# Equipment & Systems Available

Listed by Category. Each of these items has a photo.

Please go to www.s4mEquipment.com and enter the item number for the photo. The web site can also be used for category or key word searches.

<table>
<thead>
<tr>
<th>Asset Name</th>
<th>Manufacturer</th>
<th>Description</th>
<th>Built</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-1307</td>
<td>Gearbox</td>
<td>Right angle gearbox and motor - was originally used for top entering agitator with 2 sets of tri-blades (HE3) featuring bottom steady bearing. 15 HP Chemineer right angle gearbox Model 23HTNT-15, S/N 578160-1, 1200 RPM input to 37 rpm output. Built 2011. Approx. length 40 feet. Includes 15 HP Baldor Motor, 3 Phase, 60 Hz. Came from 26 ft dia tank x 39.5 ft tall. This is gearbox and motor only - used. Idled since 2012.</td>
<td>2011</td>
<td>Grant City, MO</td>
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<tr>
<td>A-1405</td>
<td>Gearbox</td>
<td>Right angle gearbox and motor. Was originally used for top entering agitator with 2 sets of tri-blades featuring bottom steady bearing. Built 2012. 15 HP Chemineer Model 23HTNT-15, S/N 582096-1, 1180 RPM input to 37 rpm output. Approx. length 40 feet. Includes 5 HP Baldor Motor, 3 Phase, 50 Hz. Came from 28 ft dia tank x 39.3 ft tall. This is gearbox and motor only - used. Idled since 2012.</td>
<td>2012</td>
<td>Grant City, MO</td>
</tr>
<tr>
<td>A-1701</td>
<td>Gearbox</td>
<td>Right angle gearbox and motor. Was originally used for top entering agitator manufactured by Chemineer. Model 4HTA-10, serial number 558847-1. Built in 2006. Long shaft with blades and steady bearing. Reliance 10HP Horizontal motor, 90 degree gearbox. Has one set of Blade mixers, approx shaft length 40 ft. Input 1200 rpm - output 37 rpm. Shaft diameter: 2.5&quot;. Was in tank 35 ft dia x 40 ft tall (290,000 gallons). This is gearbox and motor only - used. Idled since 2012.</td>
<td>2006</td>
<td>Grant City, MO</td>
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<tr>
<td>AG-1653</td>
<td>Gearbox</td>
<td>Right angle gearbox and motor. Was originally used for top entering Chemineer agitator. Model 23HTNT-15, S/N 578877-1. Motor input 1200 RPM, output 37 RPM, Baldor 15 HP motor. 2 sets of 3 blade impellers. 3&quot; shaft diameter. Came from a tank that was 22 ft dia x 28 ft tall. This is gearbox and motor only - used. Idled since 2012.</td>
<td>Grant City, MO</td>
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<tr>
<td>A-1407</td>
<td>Gearbox</td>
<td>Right angle gearbox and motor. Was originally used for top Entering agitator manufactured by UET - United Equipment Technologies in 2002. Model Xcel 900. Long shaft with blades - approx length 55 ft with steady bearing. Built 2002. Agitator is United Equipment Technologies Corp. (Job# 0452-01) with Falk Ram gear drive, 90 degree, 16.5 rpm output. Falk model # 900MDXD3AZ, serial 02-031136-01. Driven by a Siemens 40HP motor 460v 3/60. Weight of gearbox/motor is 9300 pounds + shaft &amp; blades = 12,500 pounds total. Shaft diameter: 4&quot;. Came from 55 ft dia tank x 55 ft tall. This is gearbox and motor only - used. Idled since 2012.</td>
<td>2002</td>
<td>Grant City, MO</td>
</tr>
<tr>
<td>A-1306</td>
<td>Gearbox</td>
<td>Right angle gearbox and motor. Falk. Was used on top entering agitator with 3 sets of 4-blades featuring bottom steady bearing with shaft length 40 feet. 15 HP United Equipment Technologies Corp. Includes Falk Right angle gear box. Output 47 rpm. Came from 26 ft dia tank x 39.5 ft tall. This is gearbox and motor only - used. Idled since 2012.</td>
<td>Grant City, MO</td>
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<tr>
<td>A-1400</td>
<td>Gearbox</td>
<td>United Equipment Technologies</td>
<td>Gearbox and motor - inline. Was originally used for top entering agitator with 1 set of 4-blades featuring bottom steady bearing. 10 HP United Equipment Technologies Model Xcel-22, S/N C1641-7B. Approx. length 40 feet. Falk right angle gear box. Includes Motor. Shaft diameter 2.5 inches. Came from tank dia 28 ft x 39.3 ft tall. This is gearbox and motor only - used. Idled since 2012.</td>
<td>1995</td>
</tr>
<tr>
<td>A-1404</td>
<td>Gearbox</td>
<td>United Equipment Technologies</td>
<td>Right angle gearbox and motor. Was originally used for top entering agitator with 1 set of 4-blades featuring bottom steady bearing. United Equipment Technologies. Approx. length 40 feet. Falk right angle gear box. Includes 20 HP Emerson Motor, 3 Phase, 60 Hz. Shaft diameter: 3.5 inches. Came from Tanks dia 40 ft dia x 38.3 ft tall. This is gearbox and motor only - used. Idled since 2012.</td>
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</tr>
<tr>
<td>A-1403</td>
<td>Gearbox</td>
<td>United Equipment Technologies</td>
<td>Right angle gearbox and motor. Was originally used for top entering agitator with 1 set of 4-blades featuring bottom steady bearing. United Equipment Technologies. Approx. length 40 feet. Falk right angle gear box. Includes 20 HP Siemens Motor, 3 Phase, 60 Hz. Shaft 3.5 inches dia. Came from Tanks dia 40 ft dia x 38.3 ft tall. This is gearbox and motor only - used. Idled since 2012.</td>
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<tr>
<td>6565</td>
<td>Gearbox for Agitator</td>
<td>Lightnin</td>
<td>Lightnin 25 HP top entering agitator. Model 84-S-25. Material: Titanium Pd Gr.7, 190RPM, 9.4:1 reduction ratio. Flange mounted 18&quot; 300# RFF. Designed to be driven by 25 HP 3 phase, 60 Hz, 460V 1750 RPM XP motor (not included). Output shaft 3&quot; OD x approx. 7' long. Impellers: Upper blade set type A200 17.5&quot; dia. 4-45deg turbine blades. Lower set 24&quot; spaced, type R101 6-flat turbine blades 17.5&quot; dia with bottom stabilizer ring 18” off bottom. Type C Cartridge Mech Seals [Carbon/Ceramic faces, Teflon &amp; Viton “O” rings]. Shipping Size: 5’ W x 2’ H x 12’ L - 3,000 lbs. (3) available - priced separately.</td>
<td>1970</td>
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<tr>
<td>SP-1801</td>
<td>Paddle Mixer Dual</td>
<td>Raymond</td>
<td>Raymond Paddle Mixer, serial number 87061. Double shaft paddle mixer. Carbon steel shell with dual stainless steel augers. Approximate dimensions 20'L x 5'W x 3'H (does not include size of the gearbox).</td>
<td>1995</td>
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### Boiler

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<thead>
<tr>
<th>Item</th>
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<tbody>
<tr>
<td>7440</td>
<td>Boiler 80 HP - Vertical</td>
<td>Fulton</td>
<td>Fulton Model FB-080-A Gas Fired Vertical Steam Boiler. 2760 lb Steam/Hour, 80 BHP. 2,678,000 BTU/Hour Output, Maximum Output 3,475,000 BTU/Hour, Rated 150 PSI. ASME NB# 68165.</td>
<td>Illinois</td>
</tr>
<tr>
<td>21-BN-110A</td>
<td>Burners Radiant Wall</td>
<td>Zeeco</td>
<td>Zeeco radiant wall round flame burners, model RWSF-4. Shop order 17928. Fired with natural gas or syngas. Heat max per burner is 1.25 MMBTU, normal heat is 1.1 MMBTU. Gas line 3/4 inch, pilot line 1 inch. Physical size is approx 22” x 22” x 44” OAL. Lo-NOx, side fired. Stable flame over a wide range of conditions. Total Heat Load for all burners is 19.8 MM BTU/HR. Qty 36 - priced for all, includes removal and loading on your truck.</td>
<td>2009 Soperton, GA</td>
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<tr>
<td>21-BN-132</td>
<td>Burners Ultra Lo NOx (4)</td>
<td>Zeeco</td>
<td>Zeeco round flame gas burners model GLSF-14 Free Jet Ultra Lo NOx - predicted 6 ppmv to 20 ppmv. Shop order 17928. Maximum heat per burner is 11 MMBTU, normal heat 9 MMBTU each. Operates on natural gas or syngas. Flame stable over a wide range of conditions - Turndown 10:1 or greater. Mounting options up-fired or side-fired. Max predicted flame 16.4 ft, max predicted width 2.5 ft. Total Heat duty for all 4: 44 MM BTU/Hr. Quantity (4) - priced for all, includes loading on your truck. Gas train skid available for these 4 burners - see item 21-BMR. Checked Soperton, GA 2009.</td>
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<tr>
<td>7176</td>
<td>Deaerator</td>
<td>PMI Industries</td>
<td>Deaerator for water feed to steam system. Mfg by PMI Industries, made by Hall Tank. Spray tray design for 28,000 #/hr steam. ASME Nat'l Bd #95 MAWP 50 psi at 500F. Serial # 126-861. Size approx 3 ft 6 in dia x 10 ft s/s x 11 ft OAL x 8 ft 6 in OAH. Dry weight 3000 pounds. See multi-page drawing for more details Vernon, CA 1986.</td>
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<tr>
<td>6922</td>
<td>Dowtherm Vaporizer</td>
<td>First Thermal</td>
<td>IC First Thermal (Eclipse) Dowtherm firetube vaporizer, capacity 5 MMBTU at 135 psig. Burns natural gas, has 5 HP motor fan blower. Built in 1975, Serial number 44910, ASME Nat'l Bd# 41254. Repaired in 2004 by Industrial Boiler and Mechanical (Chattanooga). Physical size is approximately 6 ft dia x 12 ft long + blower section. Currently vaporizes Dowtherm but can be converted into a Thermal Fluid Heater for use with such oil heater products as food safe MobilTherm. The manufacturer is still in business and supports this vaporizer. Was in operation until February 2013. Removed and ready to load Chattanooga, TN 1975.</td>
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<tr>
<td>7175</td>
<td>Dowtherm Vaporizer</td>
<td>First Thermal</td>
<td>First Thermal Dowtherm Vaporizer, capacity 4 MMBTU/hr output with 5.5 MMBTU input. Serial number 47351. Designed to burn #2 fuel oil or natural gas. Includes gas train and 1 fuel pump. Burner is by Tower Flame. Heat transfer area 787 sf, max temp design 650F. Size approx 67 in dia x 202 inch long. Dry weight 19,500 pounds. Removed - ready to load. See multi-page drawing for more details Vernon, CA 1986.</td>
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<tr>
<td>5485</td>
<td>Firetube Boiler</td>
<td>Cleaver Brooks</td>
<td>Cleaver Brooks 400 HP firetube boiler. Built in 1992. Model CB-700-400. Serial L-90916. Generates steam at 150 PSI. Natural gas fired with full gas train and gas regulator mounted. Boiler includes CB Hawk programmer system, McDonnell Miller modulating feedwater assembly, and has all bottom blow down valves. Was in operation until it was shut down in September, 2008. Sold As Is but we can also quote you a reconditioned price as well. Ft Worth, TX 1992.</td>
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<tr>
<td>5540</td>
<td>Firetube Boiler</td>
<td>Cleaver Brooks</td>
<td>Cleaver Brooks 500HP Firetube Boiler. Built in 1999. Model #CB-700-500-LE ( low emissions ), Serial # 0L098734. Produces steam at 150psi. Runs on natural gas. Boiler is used “ as is ” and in very good condition. We can provide a reconditioned-guaranteed quote as well. Midwest 1999.</td>
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<tr>
<td>6527</td>
<td>Firetube Boiler</td>
<td>Cleaver Brooks</td>
<td>Cleaver Brooks 600HP Firetube Boiler. Built in 1987. 4 pass dry back with steam at 150psi. Model CB200-600, serial L83908, ASME Nat'l Bd# 65019. Runs on natural gas &amp; #2 fuel oil. Boiler is reconditioned with all new tubes and is in excellent condition. See link for complete explanation. Price includes loading on your truck.</td>
<td>1987</td>
</tr>
<tr>
<td>6779A</td>
<td>Firetube Boiler</td>
<td>Cleaver Brooks</td>
<td>Cleaver Brooks 800HP Firetube Boiler. Built in 1992. 300psi. Runs on natural gas. Boiler will be reconditioned. Cleaned, painted, new controls with a one year warranty on the controls. Guaranteed to pass hydro and electric test. Pictures are before reconditioning. Price includes loading the boiler on your truck. Economizer also available for an additional cost.</td>
<td>1992</td>
</tr>
<tr>
<td>7084</td>
<td>Firetube Boiler</td>
