

# Tanks Available

Solutions 4 Mfg

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Tanks are listed by type and capacity in ascending volumes. Stainless Steel tanks are in the back.  
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Capacity Gallons	Size (ft) dia - ht	ID	Name	Location	Description	Tank, Carbon Steel
<b>Tank, Carbon Steel</b>						
3,760	8.0 10.0	7138	Tank, Cone Bottom	Grant City, MO	Carbon steel tank with side entering 2HP agitator and 70 degree cone bottom - on legs. Insulated, flat top. Approx dim is 8 ft dia x 10 ft tall for approx 3700 gallons. OAH with legs is 18 ft.	
4,468	6.5 18.0	V-1506	Tank, Horizontal Decanter	Grant City, MO	Horizontal carbon steel tank. Decanter and Liquid Knock Out. Built by Confab s/n 64866. ASME Nat'l Bd# 28, rated at 184 psig at 350F (1269 kpa at 177C). Approx size 6.5 ft dia x 18 ft long T/T for 4,468 gallon capacity. Weight: Approx. 12000-15000 lbs. Last used as Decanter in ethanol plant - see schematic link. Price includes removal and loading - ready now to load	
8,000	10.0 16.0	7475	Vertical Tank	Bensenville, IL	Used- Tank, 8,000 Gallon, Carbon Steel, Vertical. Approximate 120" diameter x 160" straight side. Flat top, coned bottom. Insulated with aluminum sheathing. 2" Diameter internal coil, approximate 10 turns. Openings Top: 20" manway with cover, 2", 2", 3", (3) 1.5", side: 8". 3" Center bottom outlet. Mounted on 3 carbon steel legs.	
14,500	10.0 24.5	CT442	Grainer Tank	Kansas City, KS	Vertical carbon steel tank used as grainer. Insulated. Has birdcage coils around the entire interior used for cooling with ammonia or chilled water (82 2-inch pipes at 22 ft long each), and steam coils in bottom third of tank for heating (5 turns of 2-inch pipe). Has top entering sweep agitator in tank - Reeves gearmotor included but will need reconditioning. Size is approximately 10 ft dia x 24.5 ft tall s/s for a capacity of 14,500 gallons. Dish top, dish bottom, on skirt for OAH 32.5 ft + agitator. Built by Henders, Memphis TN. ASME NB #817, serial 145. Physical weight 28,800 pounds. Shipping dimensions 11 ft x 11 ft x 32.5 ft. Grainer #1	
14,500	10.0 24.5	CT447	Grainer Tank	Kansas City, KS	Vertical carbon steel tank, insulated with a massive coils system. This tank has two sets of coils for maximum heating or cooling: Has birdcage coils around the entire interior last used for cooling with ammonia or chilled water (82 2-inch pipes at 22 ft long each), and steam coils in bottom third of tank for heating (5 turns of 2-inch pipe). Either set of coils will be able to take steam, hot water, ammonia, Freon, or chilled water depending on your process. Has top entering sweep agitator in tank - Reeves gearmotor will need reconditioning. Size is approximately 10 ft dia x 24.5 ft tall s/s for a capacity of 14,500 gallons. Dish top, dish bottom, on skirt for OAH 32.5 ft + agitator. Built by Henders, Memphis TN. ASME stamped. Physical weight 28,800 pounds. Shipping dimensions 11 ft x 11 ft x 32.5 ft. Last used as a grainer tank for edible oil winterizing. Grainer #6	
14,500	10.0 24.5	CT448	Grainer Tank	Kansas City, KS	Vertical carbon steel tank, insulated with a massive coils system. This tank has two sets of coils for maximum heating or cooling: Has birdcage coils around the entire interior last used for cooling with ammonia or chilled water (82 2-inch pipes at 22 ft long each), and steam coils in bottom third of tank for heating (5 turns of 2-inch pipe). Either set of coils will be able to take steam, hot water, ammonia, Freon, or chilled water depending on your process. Has top entering sweep agitator in tank - No gearmotor on top of agitator (missing). Size is approximately 10 ft dia x 24.5 ft tall s/s for a capacity of 14,500 gallons. Dish top, dish bottom, on skirt for OAH 32.5 ft + agitator. Built by Henders, Memphis TN. ASME stamped. Physical weight 28,800 pounds. Shipping dimensions 11 ft x 11 ft x 32.5 ft. Last used as a grainer tank for edible oil winterizing. Grainer #7	

