IN DRY BULK STORAGE

TANK CONNECTION LEADS THE INDUSTRY!
Tank Connection (TC) is a global leader of custom engineered storage tank systems, solutions and services. Our bulk storage tank systems are recognized around the globe for setting a new benchmark of quality and field performance. TC is the only tank manufacturer that designs, fabricates and installs all types of steel storage systems including Bolted RTP, Field-weld, Shop-weld, SIT and Hybrid Tank Construction. TC encompasses multiple storage tank manufacturing facilities in the US, along with a domestic and global network of distribution. All Tank Connection products are manufactured in the U.S., with shipments and installations worldwide.

Bolted RTP construction has become the clear front runner and proven “product of choice” for storage facilities globally. Essentially, RTP design is a bolted version of a field-weld tank design. This bolted design is a precision engineered product. It does not leak or develop leaks. It has virtually outdated and eliminated the use of API 12B (flanged panel) and other types of bolted tank construction in bulk storage applications.

Bolted RTP construction evolved out of the hybrid tank designs that Tank Connection developed for the power industry. In power facility applications (both dry & liquid), RTP construction is recognized as an equal or preferred design to field-weld construction. These tanks offer unlimited options including elevated concrete floors, elevated steel floors, spiral stairways, mass flow hopper designs, drive through skirt designs, elevated on structural steel, penthouses, etc.
Bolted RTP tanks feature a smoothwall (no ledges) tank interior, exact manufacturing tolerances and the #1 rated powder coat process available for bulk storage applications. Our powder coat system runs over twice the length of a football field and includes 14 stations, 21 stages and over 110 application processes, checks and inspections. Our design, manufacturing and field installation performance is second to none in the industry.

To further complement its quality and efficiency, the field construction process for bolted RTP construction leverages a synchronized jacking process that allows field crews to build large bulk silos at grade level. By utilizing our process, bolted storage tank systems can be installed in one-third the time required for field-weld construction. The end result is high quality tank field installation services at the lowest factored costs. The dollar and time savings to our clients can be significant.

Tank Connection is an ISO 9001 certified company, that is also employee owned. You get the best of both worlds when an extensive ISO program is implemented by employee owners. We start each day with a mindset and focus for excellence to deliver storage tank products and services of unmatched quality. Our focus has led us down a path to lead the industry in much more than the design, manufacture and installation of the top performance bulk storage silos available. We lead the industry in all areas of storage system performance including:

- Dry bulk application expertise
- Innovative tank design engineering
- Storage solutions
- Storage tank manufacturing technology
- Factory baked-on coatings systems
- Vertical integration of operations
- Field construction tank services
- “Golden Rule” customer service

“Tank Connection personnel are committed to the relentless pursuit of continuous improvement in all of our business operations to fulfill the needs of our customers.”

From product flow testing, to guaranteed material discharge, our clients rely on TC to perform at a higher standard than other suppliers. Our customer testimonies are unlimited in promoting TC storage systems, as the best available, offering unmatched performance in the field. We recognize that our success is due to our client’s loyalty and our employees’ passion for continuous improvement in all operations.
At TC, our design credentials and certifications are unmatched in the industry. Common code requirements include: IBC, UBC, NFPA, FM, ASME, NSF, FDA, AWWA, ASTM, OSHA, ANSI, MSHA, ACI, API and more. Our in-house staff of PE’s, project managers, and drafting detailing services allow us to offer all types of steel tank construction, tailored for any global location.

TC Engineering is the innovative developer of RTP (rolled, tapered panel) bolted hopper tanks for dry bulk storage applications. TC is also the innovator of hybrid storage tank construction, which combines the best features of bolted, welded and concrete construction. At TC, we are driven by engineering performance and innovation. Our internal listing of PE stamps is extensive. We provide storage tank designs supported with PE stamps from any U.S. state or international location.

WELL-DESIGNED STORAGE IS SOMETHING YOU CAN SEE

Tank Connection is the engineer’s first choice in large volume storage applications. Our client base consists of Fortune 1000 companies and the leading international engineering design firms. From 3-D modeling to SIT (system installed tanks) shipped to the jobsite with the client’s components installed, TC engineering capabilities are well established as the industry leader for bulk storage applications.

Well-designed storage is something you can see!
SAFETY DEFINES OUR FIELD PERFORMANCE

Tank Connection builds storage silo systems worldwide. We have developed a proprietary jacking system that allows us to jack build large, bulk, hopper silos from grade level. We station these synchronized jacking systems at numerous global locations. When you keep installation crews at grade level during tank construction, field quality and safety are enhanced to an unmatched performance level.