<td>Cleaver Brooks</td>
<td>One (1) 1989 500 HP Cleaver Brooks boiler, 4 pass dry back, gas and No. 2 oil fired, 150 PSI design pressure. The boiler will be cleaned on the fireside, waterside, inside, outside, and painted. The boiler pressure vessel, tubes, piping, and blowdown valves will be hydrostatically tested. New Honeywell 7800L Flame Safeguard Controls, Honeywell High Limit with manual reset, Operating Limit, and Modulating Limit Controls will be installed. The boiler will be electrically and mechanically checked throughout to identify and replace any defective components. We guarantee that the pressure vessel and tubes are in good condition and that the boiler will pass a hydrostatic test at the time of startup. We will give a 1 year parts replacement warranty on all controls. Price includes loading the boiler on your truck.</td>
<td>1989</td>
</tr>
<tr>
<td>7089</td>
<td>Firetube Boiler</td>
<td>Cleaver Brooks</td>
<td>Cleaver Brooks 100HP Firetube Boiler. Built in 1982. 150psi, runs on gas. Two boilers available. Pictures show boilers &quot; as is &quot;. Boilers will be reconditioned: cleaned, painted, new controls, with a one year warranty on the controls. Guaranteed to pass hydro test and electrical test. Boilers are priced separately. Price includes loading the boiler on your truck.</td>
<td>1982</td>
</tr>
<tr>
<td>7128</td>
<td>Firetube Boiler</td>
<td>Cleaver Brooks</td>
<td>Cleaver Brooks 80HP Firetube Boiler. Built in 1984. 4 pass dry-back with steam at 150psi. Burner is Cleaver Brooks and runs on gas. Boiler shown and priced &quot; as is, where is &quot; but will be electrical tested &amp; hydro tested. Boiler can be offered &quot; as is, or &quot; reconditioned &quot; for an additional cost.</td>
<td>1984</td>
</tr>
<tr>
<td>7205</td>
<td>Firetube Boiler</td>
<td>Cleaver Brooks</td>
<td>One (1) 2003 40 HP Cleaver Brooks, 4 pass dry back, gas fired, 15 PSI design pressure. The boiler will be cleaned on the fireside, waterside, inside, and painted. The boiler pressure vessel, tubes, trim piping, blowdown piping, and blowdown valves will be hydrostatically tested. New Honeywell 7800L Flame Safeguard Controls, Honeywell High Limit with manual reset, Operating Limit, and Modulating Limit Controls will be installed. The boiler will be electrically and mechanically checked throughout to identify and replace any defective or obsolete components. We guarantee that the tubes pressure vessel are in good condition and that the boiler will pass a hydrostatic test at the time of startup. We will give a 1 year parts replacement warranty on new controls. Price includes loading the boiler on your truck.</td>
<td>2003</td>
</tr>
<tr>
<td>Asset</td>
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<tr>
<td>7206</td>
<td>Firetube Boiler</td>
<td>Cleaver Brooks</td>
<td>One (1) 1981 125 HP Cleaver Brooks, 4 pass dry back, No. 2 or 6 oil fired, 150 PSI design pressure. The boiler will be completely re-tubed. The boiler will be cleaned on the fireside, waterside, inside, and painted. The boiler pressure vessel, tubes, trim piping, blowdown piping, and blowdown valves will be hydrostatically tested. New Honeywell 7800L Flame Safeguard Controls, Honeywell High Limit with manual reset, Operating Limit, and Modulating Limit Controls will be installed. The boiler will be electrically and mechanically checked throughout to identify and replace any defective or obsolete components. We guarantee that the tubes pressure vessel are in good condition and that the boiler will pass a hydrostatic test at the time of startup. We will give a 1 year parts replacement warranty on new controls. Price includes loading the boiler on your truck.</td>
<td>1981</td>
</tr>
<tr>
<td>7207</td>
<td>Firetube Boiler</td>
<td>Cleaver Brooks</td>
<td>One (1) 1987 150 HP Cleaver Brooks, 4 pass dry back, gas fired, 15 PSI design pressure. The boiler will be cleaned on the fireside, waterside, inside, and painted. The boiler pressure vessel, tubes, trim piping, blowdown piping, and blowdown valves will be hydrostatically tested. New Honeywell 7800L Flame Safeguard Controls, Honeywell High Limit with manual reset, Operating Limit, and Modulating Limit Controls will be installed. The boiler will be electrically and mechanically checked throughout to identify and replace any defective or obsolete components. We guarantee that the tubes pressure vessel are in good condition and that the boiler will pass a hydrostatic test at the time of startup. We will give a 1 year parts replacement warranty on new controls. Price includes loading boiler on your truck.</td>
<td>1987</td>
</tr>
<tr>
<td>7209</td>
<td>Firetube Boiler</td>
<td>Cleaver Brooks</td>
<td>One (1) 1997 200 HP Cleaver Brooks CBE, 3 pass dry back, 150 PSI design pressure, natural gas and No. 2 oil fired. This boiler will be cleaned on the fireside, waterside, outside, and painted. The pressure vessel, tubes, trim piping, blowdown piping and blowdown valves will be hydrostatically tested. New electrical and control panels will be installed. New Honeywell 7800L Flame Safeguard Controls, Honeywell High Limit with manual reset, Operating Limit, and Modulating Limit Controls, and Honeywell Mod Motor will be installed. The boiler will be totally re-wired. The boiler will be mechanically and electrically checked throughout to identify any defective or obsolete components. We guarantee that the pressure vessel and tubes are in good condition and that the boiler will pass a hydrostatic test at the time of startup. We will give a 1 year parts replacement warranty on controls. Price includes loading the boiler onto your truck.</td>
<td>1997</td>
</tr>
<tr>
<td>7213</td>
<td>Firetube Boiler</td>
<td>Cleaver Brooks</td>
<td>One (1) 1992 800 HP Cleaver Brooks, 4 pass dry back, gas fired and #2 oil, 200 PSI design pressure. The boiler will be cleaned on the fireside, waterside, outside, and painted. The pressure vessel and tubes, trim piping, and blowdown valves and piping will be hydrostatically tested. New Honeywell 7800L (or equal) Flame Safeguard Controls, Honeywell High Limit with manual reset, Operating Limit, and Modulating Limit Controls, and Honeywell Mod Motor have been installed. The boiler will be completely rewired. The boiler will undergo a simulated test fire and will be electrically and mechanically checked throughout to identify and replace any defective components. We guarantee that the pressure vessel and tubes are in good condition and that the boiler will pass a hydrostatic test at the time of startup. We will give a 1 year parts replacement warranty on the controls. Price includes loading boiler on your truck.</td>
<td>1992</td>
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<tr>
<td>7214</td>
<td>Firetube Boiler</td>
<td>Cleaver Brooks</td>
<td>One (1) 1995 800 HP Cleaver Brooks, 4 pass dry back, gas and No. 2 oil fired, meets 30 PPM on gas, 150 PSI design pressure. The boiler will be cleaned on the fireside, waterside, outside, and painted. The pressure vessel and tubes, trim piping, and blowdown valves and piping will be hydrostatically tested. New Honeywell 7800L (or equal) Flame Safeguard Controls, Honeywell High Limit with manual reset, Operating Limit, and Modulating Limit Controls, and Honeywell Mod Motor have been installed. The boiler will be completely rewired. The boiler will undergo a simulated test fire and will be electrically and mechanically checked throughout to identify and replace any defective components. We guarantee that the pressure vessel and tubes are in good condition and that the boiler will pass a hydrostatic test at the time of startup. We will give a 1 year parts replacement warranty on the controls. Price includes loading boiler on your truck. Economizer also available for an additional cost.</td>
<td>1995</td>
</tr>
<tr>
<td>7256</td>
<td>Firetube Boiler</td>
<td>Cleaver Brooks</td>
<td>One (1) 1978 100 HP Cleaver Brooks Boiler, 4 pass wet back, gas / #2 oil fired, with a Cleaver Brooks Burner, 150 PSI design pressure. Price includes loading the boiler on your truck.</td>
<td>1978</td>
</tr>
<tr>
<td>7404</td>
<td>Firetube Boiler</td>
<td>Cleaver Brooks</td>
<td>Cleaver Brooks 50HP Firetube Boiler. Built in 2005, 4 pass dry-back, 350PSI design pressure. Fueled with gas. Burner is a Cleaver Brooks burner. This boiler ise offered &quot; as is &quot; . We can recondition with warranty for additional cost. Price includes loading boiler on your truck.</td>
<td>2005</td>
</tr>
<tr>
<td>7405</td>
<td>Firetube Boiler</td>
<td>Cleaver Brooks</td>
<td>One (1) 1995 150 HP Cleaver Brooks, 4 pass dry back, 250 PSI design pressure, natural gas fired. This boiler will be cleaned on the fireside, waterside, outside, and painted. The pressure vessel, tubes, trim piping, blowdown piping and blowdown valves will be hydrostatically tested. Fireye Flame Safeguard Controls have been installed. New Honeywell High Limit with manual reset, Operating Limit, and Modulating Limit Controls will be installed. The boiler will be mechanically and electrically checked throughout to identify and replace any defective or obsolete components. We guarantee that the pressure vessel and tubes are in good condition and that the boiler will pass a hydrostatic test at the time of startup. We will give a 1 year parts replacement warranty on controls. Voltage 460/3/60 VAC. This price is for the boiler only ( loaded on your truck ). No support equipment is included. No steam outlet valves are included.</td>
<td>1995</td>
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<tr>
<td>7085</td>
<td>Firetube</td>
<td>Cleaver Brooks</td>
<td>Cleaver Brooks 400 HP Firetube Boiler. Built in 1994. Natural gas and #2 oil fired, 200 psi design pressure. Reconditioned-Reconditioned means that the boiler will be cleaned on the fireside, waterside, outside, painted, and hydrostatically tested. The Flame Safeguard Controls will be upgraded to the Honeywell 7800L Series or equal. New steam pressure controls will be installed. Fuel trains will be inspected. All trim piping, blowdown piping, and blowdown valves will be inspected and replaced if found defective or unsatisfactory. The boiler will be mechanically and electrically checked throughout. Anything found to be defective will be replaced. A final simulated test fire will be performed on the boiler to insure that everything is functioning properly. We guarantee that the pressure vessel and tubes are in good condition and that the boiler will pass a hydrostatic test at startup. We will give a one year parts replacement warranty on the controls. Shipment: Normally 4 weeks after receipt of down payment, but this can vary depending on the boiler chosen and the shop load at the time an order is received. Boiler prices are based on &quot;ON-OFF&quot; feed water level controls and 480 volt, 3 phase, 60 hertz voltage. The prices are for the complete boiler only. No additional support equipment is included. No steam outlet valves are included. We can quoted additional equipment, as needed, upon your request. No taxes of any kind are included in the price. Any applicable taxes will be added to the above prices, or we must receive a tax exempt certificate from the purchaser. Two boilers available—priced separately. loaded on your truck.</td>
<td>1994</td>
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<tr>
<td>4818</td>
<td>Firetube</td>
<td>Cleaver Brooks</td>
