,216 | 1212 | 426,959 | 1616 | 533,689 | 2020 | 640,432 | 2424 | 747,175 | 2829 | 853,904 | 3233 |
| 50'-6 1/16" | 15.395 | 120,489 | 456 | 240,977 | 912 | 361,541 | 1369 | 482,060 | 1825 | 602,563 | 2281 | 723,082 | 2738 | 843,601 | 3194 | | |
| 54'-11 3/4" | 16.759 | 142,781 | 541 | 285,563 | 1081 | 428,433 | 1622 | 571,249 | 2163 | 714,048 | 2703 | 856,865 | 3244 | | | | |
| 59'-5" | 18.111 | 166,763 | 631 | 333,525 | 1263 | 500,392 | 1894 | 667,196 | 2526 | 833,980 | 3157 | 1,000,784 | 3789 | | | | |
| 65'-4 5/16" | 19.922 | 202,403 | 764 | 404,805 | 1528 | 607,334 | 2292 | 809,787 | 3056 | 1,012,215 | 3820 | | | | | | |
| 72'-9 7/16" | 22.186 | 250,250 | 947 | 500,499 | 1895 | 750,904 | 2843 | 1,001,216 | 3790 | 1,251,497 | 4738 | | | | | | |
| 74'-3 1/4" | 22.639 | 260,565 | 986 | 521,130 | 1973 | 781,857 | 2960 | 1,042,487 | 3947 | 1,303,084 | 4933 | | | | | | |
| 80'-2 9/16" | 24.450 | 303,933 | 1151 | 607,866 | 2301 | 911,988 | 3452 | 1,215,997 | 4603 | | | | | | | | |
| 86'-1 7/8" | 26.261 | 350,630 | 1327 | 701,259 | 2655 | 1,052,107 | 3983 | 1,402,824 | 5311 | | | | | | | | |
| 92'-1 3/16" | 28.073 | 400,671 | 1517 | 801,341 | 3034 | 1,202,261 | 4551 | | | | | | | | | | |
| 95'-0 3/16" | 28.956 | 426,994 | 1616 | 853,988 | 3233 | 1,280,981 | 4849 | | | | | | | | | | |
| 103'-11 3/4" | 31.676 | 510,776 | 1933 | 1,021,551 | 3867 | 1,532,327 | 5800 | | | | | | | | | | |
| 124'-9 5/16" | 38.033 | 735,427 | 2784 | 1,470,854 | 5568 | 2,206,739 | 8354 | | | | | | | | | | |
| | | US Gallons | Cubic Meters | US Gallons | Cubic Meters | US Gallons | Cubic Meters | US Gallons | Cubic Meters | US Gallons | Cubic Meters | US Gallons | Cubic Meters | US Gallons | Cubic Meters | US Gallons | Cubic Meters |

• Other Tank Configurations Available Upon Request

Please note: this chart is for reference only. Soil investigation, foundation design, freeboard requirements, wind loads, deck loads, seismic loads and liquid weight are factors that can impact your overall tank design.

When the total costs of various tank types are compared, it is clear STCI bolted steel tanks with factory applied powder coating will save you considerable money over the operating life of the tank.

OPERATING CYCLE CUMULATIVE COSTS



| Welded Tank-Field Coated | | | Cumulative cost |
|--------------------------|------------|------------|--------------------|
| Initial Cost | | | \$700,000 |
| Year 15 | Renovation | \$ 179,107 | \$879,107 |
| Year 30 | Renovation | \$ 179,107 | \$1,058,213 |
| Year 45 | Renovation | \$ 179,107 | \$1,237,320 |
| 50 Year Total | | | \$1,237,320 |

| Bolted Steel Tanks-Glass-Fused-to-Steel | | | Cumulative cost |
|-----------------------------------------|---------------------------|----------|------------------|
| Initial Cost | | | \$600,000 |
| Year 15 | Sealant/panel replacement | \$31,481 | \$631,481 |
| Year 30 | Sealant/panel replacement | \$31,481 | \$662,962 |
| Year 45 | Sealant/panel replacement | \$31,481 | \$694,444 |
| 50 Year Total | | | \$694,444 |

| Bolted Steel Tanks-Powder Coated | | | Cumulative cost |
|----------------------------------|----------|----------|------------------|
| Initial Cost | | | \$300,000 |
| Year 15 | Touch up | \$13,670 | \$313,670 |
| Year 30 | Touch up | \$13,670 | \$327,340 |
| Year 45 | Touch up | \$13,670 | \$341,010 |
| 50 Year Total | | | \$341,010 |

STCI bolted steel tanks save you money for a variety of reasons:

- 1) Lower initial purchase price
- 2) Reduced installation costs, and welded tanks require expensive field welding, site sandblasting and inspections associated with field coating
- 3) Dramatically reduced maintenance costs over the total life span
- 4) Longer life of exterior coating requires only minor touch up
- 5) Extremely durable preformed gasket system remains flexible and lasts up to 50+ years
- 6) All bolted tanks are designed to the specific application for maximum performance



Please visit www.superiortank.com for:

- Download Bolted & Welded Steel Tank sample specifications
- Concrete & steel tank parts and accessories
- Installation videos
- The latest news, our blog, and updates
- Price quotes





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