

FEATURING THE BEST IN CUSTOM DESIGN SHOP-WELDED STORAGE TANKS & INTEGRATED STORAGE SYSTEMS!

UNMATCHED EXPERIENCE BY THE EXPERTS IN STORAGE SOLUTIONS!



DRY BULK STORAGE

- Minerals & Aggregates
- Food Products
- SIT (system installed tank)
- Mass, Funnel & Expanded Flow Designs
- Petrochem & Plastic Resins
- Power Applications
- Blenders

LIQUID STORAGE

- Industrial Liquids
- Standpipes
- Chemical Storage
- API Standard 620 & 650
- AWWA D100 Standard
- Pressure Vessels

THE TANK CONNECTION SHOP-WELD TANK ADVANTAGE

There's a reason why everywhere you look you find Tank Connection!



- Expert design, fabrication & coatings by the industry leaders in storage ... Tank Connection.
- Welded tank diameters range from 6' - 14' diameter.
- Tank heights up to 85' shipped as one piece construction.
- Standard hopper slopes available: 45, 50, 55, 60, 65, 70 degree.
- Custom hopper slopes available from 5 up to 80 degrees based on product flow testing.
- Custom design chisel hopper designs for passive material discharge.
- Materials of construction: Coated carbon steel, stainless steel & hybrid construction.
- Factory interior coatings are FDA & NSF approved and are designed for abrasion, corrosion and flow promotion.
- Factory exterior coatings are designed for the exposed environment and low maintenance requirements.
- Product flow testing conducted to ensure mass or funnel flow discharge requirements.
- Unmatched shop quality assurance program.
- Special SIT (system intalled tank) designs include: Insulation, auxiliary equipment, bin activators, hopper fluidization, control valves, slide gates, wiring harness, control panels and other customer requested components installed in skirt of tank prior to shipment.
- Special design considerations can be incorporated per NFPA 68, FM, AWWA D100, API 620 & ASME code requirements.
- Tank support styles include: Leg, skirt, lug, girder, load cell and structural steel supports.
- Central U.S. shop location allows TC to ship shop-weld tanks throughout North America.
- Welding procedures qualified to AWS and ASME.
- We offer SP6 - SP10 controlled "steel grit" blast.
- Foundation design service available.
- Turnkey design, manufacturing and field installation by one company ... Tank Connection.
- Total storage system performance guarantee.
- "Golden Rule" customer service on every project.



WE SPECIALIZE IN DRY BULK STORAGE APPLICATIONS

Mineral Storage: Pebbled Lime, Quick Lime, Hydrated Lime, Other Lime, Diatomaceous Earth, Barite, Perlite, Bentonite, Calcium Carbonate, Alumina, Gypsum, Talc, Sand, Coal, Kaolin Clay, Other Clay, Phosphates, Mineral Salt, Vermiculite, Zeolite, Ore, Feldspar, Integrated Storage Systems

Power Utility Service: Fly Ash, Bottom Ash, PRB Coal, Lignite Coal, Lime, Limestone, Powdered Limestone, FGD Storage Systems, Pebble Lime, Dry Other, Specialists in Mass Flow, Integrated Storage Systems

FGD & Limestone Storage Systems: Lime, Limestone, Powdered Limestone, FGD Storage Systems, Specialists in Mass Flow, Integrated Storage Systems

Storage Terminals: All Types Dry Bulk Materials, Truck Load Out Systems, Specialists in Mass Flow, Integrated Storage Systems

Chemical Storage: Carbon Black, Sodium Carbonate (Soda), Soda Ash, Fly Ash, Bottom Ash, Miscellaneous Ash, Cement, Sodium Hydroxide, Urea Prills, Sodium Nitrate, Petroleum Coke, Coal Coke, Magnesium Oxide, Rubber, Soap, Detergent, Glass, Gullet, Stucco, Miscellaneous Acid, Potassium Carbonate K₂C₀₃, Potassium Nitrate KN₀₃, Aluminum Trihydroxide, Integrated Storage Systems

Cement Terminals: Cement, Fly Ash, Sand, Rock, Aggregate, Truck Loadout Systems, Integrated Storage Systems

Food Storage: Flour, Pearl Starch, Starch, Sugar, Rice, Salt, Soybean Meal, Cornmeal, Bonemeal, Meat Meal, Dried Distillers Grain, Beet Pellets, Buttermilk Solids, Corn Gluten, Dextrose, Farina, Feather Meal, Fish - Whole/Meal, Flour Premix, Milk Solids, Mids/Middlings, Oyster Meal, Blood, Peanuts, Malt, Integrated Storage Systems

Plastic Resin Storage & Blenders: ABS Pellets, Nylon Pellets, Polycarbonate Pellets, Polyethylene Pellets, Polyester Pellets, Polypropylene Pellets, Polystyrene Pellets, PVA Pellets, Virgin PVC Pellets, Other Plastic Pellets, PVC Compound, PET, Rim Regrind, Film, Other Regrind, Other Powders, Linear Low Polyethylene, PVC Powder, PVC Flexible Pellets, Starch, Thermo Plastic Granules, San Resin, K-Resin, Integrated Storage Systems

Ag & Meal Storage: Corn, Wheat, Milo, Soybeans, Grain Dust, Guar Beans, Rice Hulls, Coffee Beans, Corn Hull, Cotton Seed, Cocoa Beans, Mustard Seed, Misc. Grains, Barley, Integrated Storage Systems

Biomass Storage: Wood Chips, Sawdust, Hogged Fuel Bark, Wood Flour, Charcoal, Sanders Dust, Other Wood Fuel, Dry Wood Waste, Starch, Integrated Storage Systems