<td>Cleaver Brooks 300 HP Boiler. Year 1976. 4 pass dry back. 150 PSI design pressure, gas fired. This boiler will be cleaned on the fireside, waterside, outside, and painted. The boiler pressure vessel, tubes, piping, and blowdown valves will be hydrostatically tested. New electrical and control panels will be installed. All new wiring will be installed. New Honeywell 7800L Flame Safeguard Controls, Honeywell High Limit with manual reset, Operating Limit, and Modulating Limit Controls will be installed. The boiler has been electrically and mechanically checked throughout to identify and replace any defective or obsolete components. We guarantee that the tubes pressure vessel are in good condition and that the boiler will pass a hydrostatic test at the time of startup. We will give a 1 year parts replacement warranty on new controls. 50% deposit required before reconditioning. Shipment ready 4 weeks after receiving down payment. Price includes loading the boiler on your truck. Two boilers available—priced separately.</td>
<td>1976</td>
</tr>
<tr>
<td>5106</td>
<td>Firetube</td>
<td>Cleaver Brooks</td>
<td>Cleaver Brooks firetube boiler 350 HP. 4 pass dry-back - Built 1979, 150 PSI design pressure, gas fired. This boiler will be cleaned on the fireside, waterside, outside, and painted. The boiler pressure vessel, tubes, piping, and blowdown valves will be hydrostatically tested. New electrical and control panels will be installed. All new wiring will be installed. New Honeywell 7800L Flame Safeguard Controls, Honeywell High Limit with manual reset, Operating Limit, and Modulating Limit Controls will be installed. The boiler has been electrically and mechanically checked throughout to identify and replace any defective or obsolete components. We guarantee that the tubes pressure vessel are in good condition and that the boiler will pass a hydrostatic test at the time of startup. We will give a 1 year parts replacement warranty on new controls. Price includes loading the boiler on your truck.</td>
<td>1979</td>
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<tr>
<td>5339</td>
<td>Firetube Boiler</td>
<td>Donlee York</td>
<td>Donlee York 300HP Firetube Boiler. Model SPHV-300-N-200132. This boiler produces steam at 150psi and runs on natural gas. Boiler has been reconditioned. Price includes loading. Year it was new: 2000, Rebuilt in 2014. Serial: 00-21032 H-14225. The boiler does not have a water makeup tank nor a softener. The unit has been rebuilt which includes: Hydro Test and wash out to remove scale from unit, Refractory in doors and burner throat inspected and repaired as needed, the pressure tools, fire side gaskets, and water side gaskets were replaced, boiler tubes were brushed, rebuilt wind box and installed new bearings, new mod motor for the blower, new chassis for the fireye flame safe, blowdown piping and valves replaced.</td>
<td></td>
</tr>
<tr>
<td>7124</td>
<td>Firetube Boiler</td>
<td>Garioni</td>
<td>Garioni firetube boiler 300HP. Type NG5000, serial 7118. Mfg by Garioni, Brescia, Italy. Capacity 5000 kg/hr (11,000 pph steam or about 300 HP at 12 barg max (180 psig). Firetube 2-pass dry back type boiler. Built in 2002 but only used about 6 months. Electrical for controls is 110V 60 Hz. Burner fires on #2 fuel oil - pumps not included. Will need new control panel. Sold As Is - price includes loading on your truck.</td>
<td></td>
</tr>
<tr>
<td>5714</td>
<td>Firetube Boiler</td>
<td>Johnston</td>
<td>Johnston 750HP Firetube Boiler. Built in 1993. 4 pass wet back, with steam at 200psi. Boiler runs on gas and #2 oil.</td>
<td>1993</td>
</tr>
<tr>
<td>7020</td>
<td>Firetube Boiler</td>
<td>Johnston</td>
<td>Johnston 700HP Firetube Boiler. Built in 1989. 150psi with an IC burner. Runs on gas &amp; #2 oil. Prices includes loading the boiler onto your truck.</td>
<td>1989</td>
</tr>
<tr>
<td>7134</td>
<td>Firetube Boiler</td>
<td>Johnston</td>
<td>Johnston 1500HP Firetube Boiler. Built in 1997. This is a 4 pass wet-back design, producing steam at 150psi. The burner is a Johnston that can run on gas or #2 oil.</td>
<td>1997</td>
</tr>
<tr>
<td>7166</td>
<td>Firetube Boiler</td>
<td>Johnston</td>
<td>Johnston 200HP Firetube Boiler. Built in 1998. Steam at 250psi, and boiler runs on gas &amp; oil. Boiler offered &quot; as is &quot; and is in excellent condition.&quot; Boiler is approximately 10 feet tall and 9 feet long. Price includes loading boiler onto your truck.</td>
<td>1998</td>
</tr>
<tr>
<td>7218</td>
<td>Firetube Boiler</td>
<td>Johnston</td>
<td>Johnston Boiler 200 HP Reconditioned. 4 pass wet-back design, natural gas and No. 2 oil, 150 PSI design pressure. Built 1996 but will be reconditioned: completely re-tubed, cleaned on the fireside, waterside, outside, and painted. The pressure vessel, tubes, trim piping, blowdown piping, and blowdown valves will be hydrostatically tested. New fireside and waterside gaskets will be installed. The following items will be checked and replaced or repaired if found defective: Sight Glass and Gauge Cocks, Steam Pressure Gauge 0-300 PSI, Stack Temperature Gauge, Pilot Solenoid Valve, Water Level Controls, and the Fireye EP-110 Flame Safeguard Controls with Panel display. New Honeywell High Limit with manual reset, Honeywell Operating Limit, and Honeywell Modulating Limit steam pressure controls. Prior to shipment, the boiler will be receive a simulated test fire to insure that all system are functioning properly. We guarantee that the pressure vessel and tubes are in good condition and that the boiler will pass a hydrostatic test at the time of startup. We will give a 1 year parts replacement warranty on all controls. Price includes loading the boiler on your truck.</td>
<td>1996</td>
</tr>
<tr>
<td>Asset</td>
<td>Name</td>
<td>Manufacturer</td>
<td>Description</td>
<td>Built</td>
</tr>
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<tr>
<td>7258</td>
<td>Firetube Boiler</td>
<td>Johnston</td>
<td>One (1) 1989 750 HP Johnston Boiler, 4 pass wet back, gas / #2 oil fired, with an IC Burner, 150 PSI design pressure. Price includes loading the boiler on your truck.</td>
<td>1989</td>
</tr>
<tr>
<td>7259</td>
<td>Firetube Boiler</td>
<td>Johnston</td>
<td>One (1) 1997 750 HP Johnston Boiler, 4 pass wet back, gas fired, with a Johnston 30 PPM NOx Burner, 150 PSI design pressure. Price includes loading the boiler on your truck.</td>
<td>1997</td>
</tr>
<tr>
<td>7261</td>
<td>Firetube Boiler</td>
<td>Johnston</td>
<td>Johnston 500HP Firetube boiler. Built in 1984. 4 pass wet-back, gas/#2 oil fired with a Johnston burner, 200PSI design pressure. Price includes loading the boiler on your truck. Reconditioned boiler will be cleaned on the fireside, waterside, outside, painted, and hydrostatically tested. The Flame Safeguard Controls will be upgraded to the Honeywell 7800L Series or equal. New steam pressure controls will be installed. Fuel trains will be inspected. All trim piping, blowdown piping, and blowdown valves will be inspected and replaced if found defective or unsatisfactory. The boiler will be mechanically and electrically checked throughout. Anything found to be defective will be replaced. A final simulated test fire will be performed on the boiler to insure that everything is functioning properly. We guarantee that the pressure vessel and tubes are in good condition and that the boiler will pass a hydrostatic test at startup. We will give a one year parts replacement warranty on the controls. Shipment: Normally 4 weeks after receipt of down payment, but this can vary depending on the boiler chosen and the shop load at the time an order is received. Boiler prices are based on &quot;ON-OFF&quot; feed water level controls and 480 volt, 3 phase, 60 hertz voltage. The prices are for the complete boiler only. No additional support equipment is included. No steam outlet valves are included. We can quoted additional equipment, as needed, upon your request. No taxes of any kind are included in the price. Any applicable taxes will be added to the above prices, or we must receive a tax exempt certificate from the purchaser.</td>
<td>1984</td>
</tr>
<tr>
<td>Asset</td>
<td>Name</td>
<td>Manufacturer</td>
<td>Description</td>
<td>Built</td>
</tr>
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<tr>
<td>7262</td>
<td>Firetube Boiler</td>
<td>Johnston</td>
<td>Johnston 500HP Firetube Boiler. Built in 1987. 4 pass wet-back, gas/ #2 oil fired with a Johnston burner, 200PSI design pressure. Price includes loading boiler on your truck. Reconditioned boiler will be cleaned on the fireside, waterside, outside, painted, and hydrostatically tested. The Flame Safeguard Controls will be upgraded to the Honeywell 7800L Series or equal. New steam pressure controls will be installed. Fuel trains will be inspected. All trim piping, blowdown piping, and blowdown valves will be inspected and replaced if found defective or unsatisfactory. The boiler will be mechanically and electrically checked throughout. Anything found to be defective will be replaced. A final simulated test fire will be performed on the boiler to insure that everything is functioning properly. We guarantee that the pressure vessel and tubes are in good condition and that the boiler will pass a hydrostatic test at startup. We will give a one year parts replacement warranty on the controls. Shipment: Normally 4 weeks after receipt of down payment, but this can vary depending on the boiler chosen and the shop load at the time an order is received. Boiler prices are based on &quot;ON-OFF&quot; feed water level controls and 480 volt, 3 phase, 60 hertz voltage. The prices are for the complete boiler only. No additional support equipment is included. No steam outlet valves are included. We can quoted additional equipment, as needed, upon your request. No taxes of any kind are included in the price. Any applicable taxes will be added to the above prices, or we must receive a tax exempt certificate from the purchaser.</td>
<td>1987</td>
</tr>
<tr>
<td>7170</td>
<td>Firetube Boiler</td>
<td>Kewanee</td>
<td>Kewanee 500HP Firetube Boiler. Built in 1987. steam at 250psi, 3 pass wet-back, 30PPM Low Nox. A New Industrial Combustion burner was installed in 2010. One year warranty on the controls. Guaranteed to pass hydro test. Price includes removal and loading the boiler onto your truck.</td>
<td>1987</td>
</tr>
<tr>
<td>5615</td>
<td>Firetube Boiler</td>
<td>Superior</td>
<td>Superior Apachee 350HP Firetube Boiler. Built in 1997. 2 pass dry-back. Steam at 150psi. Burner is an IC. Runs on gas. This boiler will be cleaned on the fireside, waterside, outside, and painted. The boiler pressure vessel, tubes, piping, and blowdown valves will be hydrostatically tested. New electrical and control panels will be installed. All new wiring will be installed. New Honeywell 7800L Flame Safeguard Controls, Honeywell High Limit with manual reset, Operating Limit, and Modulating Limit Controls will be installed. The boiler has been electrically and mechanically checked throughout to identify and replace any defective or obsolete components. We guarantee that the tubes pressure vessel are in good condition and that the boiler will pass a hydrostatic test at the time of startup. We will give a 1 year parts replacement warranty on new controls. Price includes loading the boiler on your truck.</td>
<td>1997</td>
</tr>
<tr>
<td>5622</td>
<td>Firetube Boiler</td>
<td>Superior</td>
<td>Superior Mohawk 350HP firetube boiler. Built in 1980. Steam at 150psi and runs on gas. Boiler has an IC burner, all new controls with a one year warranty on controls and a new flame safe guard. Guaranteed to pass hydro test and electrical test. Reconditioned and ready to ship in two weeks.</td>
<td>1980</td>
</tr>
<tr>
<td>5632</td>
<td>Watertube Boiler</td>
<td>Cleaver Brooks</td>
<td>Cleaver Brooks 48,000 #/hr. watertube boiler. Built in 1997. Type &quot; D &quot; watertube. Model # DL60RH. Serial # WG3938. Pressure at 260psi. Boiler runs on gas / #2 oil / #6 oil. This boiler is in excellent condition. Price includes removal and loading (customer can remove the boiler as well for a lower price).</td>