MAJOR DRY BULK STORAGE PRODUCTS OFFERED

- Bolted RTP (rolled, tapered panel) hopper tanks
- API 650, 620 field-welded hopper tanks
- Shop-welded hopper tanks
- SIT (system installed tanks)
- Hybrid storage tanks
- XL flat bottom storage systems
- Gravity blend silos
- FGD applications
- Cement terminals
- Minerals & mining storage
- Plastic resin storage tanks
- Petrochem storage
- Processed food storage
- Power utility applications
- Mass flow storage
STANDARD, SPECIAL & CUSTOM BULK STORAGE DESIGNS

TECHNICAL AND FIELD SERVICES OFFERED

- Custom tank design services
- Non-union field installation services
- Union field installation services
- Tank support structure designs
- Project management services
- “Golden Rule” customer service
- Storage system integration
- Tank foundations
- Dome designs
- Tank insulation
- Tank inspections

OUR TECHNICAL AND FIELD SERVICES ARE RECOGNIZED AS THE BEST IN THE INDUSTRY!

- Expanded flow storage
- Funnel flow storage
- Geodesic dome covers
- Storage containment solutions
- Integrated storage solutions
- Anti-segregation storage applications
- Lime & limestone storage
- Aggregate storage
- Frac sand storage
- Dry bulk material storage
- Storage terminals
- Truck & rail receiving/load out terminals
- Tanks on load cell applications
- Tank venting per NFPA

XL ALUMINUM GEODESIC DOME STORAGE • BRAZIL

POWER APPLICATIONS • UNITED STATES

SHOP-WELD • UNITED STATES

SHOP-WELD BATTERY • UNITED STATES
Tank Connection (TC) manufacturing facilities are unmatched compared to any other tank company worldwide. TC is the largest manufacturer of bolted hopper bottom tanks in the world. Our shop-weld, field-weld and hybrid tank construction sets the benchmark quality standard in the industry. When you specify TC, you have selected the engineers’ 1st choice for dry bulk storage applications.

**TANK CONNECTION HQ**

Tank Connection headquarters is the premier, bolted tank manufacturing facility in the world. The location includes over 85,000 sq. ft. of space with state-of-the-art equipment dedicated to Bolted RTP production. The number one rated powder coating system for bolted steel storage tanks resides at this facility. The facility is ISO 9001 certified.

85,000 SQ. FT. | PARSONS, KS | BOLTED RTP TANKS

**GALESBURG FACILITY**

The newest Tank Connection facility is located in Galesburg, KS. In order to double production, the largest powder coating system for bolted storage tanks was installed to meet global demand for Tank Connection dry bulk and liquid storage products. The 120,000 sq. ft. of manufacturing space is dedicated to bolted RTP, aluminum geodesic dome, structural steel manufacturing and more. The facility is ISO 9001 certified.

120,000 SQ. FT. | GALESBURG, KS | BOLTED RTP TANKS | STRUCTURAL STEEL | ALUMINUM DOMES

**BOSS TANK**

BOSS Tank is an industry leading facility, featuring the best in custom shop-welded hopper tank fabrication. The 70,000 sq. ft. facility in Oswego, KS, incorporates the latest in factory applied coating systems. The interior coating systems are FDA and NSF approved and are designed for abrasion resistance, corrosion protection and flow promotion. The exterior coating systems are designed for the exposed environment and low maintenance requirements. The facility is ISO 9001 quality system certified.

70,000 SQ. FT. | OSWEGO, KS | SHOP-WELD TANKS | SYSTEM INSTALLED TANKS

**CONSTRUCTION SERVICES**

This 30,000 sq. ft. facility, located in Parsons, KS, is dedicated to field construction services and manufacturing of proprietary jacking equipment. Tank Connection’s Construction Services Group is the top ranked bolted tank installation company worldwide.

30,000 SQ. FT. | PARSONS, KS | PROPRIETARY JACK EQUIPMENT | FIELD CONSTRUCTION SERVICES
TCAG storage systems not only command the highest quality ratings in the industry, but our company process operations are vertically integrated, which promotes our global position as a competitive price leader. Starting with steel procurement at the mill and finishing with construction services in the field, all value-added design, manufacturing, project management, system integration and field installation services are performed by TC personnel. The TC Affiliate Group is the “single source” provider for all types of integrated storage systems.