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<b>14,500</b>	10.0	24.5	<b>CT449</b>	Grainer Tank	<b>Kansas City, KS</b>	Vertical carbon steel tank, insulated with a massive coils system. This tank has two sets of coils for maximum heating or cooling: Has birdcage coils around the entire interior last used for cooling with ammonia or chilled water (82 2-inch pipes at 22 ft long each), and steam coils in bottom third of tank for heating (5 turns of 2-inch pipe). Either set of coils will be able to take steam, hot water, ammonia, Freon, or chilled water depending on your process. Has top entering sweep agitator in tank - Belt drive motor will have to be reconditioned. Size is approximately 10 ft dia x 24.5 ft tall s/s for a capacity of 14,500 gallons. Dish top, dish bottom, on skirt for OAH 32.5 ft + agitator. Built by Henders, Memphis TN. ASME stamped. Physical weight 28,800 pounds. Shipping dimensions 11 ft x 11 ft x 32.5 ft. Last used as a grainer tank for edible oil winterizing. Grainer #8	
<b>18,000</b>	9.5	33.8	<b>7172</b>	Vessel Tank	<b>Vernon, CA</b>	Deodorizer vessel made by Girdler . Can be modified for use as a vacuum pressure vessel. Designed for full vacuum at 650F. Size is 9.5 ft dia x 38 ft-8 in s/s x 7/16 in shell thickness for capacity of approx 18,000 gallons. Currently has 6 ss304 trays internal when it was used as deodorizer - but can be removed. Designed to ASME specs full vacuum at 650F. This unit was used for a short period of time, then taken out of service and stored - in very good shape, no pitting. Dry weight 35,700 pounds vessel + 6 trays at 4,000 each = 59,700 pounds approx. See drawing for details	

### **Tank, Stainless**

<b>7</b>	1.0	1.5	<b>4616</b>	Mixing Tank Pressurized, Pilot Plant	<b>Ft Worth, TX</b>	Pilot Plant Tank - 316 Stainless Steel Vertical Pressurized Mixing Tank. Used G.H. Hicks And Sons (Subs. Chemineer) Approx. capacity 7 Gallons Serial #971071-A & B. Internal Dimensions Approximately 12" Diameter By 17" Deep, Tank has Dished Bottom Head With Center Discharge Outlet. Inlet 1", Outlet 1/2". Rated 150 Psig @ 600 Deg. F internally, ASME Code Stamped, National Board #573, #576. Has approx. Ten (10) Turns Of Serpentine Coils Internally for Heating (Coils And Mixer), Tank Can Be Supplied With 4" Diameter Turbine Type Agitator Driven By 1/4 HP 1/60/115 Volt Explosion Proof Motor. With Bolted Top Head, With Assorted Openings, And Temperature Thermowell With Gauge. Mounted On Portable Stand With Casters. Tanks, appears to have All Explosion Proof Features. Price includes loading on your truck.	
<b>75</b>	2.0	3.0	<b>4614</b>	Tank, Pilot Plant Pressure & Vacuum SS	<b>Ft Worth, TX</b>	Pilot Plant Tank - Used FELDMIEER stainless steel tank. Capacity approx. 75 gallons. Type 316 STAINLESS STEEL closed vertical pressure/Vacuum Tank, S/N 4587-R1. Dimensions approx. 24" I.D. X 38" deep. ASME rated 30 PSI/FULL VACUUM INTERNALLY @ 350 degrees F. ASME Nat'l Board Number 937, CODE STAMPED. Temperature RTD and pressure transmitter. With dished, bolted top head and approx. six (6) assorted openings. Tank has dished bottom with bottom center discharge and valve. On stainless steel legs. Physical weight approx 800 pounds. Can be especially useful for pilot plant deodorizing, hydrogenation, or bleaching.	
<b>186</b>	3.0	3.5	<b>5719</b>	Bleach Finishing Tank	<b>Kingston, Jamaica</b>	Stainless steel finishing tank for bleaching. 3' diameter, OAH 7'. 3.5' seam to seam. 3" inlet, 2" outlet. Includes RTD and high/low level switches. Part of bleacher system item 5766.	
<b>350</b>	4.3	3.3	<b>7473</b>	Steam Jacketed Kettle	<b>Georgia</b>	B.H. HUBBERT&SON - 350 gallon stainless steel steam jacketed kettle, 52" diameter x 40" deep. National board rated to 42PSI, 2.5" discharge, open top, serial number 15513-1, National Board number 1646, includes a perforated basket.	
<b>350</b>	5.0	2.3	<b>7474</b>	Kettle Slurry Tank, SS	<b>Chicago, IL</b>	Used- Tank, Approximately 350 Gallons, 304 Stainless Steel, Vertical. 60" Diameter x 28" straight side. Bolt-on flat top with 1/3 hinged cover, dished bottom. Top entering Lightnin agitator, model XJC-30, serial# 98/G32243-14, with 1" diameter shaft, (3) blade turbine. Driven by .3 hp, 3/50/60/208-220/440 volt, 1425/1725 rpm xp motor. (4) Sidewall baffles. 1-1/2" Tri-clamp center bottom outlet. Mounted on (4) stainless steel legs.	
<b>375</b>	4.0	4.0	<b>5757</b>	Vertical Tank	<b>Ft Worth, TX</b>	Remelt Tank- Round. 4' height x 4' diameter for approx 375 gallon capacity. Coils are included. It has steam or hot water, stainless steel coils, side mount agitator or angle top agitator. Price includes loading on your truck.	
<b>400</b>	4.5	4.0	<b>7433</b>	Tank, Vertical SS	<b>Warren Glenn, NJ</b>	Vertical tank capacity 400 gallon 304SS open top tank manufactured by Alloy Fab. Size is approx 52" diameter x 48" straight side, has 2" bottom outlet. Mounted on 4 legs.	