<td>1997</td>
</tr>
<tr>
<td>Asset</td>
<td>Name</td>
<td>Manufacturer</td>
<td>Description</td>
<td>Built</td>
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<tr>
<td>7254</td>
<td>Watertube Boiler</td>
<td>Nebraska</td>
<td>One (1) 1995 80,000 PPH Nebraska Model NS-F-65, “D”-Type, watertube boiler, 250 PSI design pressure, with a Todd VeriFlame Burner, for firing natural gas or No. 2 fuel oil. The burner does not meet 30 PPM NOx emissions. The boiler is in good condition, and complete with the burner, fuel trains, valves, duct work, economizer, and stack. The controls were not salvageable so it needs new controls. An inspection of the boiler can be arranged. The boilers have already been removed. Priced “as is”, includes loading on to your truck</td>
<td>1995</td>
</tr>
<tr>
<td>5575</td>
<td>Centrifuge B214A</td>
<td>Alfa Laval</td>
<td>Alfa Laval B214A centrifuge. The complete unit will be reconditioned, balanced, new seals/bearings, painted. Photo shows machine prior to reconditioning - allow 4 to 6 weeks delivery. Reconditioning includes, complete disassembly of machine, sandblast and paint all carbon steel parts, remove gear pump, install end plate, Rebuild using all new parts, Bearings, seals, and O-rings(Viton). All Vibration Isolators units will be tested and come with manuals, some tools and one set of gravity discs. High speed balance will also be performed. 40hp motor will be rebuilt or new depending upon timing. Welcome to inspect the machine as tests are run to verify balance. Centrifuge can also be purchased “as is”, where is “ if desired.</td>
<td></td>
</tr>
<tr>
<td>5567</td>
<td>Centrifuge B214C</td>
<td>Alfa Laval</td>
<td>Alfa Laval B214C centrifuge. The complete unit will be reconditioned, balanced, new seals/bearings, painted. Photo shows machine prior to reconditioning - allow 4 to 6 weeks delivery. We can quote an “As Is” price if desired.</td>
<td></td>
</tr>
<tr>
<td>7116</td>
<td>Centrifuge B214C</td>
<td>Alfa Laval</td>
<td>Alfa Laval B214C and bowl assembly. Serial number 3533479. Capacity approximately 36,000 to 40,000 #/hr. Motor is 40HP. Used for waterwash. Very good condition.</td>
<td></td>
</tr>
<tr>
<td>7117</td>
<td>Centrifuge B214C</td>
<td>DeLaval</td>
<td>DeLaval B214C Centrifuge and bowl assembly. Serial number 3532804. Capacity approximately 36,000 to 40,000 #/hr. Motor is 40HP. Used for waterwash.</td>
<td></td>
</tr>
<tr>
<td>7300</td>
<td>Centrifuge CRPX-207</td>
<td>Alfa Laval</td>
<td>Alfa Laval centrifuge clarifier Model CRPX 207-74-A, Serial # 2925171, 2925176, 2925170. Disk Stack 316SS. Does not include motor, tools, or controls. Quantity (3) available - priced separately.</td>
<td></td>
</tr>
<tr>
<td>5242</td>
<td>Centrifuge MAPX-313</td>
<td>Alfa Laval Centrifuge</td>
<td>Alfa Laval MAPX 313 oil separator / centrifuge is fully automatic with stainless steel bowl, aluminum body. Self cleaning machine. Reconditioned - still in crate. It uses centrifugal force to separate fine solids and other impurities contained in the oils. Rated capacity on glycerin removal from biodiesel is 50 gpm. Rated capacity on diesel is 24,000 l/h. Completely reconditioned and balanced - still in crate. Frame and covers, internal and external have been restored to like new condition. New 40 HP TEFC motor 575 volt/3/60. Both heavy and light phase discharge under pressure. Teflon coated, Internal brass parts electrolysis nickel for protection. Includes automatic sludge discharge, control panel with touch screen, water harness, bowl insertion &amp; removal tools, manual.</td>
<td>2008</td>
</tr>
<tr>
<td>Asset</td>
<td>Name</td>
<td>Manufacturer</td>
<td>Description</td>
<td>Built</td>
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<tr>
<td>5716</td>
<td>Centrifuge RSA-80</td>
<td>Westfalia Separator</td>
<td>Westfalia Separator fully self cleaning primary centrifuge. Type RSA 80-01-076. S/N 1685 824. Built in 1985. Capacity on vegetable oil is 31,700 pounds/hour (14 MTPH). Runs at 4500 RPM. Currently used for soybean oil refining. Will handle density up to 1.1 kg/dm³. Has 1.5” inlet/outlet. 6’ W x 5’ D x 6’ H. Voltage 460/3/60. Physical weight approx. 4300 pounds. Price does not include control panel, but we can furnish new controls. Price includes removal and loading. Unit is still in operation - Available on or after mid 2016</td>
<td>1985</td>
</tr>
<tr>
<td>7350</td>
<td>Centrifuge RSE-200</td>
<td>Westfalia</td>
<td>Westfalia RSE-200-01 centrifuge, direct-drive, explosion-proof motor. The bowl is already reconditioned. Price include the tools. Last application was corn oil separation / degumming of corn oil. Serial number (bowl &amp; machine): 1718810. There are two (2) disk stacks for you to choose from: one (1) disk stack has thicker caulks for degumming, measuring 0.8 mm caulk thickness. The other disk-stack has thinner caulks which looks like it would be used for water-washing. One (1) stack of your choice is included with the AS-IS purchase. *Note: We have already added the bowl sludge port wear protection as we had started to rebuild the machine for stock-inventory. The bowl assembly is in immaculate condition. **Note: There are no controls or control-related items included in the AS-IS purchase. Vertical design and self-cleaning operation, with body built in carbon steel and contact parts in stainless steel. • bowl speed : 4700 RPM . • Motor direct drive . • Explosion Proof WEG 50 HP motor, 3-phase, 60 Hz, 460-480 Volt. 1800 RPM • Year: 1999 • The machine has been cleaned, checked • Capacity 60,000-65,000Lbs degumming / hr. and Refining : 60,000-65,000Lbs / hr .</td>
<td>1990</td>
</tr>
<tr>
<td>5717</td>
<td>Centrifuge RTA-140</td>
<td>Westfalia Separator</td>
<td>Westfalia Separator water wash centrifuge. Type RTA-140-51-076. Built in 1985. 1.5” inlet/outlet. 5’ W x 4’ D x 5.5’ H. Price does not include control panel, but we can furnish new controls. Available on or after mid-2016.</td>
<td>1985</td>
</tr>
<tr>
<td>7156</td>
<td>Centrifuge SAMN 15037</td>
<td>Westfalia</td>
<td>Westfalia SAMN 15037 available. Year 1975 with a BSB 100 rotary brush. This machine was overhauled by Westfalia 2009 and was removed in 2011, it was in a winery and used to work around 4 weeks a year, to filter the new wine, with yearly inspections by Westfalia technical service after. Drum and mechanical parts are in very good conditions (inspected by a technician during dismantling). 380V/50Hz/3 phase.</td>
<td>1975</td>
</tr>
<tr>
<td>7162</td>
<td>Centrifuge SAMN-15037</td>
<td>Westfalia</td>
<td>Westfalia Centrifuge SAMN-15037 (SA-40-03-177) with starter and timing unit. 3-phase centrifuge. Bowl: All parts polished stainless steel. Tools &amp; spare gaskets: Included are (1) set of necessary tools and (1) set of spare gaskets.</td>
<td>South Carolina</td>
</tr>
<tr>
<td>5765</td>
<td>Centrifuge SRG-214</td>
<td>Alfa Laval</td>
<td>Alfa Laval Centrifuge. Model SRG-214. 4500 RPM Bowl speed with a 30HP motor. 15,000 to 18,000 lbs / hr. Contact parts are stainless steel. This model is not a self cleaning machine. Centrifuge has been rebuilt. An Alfa Laval SRG214-14-60 control panel with VFD can be purchased additionally. Quantity (2) - priced separately.</td>
<td>Ft Worth, TX</td>
</tr>
<tr>
<td>Asset</td>
<td>Name</td>
<td>Manufacturer</td>
<td>Description</td>
<td>Built</td>
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<tr>
<td>7416</td>
<td>Centrifuge SRG-214</td>
<td>Alfa Laval</td>
<td>Alfa Laval SRG-214 centrifuges separator. Direct drive, used. With controls. Controls furnished - older style. Price includes removal and loading on your truck. Primary separator. Flow is about 30,000 pounds/hour (65 gpm). Stainless steel disk stack, manual cleaning. Was in use as a primary separator on soybean oil - has been idled since 2009. We can completely recondition for you, and/or add a VFD drive with control panel for additional amount. Quantity (2) - priced separately.</td>
<td></td>
</tr>
<tr>
<td>7118</td>
<td>Centrifuge SSB215T</td>
<td>Alfa Laval</td>
<td>Alfa Laval centrifuge SSB215T-14CP-60, mfg serial number 4047669. Stainless steel housing and stainless steel disk stack &amp; bowl. Specs: maximum hydraulic capacity 53 gpm (12,000 liters/hr), effective capacity 30-45 gpm, sediment capacity 12 liters, direct drive 40HP motor. Water wash machine - capacity about 50,000 #/hr. Product number 881142-01-01, Stainless steel housing. Solids will be retained in the bowl - manual cleaning. Physical dim approx 58 x 34 x 72&quot;. Sold As Is and price includes loading. We can recondition for you including tools, plc controls and touch screen for additional cost.</td>
<td></td>
</tr>
<tr>
<td>7147</td>
<td>Centrifuge SSB215T</td>
<td>Alfa Laval</td>
<td>Alfa Laval centrifuge SSB215T-14CP-60, Stainless steel housing and stainless steel disk stack &amp; bowl. Specs: maximum hydraulic capacity 53 gpm (12,000 liters/hr), effective capacity 30-45 gpm, sediment capacity 12 liters, direct drive 40HP motor. Water wash machine - capacity about 50,000 #/hr. Product number 881142-01-01, Stainless steel housing. Solids will be retained in the bowl - manual cleaning. Physical dim approx 58 x 34 x 72&quot;. Sold As Is and price includes loading. We can recondition for you including tools, plc controls and touch screen for additional cost.</td>
<td></td>
</tr>
<tr>
<td>7386</td>
<td>Decanter</td>
<td>Sharples</td>
<td>Sharples decanters SG15. Serial number 83-SG15-143. (All are 83-SG15-...) PR405/1- These all have controls, motor and back drives. Removed - will need skidded - priced As Is. Qty (5) - Priced separately.</td>
<td>1983</td>
</tr>
<tr>
<td>7439</td>
<td>Tricanter Centrifuge</td>
<td>Flottweg</td>
<td>Flottweg tricanter model Z23-3 designed to split three streams. Only has 1770 hours of operation, excellent condition.</td>
<td></td>
</tr>
</tbody>
</table>

**Columns**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>31-C-196</td>
<td>Absorber Column Manufactured by Springs Fabrication in 2009. ASME MAWP 800 psig/FV at 350F, Nat'l Bd#2074, s/n 09-4163-2074. Physical size 5 ft dia Bottom/ 2'-4&quot; Top x 87 ft tall. Materials 304SS/CS. Used as an absorber column for CO2/BTEX. Packing is Koch-Glitsch Random Packing CO2/BTEX w/ 304SS distributor/ 3 support trays. Rated for 800 psig/FV, 350F. Ran 42 days in 2009 - idled in 2010. Still installed - price does not include removal. Includes structure and auxiliary instruments installed on it.</td>
<td>Soperton, GA</td>
</tr>
<tr>
<td>7385</td>
<td>Distillation Columns (2) Manufacturer was Mtech Mechanical. Two Stainless Steel Columns, all wetted parts 304L stainless. Column 1 is 24 inch od x 23 ft 2 in tall, insulated. MAWP 15 psi/fv at 350F. Includes mist eliminator and packing. Packing dump porthole 12 inch. Column 2 is 24 in OD x 16 ft -11 in tall, insulated. MAWP 15 psi/fv at 350F. Includes 2 stripper plates, ss mesh packing. Packing dump porthole 12 inch Heat exchanger is American Standard. Last used for methanol recovery in a pharmaceutical application. Already removed - price includes loading.</td>
<td>Colorado</td>
</tr>
</tbody>
</table>
### Side Stripper Distillation Column

- **Asset**: C-1505
- **Manufacturer**: A&B Process
- **Description**: Built by A&B Process for ICM in 1998. S/N 80823501. Shell and plates are 304SS. Contains 18 trays. Size is 5.5 ft diameter x 37 ft tall s/s, OAH 43 ft. ASME Nat'l Bd # 5 rated at MAWP 40/-7 PSI @ 250F. MDMT -20F @ 40/-7 PSI. Dry weight per drawing is 10,114 lbs (does not include ladders, grating, insulation, any pipe) See drawings for more information. Actual dimensions for transport are 7 ft-4 in wide x 7 ft-4 in tall x 44 ft long, weight when lifted down was 15,000 pounds. Column has been removed and is ready to load.