Dry – Other: Kiln Dust, Furnace Dust, Crushed Rock Dust, Roofing Granules, Dewatered Sludge, Product Testing, Engineering Services, Consulting, Blend Tanks, Column Enclosure, Integrated Storage Systems



LIQUID STORAGE APPLICATIONS

Edible Oils: Soybean Oil, Olive Oil, Palm Oil, Sunflower Oil, Cottonseed Oil, Other Vegetable Oils, Integrated Storage Systems

Liquid Chemicals: Drilling Chemicals, Sodium Hydroxide, Liquid Fertilizer, Aluminum Sulfate, Ethylene Glycol, Industrial Acids, Fertilizers, Ammonium Nitrate, Ammonium Sulphate, Urea, Sodium Chloride, Misc. Other Liquids, Integrated Storage Systems

Petroleum & Fuels: Crude Oil, Synthetic Oil, Asphalt, Diesel Fuel, Aviation/Jet Fuel, Gasoline, Kerosene, Oilfield/Processed Water, Fuel Oil, Biofuels, Biopower, Petroleum, ASME Pressure Vessels, Refinery Services, API 650 Tanks, API 620 Tanks, Integrated Storage Systems

Liquid Products (other): Asphalt, Ball Mill Tanks, Double Wall Tanks, Trickling Filters, Clarifiers, Alcohols, Molasses, Vinegar, Drilling Mud, Misc. Other Liquids, Aluminum Dome Structures, Secondary Containment, Integrated Storage Systems

Water/Wastewater: Potable, Industrial, Domestic Waste Treatment, Food Waste Treatment, Metal Waste Treatment, Petroleum Waste Treatment, Sail Water, Deionized Water, Reverse Osmosis Water, Aerobic Digester, Anaerobic Digester, Backwash Holding, Clarifier with Launder, Landfill Leachate, Sludge, Fire Protection Water, Storm Water, Liquid Manure, Trickling Filter, Brackish Water, Irrigation Water, Treated Effluent Water, Water Emulsions, Waste Treatment Chemicals, Slurry, Lime, Carbonate, Air Filtration, Demineralized Water, Pure Water, Municipal Water, Elevated Water Tanks, Standpipes, Deionized Water, Salt Water, Ultrapure Water, Clarifiers, Brine Water, Wastewater Treatment, Integrated Storage Systems

FACTORY COATINGS APPLIED IN CONTROLLED ENVIRONMENT

- ✓ Separate contained blast room
- ✓ Controlled SP6 – SP10 blast profile provided per coating requirements
- ✓ Direct flow from blast area to coating room
- ✓ Coating area maintains controlled environment
- ✓ Interior - Polyamide epoxy primer applied or customer specified coating
- ✓ Exterior - Polyamide epoxy primer applied or customer specified coating
- ✓ Exterior - Acrylic urethane topcoat applied or customer specified coating
- ✓ Thermally forced air cured process

FINAL SHIPPING

All nozzles and tank openings are covered in the shop prior to staging in the yard for shipment. Shop-weld tanks are loaded on special low profile trailers for shipment.



OFF THE CHARTS IN SPECIALTY STEEL FAB

- Our affiliate company, ATEC Steel, is a leading manufacturer of specialty steel fabrication in North America.
- Fabrication per API 650, API 620, AWWA D100, FM, NFPA 68, ASME Pressure Vessels.
- Recognized as an industry leader in specialty steel fabrication in the power industry.
- 100,000 square foot facility includes state-of-the-art equipment for burning, bending and rolling of both carbon and stainless steel.
- In house QA program satisfies the requirement of national recognized codes and standards.
- At ATEC, we maintain our ASME "S", "U", "PP" and NBIC "R" code stamp certifications.
- We support our fabrication capabilities with the recognized experts in shop-weld fabrication.



SPECIALTY FAB PRODUCTS

- Columns
- Stacks
- Pressure Vessels
- Double Wall Tanks
- Square Storage Containment
- Single Wall Tanks
- Ball Mill Tanks
- Modular Steel Construction
- Super Structures
- Structural Supports
- Scrubbers
- Process Piping
- Ductwork
- Tray Towers
- Convection Boxes
- Flare Tips
- Burner Assemblies
- Absorbers
- Air Receivers
- All Types Stairways & Ladders
- All Types Maintenance Platforms
- Floating Roofs
- Steel Retrofit Applications
- All Types Heavy Custom Steel Fabrication



WE LEAVE NO ROOM FOR GUESSWORK

At Tank Connection, we remedy storage problems of the past by prescribing the correct variables of hopper slope, outlet size, outlet configurations, materials of construction, surface finish, active flow-aid devices, passive flow-aid devices, internal coating systems, external coating systems, applicable codes and the correct flow type required for each application.

At Tank Connection, our reputation is built on success and we recognize our clients for that success. We are the solution people in dry bulk and liquid storage applications. With over 2100 years of combined storage tank experience, the Tank Connection Affiliate Group leads the industry as the experts in integrated storage systems.



UNMATCHED SERVICE TO OUR CLIENTS

Tank Connection is a customer service company. We offer single source solutions to our clients:

- Complete specification development, including tank and foundation design, calculations and PE stamps provided for any location.
- Prompt tank and equipment quotes.
- Approval project drawings provided within a few days of order receipt.
- We can integrate auxiliary equipment, piping and foundations for a complete turnkey system.
- We provide storage solutions to our clients every day.
- "Golden Rule" customer service on every project.



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If your project requires a single tank or an integrated storage system, no one offers more services and creative solutions than Tank Connection. Contact us on your next project and "GET CONNECTED" with the unmatched performance of the Tank Connection Affiliate Group.