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<b>625</b>	4.3	7.0	<b>7461</b>	Jacketed S/S Tank	<b>Georgia</b>	625 Gallon 316 SS Jacketed Process Tank and insulated tank with 84"straightwall X 52"diameter. Flat top with hinged cover. Dished bottom with tri-clamp outlet. Inlets-2-2" tri clamp,1-3" tri clamp, 1-2 1/2" tri clamp, 1-1 1/2" tri clamp. Outlets-2" tri clamp on side, 4" on bottom. Tank has split top lid, 4 SS legs and spray ball for CIP. Doesn't have agitator. Tank has 2- 1 1/2" tri clamps on the side for sight glass but no sight glass installed. Overall dimension: 124" tall X 65"diameter.	
<b>960</b>	3.3	15.0	<b>V-1502</b>	Tank, Stainless Steel	<b>Grant City, MO</b>	Vertical 304 stainless steel tank. Top & bottom sections section 4 ft dia x 3 ft-4 in T/T, middle section 2ft-6in dia x 7 ft. Total OAH approx 15 ft H for 960 gallon capacity. Last used as a fusel oil washer in ethanol service. See P&ID link for configuration and nozzle locations/size.	
<b>1,000</b>	5.3	6.1	<b>7450</b>	Stainless Steel Slurry Tank	<b>Windsor, NJ</b>	1,000 gallon 304 SS slurry tank. Built 1992 by Sylacauga Tank Corp. SN #7088, atmos. Service. Three tier turbine 304 s/s agitator and side mounted baffles. Vessel has a flat top, and dish bottom and mounts vertically by lugs. Diameter is 64" x 74 " straight side. Shell and bottom thickness is 0.188", Dish radius is 57, head thickness is 0.313". Tank has a 2" center bottom outlet and a 2.5" weld neck outlet at the top of the side for overflow. Top Openings include the following: Two 8" weld neck flanges, Two 2" flanges, One 3" flange, Three connections, flanged form 1" through 1 & 3/4". Vessel also has an eight inch opening with a product screen,(4x4) and an access door18" x 24" with hinges. Agitator drive is by Lightnin, Model 74C, 7.5, 31-1 drive ratio, 56 rpm output shaft, 7.5 hp motor, Mixer features a reliance motor 1775 rpm, 7.5 hp, 3 phase, 60 hz, 460 v.	
<b>1,400</b>	6.0	6.0	<b>7453</b>	Vertical Tank	<b>Williamstown, NJ</b>	1400 gallon 316 stainless steel vertical agitated pressure tank. Manufactured by Stainless Steel Process Equipment Corp. Rated 60 PSI @ 200 degrees F. National Board number 450. 6' diameter x 6' straight side, welded dished top head, slight cone bottom. Equipped with gate agitator 40/25 RPM output speed. Driven by Lightnin model 42GS95 agitator drive with 10 HP 3/60/460V, 1750 RPM motor. Mounted on legs. Openings: Top- 18" manway with cover, 1-3", 1-4", 1-8", 1-8" sight glass; 1-2" bottom outlet.	
<b>1,850</b>	7.5	5.0	<b>7427</b>	Stainless Steel Tank	<b>Florence, SC</b>	Sanitary Stainless Steel tank - 1850 Gallon, 316 SS, sanitary vertical storage tank with mixer. Manufactured by Cherry-Burrell, Serial Number E -305-93. Rated atmospheric internal. 90" diameter x 64" straight side with welded dish top, slight cone bottom. With top mounted off set agitator, manufactured by Lightnin, with 3 blade pitch paddle turbine mixer. Openings Include: Top - 18" top manway with hinged cover, off center 6" drive nozzle, (1) 3" vent, (3) 2"; 2" center bottom outlet with flush bottom ball valve. Mounted on six legs with load cells. Includes a 304SS ladder to access top man way. Built 1993, empty weight 1800 lbs.	
<b>2,000</b>	4.7	16.5	<b>7173</b>	Scrubber	<b>Vernon, CA</b>	Stainless steel 304 scrubber vessel with spray nozzle at top and integral heat exchanger at bottom (optional - can be left off). Model is Elliott Swirl Jet, serial # E-7704. Heat exchanger is cs shell, ss tubes. Scrubber dimensions are 56 inch dia x 16 ft - 6 in s/s for capacity of approx. 2000 gallons. Designed to ASME specs rated at full vacuum. Dry weight approx 3213 pounds + 3,000 pounds HEx = 6200 pounds approx	
<b>2,500</b>	8.0	6.5	<b>7197</b>	Open Top Tank	<b>Warren Glenn, NJ</b>	2500 gallon vertical 304SS open top tank with bridge mounted agitator. 8' diameter x 78" deep. 3 baffles on side wall. With Bridge mounted agitator manufactured by ProQuip, 1HP 3/60/230/460V, 30 to 1 ratio, 56 rpm output, 2" diameter shaft, 3 blade pitched paddle turbine on shaft. Open top, flat bottom. Appears to have a 2" center bottom outlet. 124" OAH. No coils but we can add for an option if wanted. Price includes removal and loading on your truck. Quantity (2) – priced separately	
<b>5,000</b>	8.0	11.9	<b>7451</b>	Vertical Tank	<b>Robbinsville, NJ</b>	5,000 gallon 304LSS vertical tank, 25 PSI, Manufactured by Bisphoric, Serial Number 132671-1, National Board number 601, Rated 25 PSI/FV @ 300 degrees F internal. 8' diameter x 11'9" straight side, 5/16" shell thickness, 0.2675" head thickness, welded dished top and bottom. With insulation covered by a SS shroud around straight side and bottom of the tank. Openings include: Top - (1) 18" manway withcover, (3) 2", (1) 4", (2) 6"; Bottom (1) 4". Mounted on 4 legs with reinforced concrete.	