- **Built**: 1998
- **Location**: Hastings, NE

### Compressor

#### 18 Items

**Compressor Details**

<table>
<thead>
<tr>
<th>ID</th>
<th>Model</th>
<th>Manufacturer</th>
<th>Description</th>
<th>Built</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>FP111</td>
<td>Cylinder for Superior Gas Compressor</td>
<td>ACI</td>
<td>ACI Compressor cylinder for Superior compressor. 7” stroke HE, W-7 Class CL13H-7-15 7/8”, s/n CDN1272. MAWP 425 PSIG.</td>
<td></td>
<td>Soperton, GA</td>
</tr>
<tr>
<td>FP112</td>
<td>Cylinder for Superior Gas Compressor</td>
<td>ACI</td>
<td>ACI Compressor cylinder for Superior compressor. Bore 21-3/4” x 7” stroke HE, W-7 Class CL13L-7-21 3/4”, s/n CDN1269. MAWP 225 PSIG</td>
<td></td>
<td>Soperton, GA</td>
</tr>
<tr>
<td>FP113</td>
<td>Cylinder for Superior Gas Compressor</td>
<td>ACI</td>
<td>ACI Compressor cylinder for Superior compressor. Bore 21-3/4” x 7” stroke HE, W-7 Class CL13L-7-21 3/4”, s/n CDN1271. MAWP 225 PSIG</td>
<td></td>
<td>Soperton, GA</td>
</tr>
<tr>
<td>FP114</td>
<td>Cylinder for Superior Gas Compressor</td>
<td>ACI</td>
<td>ACI Compressor cylinder for Superior compressor. Bore 15-7/8” x 7” Stroke HE, W-7 Class CL13H-7-15 7/8”, s/n CDN1274. MAWP 425 PSIG</td>
<td></td>
<td>Soperton, GA</td>
</tr>
<tr>
<td>FP103</td>
<td>Cylinder for Superior Gas Compressor</td>
<td>Superior</td>
<td>Cylinder for Superior White MW62 gas compressor. Bore 6” stroke 6 inches. MAWP 1650 psig. Rebuilt - zero hours</td>
<td></td>
<td>Soperton, GA</td>
</tr>
<tr>
<td>FP104</td>
<td>Cylinder for Superior Gas Compressor</td>
<td>Superior</td>
<td>Cylinder for gas compressor - White Superior cylinder size 7” x 6 MW class155CD complete w/ VVCP 1650LB MAWP. s/n 34973. Cylinder has been rebuilt - zero hours.</td>
<td></td>
<td>Soperton, GA</td>
</tr>
<tr>
<td>FP105</td>
<td>Cylinder for Superior Gas Compressor</td>
<td>Superior</td>
<td>Cylinder for White Superior Compressor - size 10 1/4” x 7 w/ STD head. CE suction valve unloaders. s/n 318315. Cylinder has been rebuilt</td>
<td></td>
<td>Soperton, GA</td>
</tr>
<tr>
<td>FP106</td>
<td>Cylinder for Superior Gas Compressor</td>
<td>Superior</td>
<td>Cylinder for gas compressor - White Superior Compressor. Size 10 1/4” x 7 Class 140TCX, CE Suction valve unloaders. s/n 318751</td>
<td></td>
<td>Soperton, GA</td>
</tr>
<tr>
<td>FP130</td>
<td>Cylinder for Superior Gas Compressor</td>
<td>Superior</td>
<td>Cylinder for Superior compressor - Rebuilt - zero hours</td>
<td>2010</td>
<td>Soperton, GA</td>
</tr>
<tr>
<td>FP139</td>
<td>Cylinder for Superior Gas Compressor</td>
<td>Superior</td>
<td>Cylinder for Superior compressor. Rebuilt - zero hours</td>
<td></td>
<td>Soperton, GA</td>
</tr>
<tr>
<td>FP140</td>
<td>Cylinder for Superior Gas Compressor</td>
<td>Superior</td>
<td>White Superior Cylinder 7 1/2 &quot; bore x 6&quot; stroke W-6 class 115CD complete w/VVCP. s/n 276433.</td>
<td></td>
<td>Soperton, GA</td>
</tr>
<tr>
<td>FP142</td>
<td>Cylinder for Superior Gas Compressor</td>
<td>Superior</td>
<td>Cooper Superior 7” stroke, W-7 Class 7FE-7-3.50. MAWP 3300 PSIG. s/n 301041. This cylinder is field run, serviceable.</td>
<td></td>
<td>Soperton, GA</td>
</tr>
<tr>
<td>FP145</td>
<td>Cylinder for Superior Gas Compressor</td>
<td>Superior</td>
<td>Cylinder for gas compressor Cooper Superior White, bore 7” x 6 stroke, Class 155CD, MAWP 1650 PSI. s/n 285242. Rebuilt with zero hours.</td>
<td></td>
<td>Soperton, GA</td>
</tr>
<tr>
<td>FP146</td>
<td>Cylinder for Superior Gas Compressor</td>
<td>Superior</td>
<td>Cylinder for Cooper Superior White compressor - size 7 1/2&quot; bore x 6&quot; stroke W-6 class 115CD complete w/VVCP. s/n 276432. Rebuilt with zero hours</td>
<td></td>
<td>Soperton, GA</td>
</tr>
<tr>
<td>FP138</td>
<td>Cylinder Housing only for Superior comp</td>
<td>Superior</td>
<td>White Superior Cylinder Class 115CS w/std heads, barrels with head end plugs only. No pistons, rods, valves, etc. Not remanufactured. W-6 Class. s/n 320233</td>
<td></td>
<td>Soperton, GA</td>
</tr>
<tr>
<td>Asset</td>
<td>Name</td>
<td>Manufacturer</td>
<td>Description</td>
<td>Built</td>
<td>Location</td>
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</tr>
<tr>
<td>FP141</td>
<td>Cylinder Housing only for Superior Comp</td>
<td>Superior</td>
<td>White Superior Cylinder Class 115CS w/ std heads, barrels with head end plugs only. This is compressor housing only - No pistons, rods, valves, etc. Not remanufactured but not used. W-6 Class. s/n 320253</td>
<td></td>
<td>Soperton, GA</td>
</tr>
<tr>
<td>7297</td>
<td>Gas Compressor</td>
<td>Superior</td>
<td>Piston gas compressor with vertical drive motor. Has Lincoln force feed lubricator system and heat exchanger. Piston gas compressor set for a horizontal 250 HP drive motor &amp; sheave arrangement (motor missing). Size 7 1/2 x 4 1/2, Model MD BADA, S/N BA8AE98. Has Lincoln force feed lubricator system, strainer, heat exchanger. Last used in natural gas service - good for parts or will need major reconditioning</td>
<td></td>
<td>Chattanooga, TN</td>
</tr>
<tr>
<td>7294</td>
<td>LeRoi Gas Compressor Skid Packages</td>
<td>LeRoi</td>
<td>Four LeROI Model MHGF 12000 Gas Compressor SKID Packages - NEW, not used. Skid 88 in x104 in welded steel with 2 in drip edge. Compressor rotor twin screw diameter 127.5 mm. Drive motor 40HP TEFC 230/460V 60Hz belt drive w/guard, inlet scrubber. Starter / control panel with shutdowns, all plumbing &amp; electrical wiring, all drains &amp; piping connections to edge of skid. Please see the attached pdf's for drawings and parts list. These units were fabricated in 2009 and never put in to service. The application these units can be used for: gas gathering, well head gas compression, fuel gas boosting, vapor recovery, inlet gas boosting, and landfill gas. Weight 6,000 pounds each. Ready to Load. Four skids available - priced separately, Price includes loading. Discount if all 4 are purchased</td>
<td>2009</td>
<td>Texas</td>
</tr>
</tbody>
</table>

### Electrical

<table>
<thead>
<tr>
<th>S1304B</th>
<th>Circuit Breaker</th>
<th>Cutler Hammer</th>
<th>Square D NEMA size 0 circuit breaker with Cutler Hammer enclosure. Class 8536. Type: SB0 2, Form S, Series A. 3 phase rating. 200/230VAC: 3HP max. 380/460/575VAC: 5HP max.</th>
<th>Jacksonville, IL</th>
</tr>
</thead>
<tbody>
<tr>
<td>S1407B</td>
<td>Circuit Breaker</td>
<td>Westinghouse</td>
<td>Westinghouse Series C motor circuit protector. 7A, 600VAC-250VDVC. 3 pole switch. Cat no. HMCP007C0C. Style: 6630CG7G05</td>
<td>Jacksonville, IL</td>
</tr>
<tr>
<td>H107</td>
<td>DC Motor 25 HP</td>
<td>Reliance</td>
<td>DC Drive - Reliance electric 25 HP agitator motor. TEFC enclosure. 2500/3000 RPM. 500V, 41.5A. Built for continuous duty SF 1.0. Identification No. 1KA5815555-RM.</td>
<td>Grant City, MO</td>
</tr>
<tr>
<td>H108</td>
<td>DC Motor 25HP</td>
<td>GE Kinamatic</td>
<td>DC Drive - GE Kinamatic electric 25 HP agitator motor. TEFC enclosure. Type 327AT. Model 50D183TA015B001. S/N NP-8-136-NP. 2500/3000 RPM. 500V, 40.3A. Built for continuous duty.</td>
<td>Grant City, MO</td>
</tr>
<tr>
<td>H2002</td>
<td>Electric Motors (Lot)</td>
<td></td>
<td>Lot of 6 electric motors. NEW. Includes four 15 HP motors @ 3535 RPM, a 25 HP motor @ 3545 RPM, and a 30 HP motor @ 1465 RPM.</td>
<td>Grant City, MO</td>
</tr>
<tr>
<td>H3002</td>
<td>Electric Motors (Lot)</td>
<td></td>
<td>Lot of electric motors (2 pallets). Approx. 1 - 1.5HP motor, 10 - 2HP motors, 4 - 3HP motors, 3 - 15HP motors, 1 - 20 HP motor, 2 - 25HP motors.</td>
<td>Grant City, MO</td>
</tr>
<tr>
<td>S1405B</td>
<td>Electrical Box</td>
<td>Signal Division</td>
<td>Signal Division weatherproof electrical box. Model WB Series B. NEW in box</td>
<td>Jacksonville, IL</td>
</tr>
<tr>
<td>SB09B</td>
<td>Electrical Box</td>
<td>Square D</td>
<td>Square D electrical control enclosure.</td>
<td>Jacksonville, IL</td>
</tr>
<tr>
<td>7016</td>
<td>IP20</td>
<td>Allen Bradley</td>
<td>Allen Bradley Preset Spd. Series C. Model 160-BA04NPS1. These have not been tested, sold &quot;as is&quot; and items pictured may not be the exact unit shipped. Input 380-460 volts, 50/60 hz. Output: 380-460V.</td>
<td>Jacksonville, IL</td>
</tr>
<tr>
<td>Asset</td>
<td>Name</td>
<td>Manufacturer</td>
<td>Description</td>
<td>Built</td>
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<tr>
<td>7015</td>
<td>Loop Detector</td>
<td>Sarasota</td>
<td>Sarasota Detect 515B Loop Detector Single Channel Shelf Mount. Sarasota 515B Single Channel Vehicle Detector Simple Type: PLC Analog I/O Modules. The Sarasota 515B/MS is a single channel inductive loop detector using the latest microcomputer technology to provide sensitivities and response times substantially independent of loop size. Failsafe circuitry quickly identifies open or short circuit loop faults and is backed up by a &quot;self healing&quot; feature which enables the detector to revert to normal operation once the fault condition is removed, subject to presence time. This has not been tested, sold &quot;as is&quot;.</td>
<td></td>
</tr>
<tr>
<td>M107</td>
<td>Motor</td>
<td>Marathon</td>
<td>Marathon electric motor. Frame 286T. 1765 RPM. 230/460V</td>
<td></td>
</tr>
<tr>
<td>M110</td>
<td>Motor</td>
<td>Pacemaker</td>
<td>Pacemaker electric motor</td>
<td></td>
</tr>
<tr>
<td>M102</td>
<td>Motor 100 HP</td>
<td>Toshiba</td>
<td>Toshiba electric motor</td>
<td></td>
</tr>
<tr>
<td>M103</td>
<td>Motor 100 HP</td>
<td>GE</td>
<td>GE 100 HP electric motor. Frame 405TS. 1780 RPM. 230/460V. 140/70A.</td>
<td></td>
</tr>
<tr>
<td>M111</td>
<td>Motor 100 HP</td>
<td>Pacemaker</td>
<td>Pacemaker 100 HP electric motor. Frame 405TS. 1730 RPM. 230/460V.</td>
<td></td>
</tr>
<tr>
<td>M107</td>
<td>Motor 125 HP</td>
<td>Siemens</td>
<td>Siemens 125HP motor SN D09T0042NPX 001 , Amps 138, rpm 3575, Frame 444TS 460/3/60. Part of Pump 31-P-240A, not sold separately</td>
<td>2009</td>
</tr>
<tr>
<td>M107</td>
<td>Motor 125 HP</td>
<td>Siemens</td>
<td>Siemens 125HP motor SN E09T0042NPX 001 , Amps 138, rpm 3575, Frame 444TS 460/3/60. Part of Pump 31-P-240B, not sold separately</td>
<td>2009</td>
</tr>
<tr>
<td>FP118</td>
<td>Motor 1750 HP</td>
<td>Reliance</td>
<td>Reliance 1750HP motor, 895 RPM, 4160 Volt 3 phase. Type P, Code G, Frame D240. SF 1.15. S.O. # 56703. Motor was completely remanufactured and has never been used.</td>
<td></td>
</tr>
<tr>
<td>FP119</td>
<td>Motor 1750 HP</td>
<td>Reliance</td>
<td>Reliance 1750HP motor, 895 RPM, 4160 Volt 3 phase. Type P, Code G, Frame D240. SF 1.15. S.O. # 56698. Motor was completely remanufactured and has never been used.</td>
<td></td>
</tr>
<tr>
<td>MPD-1669</td>
<td>Motor 1750 HP</td>
<td>Reliance</td>
<td>Reliance Motor 1725 HP. Frame 9240, Volts 4160, Type P, RPM 895, HP 1750. Part of compressor 31-K-120, not sold separately</td>
<td>2009</td>
</tr>
<tr>
<td>MPD-1669</td>
<td>Motor 1750 HP</td>
<td>Reliance</td>
<td>Reliance Horizontal Motor 1750 HP, remanufactured - only ran 42 days - like new. Frame 9240, Volts 4160/60/3, Type P, RPM 895, HP 1750. Part of compressor 31-K-216, not sold separately</td>
<td>2009</td>
</tr>
<tr>
<td>M1005</td>
<td>Motor 30 HP</td>
<td>Marathon</td>
<td>Marathon 30 HP electric motor. Frame 286TS. 3545 RPM. 230/460, 68.4/34.2A.</td>
<td></td>
</tr>
<tr>
<td>H106</td>
<td>Motor 300 HP</td>
<td>ABB</td>
<td>ABB 300 HP electric motor. NEW, not used. Type M2BA 506LB 4 B3, S/N 3342978. 1782 RPM, frame 506T. Built for continuous duty. 460V, 337FLA, 60Hz, 3 phase. Was a spare motor for an Alfa Laval Sharples decanter. NEW Motor</td>
<td></td>
</tr>
<tr>
<td>Asset</td>
<td>Name</td>
<td>Manufacturer</td>
<td>Description</td>
<td>Built</td>
</tr>
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</tr>
<tr>
<td>31-MT-204</td>
<td>Motor 300HP</td>
<td>Baldor/Reliance</td>
<td>Baldor/Reliance 300HP motor Model B456702, SN B456702-010 Frame 449TDZ. Id,. Amps 326. 460/3/60 at 3750 rpm. Motor for Frick Compressor - see 31-Z-204. Not sold separately.</td>
<td>2009</td>
</tr>
<tr>
<td>M101</td>
<td>Motor 40 HP</td>
<td>GE</td>
<td>GE 40 HP electric motor. Frame 324TS. 3565 RPM. 460V, 43.7A.</td>
<td>Grant City, MO</td>
</tr>
<tr>
<td>M102</td>
<td>Motor 40 HP</td>
<td>GE</td>
<td>GE 40 HP electric motor. Frame 324TS. 3565 RPM. 460V, 43.7A.</td>
<td>Grant City, MO</td>
</tr>
<tr>
<td>H113</td>
<td>Motor 40 HP</td>
<td>Marathon Electric Blue Chip</td>
<td>Marathon Electric Blue Chip Severe Duty 40 HP electric motor. NEW 3545 RPM. Built in 2005. Model CN324TSTGP4001CDL. 230/460V, 95/47.5 FLA, 60 Hz. Enclosure EPFC, Frame 324TS, continuous duty. Physical weight 584 pounds.</td>
<td>2005</td>
</tr>
<tr>
<td>M108</td>
<td>Motor 40 HP</td>
<td>Pacemaker</td>
<td>Pacemaker 40 HP electric motor. Frame 404T. 1185 RPM. 220/440V, 147/73.5A.</td>
<td>Grant City, MO</td>
</tr>
<tr>
<td>H2001</td>
<td>Motor 400 HP</td>
<td>Siemens-Allis</td>
<td>Siemens-Allis electric induction 400 HP motor. Model 145, S/N 51041-1-1. Type FODV. Frame 507UP. 52.8 Amps, 4000V, 60 Hz. 1780 RPM. Includes 400W space heater. Last service was on cooling tower pump.</td>
<td>Grant City, MO</td>
</tr>
<tr>
<td>H112</td>
<td>Motor 400 HP</td>
<td>TECO</td>
<td>TECO 400 HP electric motor. NEW. 1785 RPM. Frame 58088. Enclosure TEFC. 2130/4160V, 60 Hz, 4 phase. Motor shaft size: 4 13/16&quot; dia x 12&quot; long.</td>
<td>Grant City, MO</td>
</tr>
<tr>
<td>7414</td>
<td>Motor 40HP</td>
<td>SEW-Euro Drive</td>
<td>Motor SEW- Euro-Drive motor with brake. Type DV200L4BH31MR, TEC C3PM, volts 230/460. Amps 95/47.5, HP 40, RPM 1760, Brake volts 460AC, Torque 221 lbs/ft. Motor is New - bought in 2009 and has been sitting in controlled temp warehouse since then.</td>
<td>2009</td>
</tr>
<tr>
<td>M106</td>
<td>Motor 50 HP</td>
<td>Marathon</td>
<td>Marathon 50 HP electric motor. Frame 365T. 1180 RPM. 230/460, 124/62A.</td>
<td>Grant City, MO</td>
</tr>
<tr>
<td>M109</td>
<td>Motor 60 HP</td>
<td>Pacemaker</td>
<td>Pacemaker 60 HP electric motor. Frame 404T. 1185 RPM. 220/440V, 147/73.5A.</td>
<td>Grant City, MO</td>
</tr>
<tr>
<td>FP108</td>
<td>Motor 600 HP</td>
<td>Westinghouse</td>
<td>Westinghouse 600HP, 883 RPM, 4160 Volt, 3 PH. Frame 6810-L. Type TEFC, LAC. SO # 56704</td>
<td>Soperton, GA</td>
</tr>
<tr>
<td>41-MT-140</td>
<td>Motor 600HP</td>
<td>Westinghouse</td>
<td>Westinghouse horizontal Motor 600HP, rebuilt. Motor shaft size 4.124&quot;,1' keyway. Westinghouse motor 600HP, 893 rpm, frame 6810L, 4160 v/60/3. S.F. 1.15, SO# 56705. Motor has been completely reconditioned - used only 42 days. Like New. Last used as Synloop compressor motor. Part of compressor 41-K-140, not sold separately.</td>
<td>2009</td>
</tr>
<tr>
<td>H111</td>
<td>Motor 75 HP</td>
<td>General Electric</td>
<td>General Electric Triclud induction motor. NEW. 75 HP, 1770 RPM. 460V, 86.6A, 60Hz, 3 Phase. Model 47.5466.426, sn AY34913. Enclosure TEFC, Frame 405T. Continuous duty. Motor shaft size 2 3/4&quot; dia. X 7&quot; long.</td>
<td>Grant City, MO</td>
</tr>
<tr>
<td>S1401B</td>
<td>Motor Starter</td>
<td>Cutler Hammer</td>
<td>Cutler Hammer starter. NEMA size 0. Model B10BG0 Series A1. Comes with Cutler Hammer enclosure and heaters.</td>
<td>Jacksonville, IL</td>
</tr>
<tr>
<td>H2011</td>
<td>Motors 25HP &amp; 30HP</td>
<td>Westinghouse</td>
<td>Lot of 2 electric motors. 25HP motor 460/3/60 frame 286T 1465rpm. 30HP motor 460/3/60 frame 284TS 3545 rpm</td>
<td>Grant City, MO</td>
</tr>
<tr>
<td>Asset</td>
<td>Name</td>
<td>Manufacturer</td>
<td>Description</td>
<td>Built</td>
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<tr>
<td>E2356</td>
<td>Transformer - 7.5KVA</td>
<td>EGS</td>
<td>General Signal Hevi-Duty Transformers, 60Hz 1 phase: There are 2 transformers offered as a unit. Primary 240/480v, Secondary 120/240v. UL listed. Transformer 1 is 7.5 KVA, Model HS1F7.5A. Transformer 2 is 5 KVA, Model HS1F5A. Dimensions: 9”L x 10”W x 17”H</td>
<td></td>
</tr>
<tr>
<td>SJ165</td>
<td>Transformer 10 kVA</td>
<td>GE</td>
<td>Dry Type Transformer, GE 10 KVA, single phase. Primary 432/456/480v, secondary 120/240v. Model 9T21B1009G2. Enclosed indoor/outdoor unit. Type QMS.</td>
<td></td>
</tr>
<tr>
<td>7157</td>
<td>Transformer 2500 KVA</td>
<td>Cooper</td>
<td>Cooper 2500 KVA Transformer. Catalog # 0030WA16D51S, Serial # 986002240. High Voltage 13200 (With Tap change range 12540-13860). Low Voltage: 480Y/277, Impedance 5.6%. Oil filled transformer - PCB free with cert tag attached. Has been idle since 2004</td>
<td>1999</td>
</tr>
<tr>
<td>7158</td>
<td>Transformer 2500 KVA</td>
<td>Westinghouse</td>
<td>Westinghouse Transformer 2500 KVA. Serial # SBV 0552-01. High voltage 13200 Y (With Tap change range from 12540-13870), Low Voltage 480 delta/277. Impedance 5.22%. Oil filled transformer - PCB free with cert tag attached.</td>