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<b>5,562</b>	8.0 14.0	7452	Vertical Tank	<b>Florence, SC</b>	5562 Gallon, 304SS vertical pressure tank, Manufactured by Union Carbide, National Board number 2650, Serial Number 906013, rated 90 psi @ 0 to 300 degrees F. 96" OD x 14' straight side, welded dished heads, .406" shell thickness, .526" head thickness, with wire mesh pad in bottom head of tank. Openings include: Top - (1) 18" with bolted cover, (1) 2", (1) 6", (1) 1", (1) 3"; Side - (2) 18" manways with bolted covers; (1) 6" center bottom outlet. Mounted on 4 legs. Total Weight 15,500#	
<b>7,500</b>	9.0 16.0	7458	Tank, S/S	<b>Bensenville, IL</b>	Used- 7,500 Gallon O'Conner Storage Tank, stainless steel construction. 9' diameter x 16' straight side, dome top, flat bottom, 8", (4) 3", (2) 1.5", (2) 1.25" top nozzles, 24" side bottom manway, 3" side bottom outlet.	

Terms: All equipment is sold As Is Where Is, Subject to prior sale and availability. The equipment could be withdrawn from the market at any time with no prior notice. All quotes are in US Dollars unless specifically noted otherwise. Quotes are good for 30 days. Description of the equipment - especially those relating to capacity, size, or condition - are stated as clearly as possible for information to the buyer or observer. The descriptions and representations cannot be taken as accurate. The buyer has the sole responsibility to determine size, capacity, capability, suitability, condition, or any other attribute pertaining to the piece of equipment represented or purchased. The assets are sold "As Is", "Where Is" and "with all faults" and except as explicitly stated in the Bill of Sale. All warranties, including, without limitation, the warranties of merchantability, quality, and fitness for a particular purpose are hereby expressly excluded. Seller makes no representations or warranties as to design, condition, capacity, performance, or any other aspect of the asset.