<td>1999</td>
</tr>
<tr>
<td>7017</td>
<td>VFD</td>
<td>Allen Bradley</td>
<td>Allen Bradley Bulletin 1333 Adjustable Frequency AC Drive, Series D+ 3PH, 460/415/380 volts, 50/60 Hz. Input 2.6 kva 460v 3 phase 3.3 amps, Output 1.7 kva 460v 3 phase 2.1 amps. Tested and guaranteed to work.</td>
<td></td>
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<tr>
<td>S1406B</td>
<td>VFD</td>
<td>IDM Controls</td>
<td>IDM Controls, Inc. P5 Series general purpose AC drive. Model: CIMR-P5U43P7 Spec: 43P71CU. 3 Phase. Input: 380-460V, 50/60HZ, 10.2A; Output: 0-460V, 0-400HZ, 8.5A</td>
<td></td>
</tr>
<tr>
<td>7011</td>
<td>VFD 1HP</td>
<td>Woods</td>
<td>E-Trac VFD 1HP AC inverter, model XFC4001-OB. Tested and guaranteed to work, items pictured may not be the exact unit shipped. Input: 400-460±10% volts, 2.3 amps. Output: 1 HP, 7.0-460 volts.</td>
<td></td>
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<tr>
<td>7014</td>
<td>VFD 2HP</td>
<td>Allen Bradley</td>
<td>Allen Bradley AB 1305 VFD 2HP AC Drive, Model 1305-BA04A. Tested and guaranteed to work, items pictured may not be the exact unit shipped. Input: 380-460 V, 50/60 Hz. Output: 380-460V, 4 Amp. Quantity (3) available - priced separately.</td>
<td></td>
</tr>
<tr>
<td>Asset</td>
<td>Name</td>
<td>Manufacturer</td>
<td>Description</td>
<td>Built</td>
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<tr>
<td>7005</td>
<td>VFD 2HP</td>
<td>VACON</td>
<td>VAC-ON X series VFD 2 HP, Input 380-460V ± 15%. Tested and guaranteed to work, items pictured may not be the exact unit shipped. Quantity (6) available - priced separately</td>
<td></td>
</tr>
<tr>
<td>7004</td>
<td>VFD 2HP</td>
<td>Woods</td>
<td>E Trac Woods VFD AC inverter Model XFC4002-0B. Items pictured may not be the exact unit shipped. Input: 400-460 ± 10% Volts, 50/60 Hz, 3 PH, 5.1 Amps, Output: 2 HP, 7.0-460 volts, 4.1 amps. Tested and guaranteed to work. Quantity (6) available - priced separately</td>
<td></td>
</tr>
<tr>
<td>7006</td>
<td>VFD 2HP</td>
<td>Woods</td>
<td>Woods X4 VFD AC Drive X series, Model X4C4002-OC; 2 HP, Input 380-460V±15%; 3 PH, 50/60 Hz. Tested and guaranteed to work, items pictured may not be the exact unit shipped. Quantity (21) available - priced separately</td>
<td></td>
</tr>
<tr>
<td>7012</td>
<td>VFD 2HP</td>
<td>Woods</td>
<td>Wood's VFD 2HP MicrInverter, model XFC4002-OC. Tested and guaranteed to work, items pictured may not be the exact unit shipped. Input: 380-460 ± 15%, 3PH. Output: 2HP, 7.0-460 volts.</td>
<td></td>
</tr>
<tr>
<td>7007</td>
<td>VFD 3HP</td>
<td>Woods</td>
<td>Wood's E-Trac VFD AC inverter, Model XFC4003-OB. Tested and guaranteed to work, items pictured may not be the exact unit shipped. Input: 400-460 ± 10%; 50/60 Hz, 3 PH, Output: 3HP 7.0-460 Volts. Quantity (4) available - priced separately</td>
<td></td>
</tr>
<tr>
<td>7008</td>
<td>VFD 5HP</td>
<td>Woods</td>
<td>E Trac WFC Ht VFD AC inverter, model WFC4005-OCHT, Tested and guaranteed to work, items pictured may not be the exact unit shipped. Input: 380-460 V, 3PH, 50/60 Hz, Output 5 HP, 460 Volts, 3PH. Quantity available (9) - priced separately</td>
<td></td>
</tr>
<tr>
<td>7009</td>
<td>VFD 5HP</td>
<td>Woods</td>
<td>E Trac Woods VFD AC inverter, model WFC4005-OCHT, Tested and guaranteed to work, items pictured may not be the exact unit shipped. Input: 460 3PH 50/60 Hz, Output: 5 HP, 460 Volts, 3PH. Quantity (2) available - priced separately</td>
<td></td>
</tr>
<tr>
<td>7010</td>
<td>VFD 7.5HP</td>
<td>TB Woods</td>
<td>E Trac X4 VFD 7.5HP AC Drive, model X4C4007-5C. Tested and guaranteed to work, items pictured may not be the exact unit shipped. Size 7.5 HP, 380-460V±15%, 3PH, 50/60 Hz.</td>
<td></td>
</tr>
<tr>
<td>7431</td>
<td>Vibratory Motors</td>
<td></td>
<td>Vibratory Motors: These can promote the flow of stubborn materials from your hoppers, bins, chutes or pipes. See attached pdf for list of available motors.</td>
<td></td>
</tr>
</tbody>
</table>

### Filter 74 Items

<table>
<thead>
<tr>
<th>Filter</th>
<th>Description</th>
<th>Built</th>
<th>Location</th>
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<tbody>
<tr>
<td>5674</td>
<td>Bag Filter - 2 bag (2) Rosedale Vertical Polish Filter, 2-Bags. Model 18304F1150CC, Serial No. RD2385 and RD2354, Built 1994 and 1989, respectively. Carbon Steel Shell with Stainless Baskets. With 3&quot; Inlet/Outlet Flanged Conn. Last used in edible food oil service.</td>
<td>1994</td>
<td>Ft Worth, TX</td>
</tr>
<tr>
<td>Asset</td>
<td>Name</td>
<td>Manufacturer</td>
<td>Description</td>
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</tr>
<tr>
<td>7146</td>
<td>Bag Filter - 3 Bag</td>
<td>American Filter</td>
<td>Polishing filter 3 bag. Model So-Clean by American Filter. ASME stamped</td>
</tr>
<tr>
<td>FT704</td>
<td>Bag Filter - 3 bag</td>
<td>Rosedale</td>
<td>Rosedale Multi-bag polishing filter. 3 bag polish filter. Model 18304F1150CC with 3&quot; flanged connections. Takes #2 bags, Stainless steel baskets, carbon steel housing. Built 1997. Currently used to filter (polish) edible oil. We can recondition for you. Quantity (2) - priced separately.</td>
</tr>
<tr>
<td>5667</td>
<td>Bag Filter - 3 Bag</td>
<td>Rosedale</td>
<td>Rosedale Vertical Polish Filter, 3-Bags. Serial No. RD1153 through RD1156, Built 1989. Carbon Steel Shell with Stainless Baskets. With 3&quot; Inlet/Outlet Flanged Conn. Last used in edible food oil service. Quantity (4) available - priced separately.</td>
</tr>
<tr>
<td>T327</td>
<td>Bag Filter - 4 bag</td>
<td>FSI</td>
<td>FSI 4-bag carbon steel polishing filter. Model FSPZ800-C/S 4-bag filter ez-open lid with 4&quot; flanged connection. Has four ss baskets for filter bags. Last used as a food grade oil bleaching polishing filter. We can recondition for you.</td>
</tr>
<tr>
<td>7030</td>
<td>Bag Filter - 4 bag</td>
<td>FSI</td>
<td>FSI 4-bag carbon steel polishing filter. Model FSPN800-C/S 4-bag filter. Manual open lid with 3 inch flanged connection. Has four ss baskets for filter bags. 800 GPM Maximum Flow Rate. 150 PSIG Maximum Pressure @ 400°F. Price shown includes reconditioning &amp; painting.</td>
</tr>
<tr>
<td>T633</td>
<td>Bag Filter - Single Bag</td>
<td>Crall</td>
<td>Crall products polishing filter - bag type. Model CBF-20-4-732-S, ASME NB #2926, serial 42315-2. Built 2000. MAWP 150 psi at 200F. Carbon steel. ASME MAWP 150 psi at 400F. With 3&quot; inlet/outlet flanged connection. Last used as a food grade edible oil polishing filter. We can recondition for you.</td>
</tr>
<tr>
<td>T546</td>
<td>Bag Filter - Single Bag</td>
<td>FSI</td>
<td>FSI single bag polishing filter. Carbon steel shell with stainless baskets. Model FSP-40-2-CS, serials 12143 and 12146. MAWP 150 psi at 500F. Built 1986. Last used as a food grade edible oil polishing filter. Quantity (2) available. We can recondition for you.</td>
</tr>
<tr>
<td>Asset</td>
<td>Name</td>
<td>Manufacturer</td>
<td>Description</td>
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<tr>
<td>H2003</td>
<td>Baghouse Dust Collection System</td>
<td>Hosokawa Mikropul</td>
<td>Dust collection system by Hosokawa Mikropul, Model 144S-12-20-TR. Mikro Pulsaire dry dust collector, self cleaning. Captures sub micron particles in gas stream, with suction blower, filter, 20 HP Kice small pneumatic blower, vent baghouse. Suction blower made by AE Fan Engineering, Size M-23, type IE, moves 15,000 CFM with 75 HP motor. Filter has 2,035 sq ft. surface area and uses 16oz. Poly bag filters - 4.5&quot; dia by 8 or 10 or 12 ft long. Includes duct between blower and baghouse. Approximate weight of baghouse only is 10,600 pounds. All pieces are in Oklahoma except for the large dust collector itself which is still installed in Nebraska. Prices include loading.</td>
</tr>
<tr>
<td>F-1202</td>
<td>Baghouse Dust Collector</td>
<td>Mikro Pulsaire</td>
<td>Mikro Pulsaire fabric filter dust collection filter - includes blower fan B-1204 for dust collector F-1202. Siemens RGZS7D 7.5 HP 1740 RPM.</td>
</tr>
<tr>
<td>T545</td>
<td>Cartridge Filter</td>
<td>Fulflo</td>
<td>Fulflo SF multi cartridge filter used as polishing filter. By Parker Model SF12-3-3FK1, serial 9201-0034-7686. ASME #7686, MAWP 150 psi at 500F. Built 1981. Carbon steel housing, for 12 cartridges with length of 30 inches. Flow rate 180 gpm total. With 3&quot; inlet/outlet flanged connection. Physical weight 54 pounds. Last used as a food grade edible oil polishing filter. We can recondition for you.</td>
</tr>
<tr>
<td>5680</td>
<td>Cartridge Filter</td>
<td>Fulflo</td>
<td>Fulflo SF multi cartridge filter used as polishing filter. By Parker, Model SF12-3-3FK1, serial 9201-0054-9856, Built 1983. ASME #9856, MAWP 150 psi at 500F. Carbon steel housing, for 12 cartridges with length of 30 inches. Flow rate 180 gpm total. With 3&quot; inlet/outlet flanged connection. Physical weight 54 pounds. Last used as a food grade edible oil polishing filter.</td>
</tr>
<tr>
<td>5684</td>
<td>Cartridge Filter</td>
<td>Fulflo</td>
<td>Fulflo SF multi cartridge filter used as polishing filter. By Parker, Model SF12-3-3FK1, Serial No. 9201-0034-7687, Built 1981. ASME #7687, MAWP 150 psi at 500F. Carbon steel housing, for 12 cartridges with length of 30 inches. Flow rate 180 gpm total. With 3&quot; inlet/outlet flanged connection. Physical weight 54 pounds. Last used as a food grade edible oil polishing filter.</td>
</tr>
<tr>
<td>5685</td>
<td>Cartridge Filter</td>
<td>Fulflo</td>
<td>Fulflo SF multi cartridge filter used as polishing filter. By Parker, Model SF12-3-3FK1, Serial No. 9201-0054-17057, Built 1996. ASME #17057, MAWP 150 psi at 500F. Carbon steel housing, for 12 cartridges with length of 30 inches. Flow rate 180 gpm total. With 3&quot; inlet/outlet flanged connection. Physical weight 54 pounds. Last used as a food grade edible oil polishing filter.</td>
</tr>
<tr>
<td>5686</td>
<td>Cartridge Filter</td>
<td>Fulflo</td>
<td>Fulflo SF multi cartridge filter used as polishing filter. By Parker, Model SF12-3-3FK1, Serial No. 9201-0054-9861, Built 1983. ASME #9861, MAWP 150 psi at 500F. Carbon steel housing, for 12 cartridges with length of 30 inches. Flow rate 180 gpm total. With 3&quot; inlet/outlet flanged connection. Physical weight 54 pounds. Last used as a food grade edible oil polishing filter.</td>
</tr>
<tr>
<td>T215</td>
<td>Cartridge Filter - Single SS (3)</td>
<td>Tri Clover</td>
<td>Tri Clover sanitary cartridge filter - single bag, 2 inch connections. Stainless steel. Last used as food grade edible oil polishing filter. Quantity (3) available - priced separately.</td>
</tr>
<tr>
<td>Asset</td>
<td>Name</td>
<td>Manufacturer</td>
<td>Description</td>
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</tr>
<tr>
<td>5681</td>
<td>Cartridge Filter (3)</td>
<td>Fulflo</td>
<td>Fulflo Vertical Polish Filter, Cartridge Model WG18-10-3FAK1. Carbon Steel Shell with Stainless Baskets. With 3” Inlet/Outlet Flanged Conn. Last used in edible food oil service. Quantity (3) available - priced separately</td>
</tr>
<tr>
<td>FC-1513</td>
<td>Cartridge Filters</td>
<td></td>
<td>Cartridge filters, stainless steel. Quantity (2) - priced for the set</td>
</tr>
<tr>
<td>31-FL-192A</td>
<td>Coalescer Filter</td>
<td>TM Industrial</td>
<td>Coalescer Filter Rated at 15683 #/hr, 100 PPMW solids, 5 psig DP. ASME MAWP 800 psig at 250F external/FV at 350F, Nat'l Bd# 6164, s/n 6169. Capacity 5958 ACFH, 1 micron. Material is carbon steel. Used as Gas Clean-up Pre-Filter/Coalescer.</td>
</tr>
<tr>
<td>31-FL-192B</td>
<td>Coalescer Filter</td>
<td>TM Industrial</td>
<td>Coalescer filter Rated at 15683 #/hr, 100 PPMW solids, 5 psig DP. ASME MAWP 800 psig at 250F internal/FV at 350F, Nat'l Bd# 6165, s/n 6170. Capacity 5958 ACFH, 1 micron. Material is carbon steel. Used as Gas Clean-up Pre-Filter/Coalescer.</td>
</tr>
<tr>
<td>31-FL-244</td>
<td>Filter</td>
<td>TM Industrial</td>
<td>Vertical single stage filter, 10 micron, carbon steel, 3” pipe in/out top entry. Designed for 101,940 #/hr (205 gpm) solvent with 0.2 PPMW solids, 5 PSID. MAWP 450 psi/FV @350F, Nat'l Bd# 6166, s/n 6171. Used as solvent filter - like new. Mfg by TM Industrial in 2009, used 42 days.</td>
</tr>
<tr>
<td>7281</td>
<td>Filter element</td>
<td>VanAir</td>
<td>Filter element, new in box. Coalescer filter for general purpose particulates. Nominal particulate removal to 1 micron, flow out to in. Model E200-1000-RB and/or E100-750-RB. (For F100 and F200 grade Van Air filters - all grades)</td>
</tr>
<tr>
<td>7445</td>
<td>Filter press</td>
<td></td>
<td>Horizontal Filter press 5x5 with 100 plates</td>
</tr>
<tr>
<td>7384</td>
<td>Filter Press</td>
<td>Durco Ascension</td>
<td>Durco filter press made by Ascension Industries, Inc. Model EP-G800/32-16 Order No 3436 Job # 003436-2-1 PO# 29873; EP Sidebar Filter Press, 100 psi. Has 16 Polypropylene plates 32mm + head plate &amp; tail plate, 8.5 cu ft cake capacity. Hydraulic cylinder closing ram. Can dewater slurries from 3 to 30% solids - last used in biodiesel service. Built in 2009, used 2 years then idled in 2011. Condition is good - new filter cloths were installed right before idling. Press is removed and ready to load.</td>
</tr>
<tr>
<td>7291</td>
<td>Filter Press 800sf</td>
<td>Shriver</td>
<td>Completely refurbished Eimco Shriver Filter Press. Size M48 S/N 2941. All plates are in great condition and new cloths are furnished for them. Wiring is brand new, all safety and micro switches are new. All hydraulic hoses are new. New chains and bearings. Max filter pressure 100 psi, Max thrust 118 tons at 3000 psi. There are 30 internal plates with 1 head plate and 1 end plate - these plates are Polypropylene EMP 1225mm x 1225mm x 62.7mm thick for 32 chambers at 1.16 cu ft per chamber. Approx filtration area is 800 sq ft. See link for plate details. Price includes loading on your truck</td>
</tr>
<tr>
<td>5720</td>
<td>Filter Press Vertical 400sf</td>
<td>LFC Lochem</td>
<td>Currently used for soybean oil bleaching. Carbon steel vessel. 4.5’ diameter, 12’ OAH. Surface area 38.5 sq m (400 sf). Model MV.DCD H350 138.5/15/SB. Includes valve manifold with four 2” sight glasses, two 2.5” sight glasses, and 18 electric automatic valves. 100” flange to flange, 23” from top flange to lifting lugs. Part of bleacher system item 5766.</td>
</tr>
<tr>
<td>Asset</td>
<td>Name</td>
<td>Manufacturer</td>
<td>Description</td>
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</tr>
<tr>
<td>FT702</td>
<td>Filter Press 152sf Vertical</td>
<td>Industrial</td>
<td>Industrial Filter used as polishing filter, Type 36-1.5-28, Model 1-036, Serial number 20992. ASME MAWP 75psi at 310F. (Sparkler type). Horizontal stacked flat plates dressed with paper filters. Includes a complete spare insert. 152 square feet filter area. 312 gallon capacity. MAWP 75 PSI @ 310 F. Size is 84&quot; H x 49&quot; W x 49&quot; L, physical weight 1800 pounds. Last used in edible food oil service. Drawing of flyer is &quot;typical&quot;. Includes operating manual. Removed, ready to load. We can recondition for you.</td>
</tr>
<tr>
<td>5664</td>
<td>Filter Press 152sf Vertical</td>
<td>Industrial</td>
<td>Industrial Vertical Polish Filter, Stacked Plates Model 1-036, Series 36-1.5-28, Type 116.914, Serial No. F-20992, Built 1997. 28 leaves. Carbon Steel. With 3&quot; Inlet/Outlet Flanged Conn. 152 square feet filter area. 312 gallon capacity. MAWP 75 PSI @ 310 F. 84&quot; H x 49&quot; W x 49&quot; L, 1800 pounds. Last used in edible food oil service. Drawing of flyer is &quot;typical&quot;. Includes operating manual. Removed.</td>
</tr>
<tr>
<td>F6600</td>
<td>Filter Press 303sf</td>
<td>Industrial Filter</td>
<td>Industrial Filter Horizontal pressure leaf filter press, Model D, Series 48-3-22, Type 122.902, serial number F20362, built 1988. ASME Nat’l board number 3209. Tank dia: 48 inches dia x 95 in long not including vibrator. Includes filter leaves measuring 39&quot; W x 32&quot; Tall. Filter size 303 sq ft. We can offer &quot;as is &quot;, used but sandblasted and primed or totally rebuilt. Price quoted is &quot; as is &quot;</td>
</tr>
<tr>
<td>F6620</td>
<td>Filter Press 303sf</td>
<td>Industrial Filter</td>
<td>Industrial Filter Horizontal pressure leaf filter press, Model D. Series 48-3-22, serial number F20363, built 1988. ASME # 3210. Tank dia: 48 inches dia x 95 in long not including vibrator. Includes filter leaves measuring 39&quot; W x 32&quot; Tall. Filter size 303 sq ft. We can offer &quot;as is &quot;, used but sandblasted and primed or totally rebuilt. Price quoted is &quot; as is &quot;</td>
</tr>
<tr>
<td>6554</td>
<td>Filter Press 400sf</td>
<td>Industrial Filter</td>
<td>Horizontal pressure leaf filter press, made by Industrial Filter. Type 122.902, Series 60-4-16, Model D. With 400 sf filtering area. MAWP 70 PSI @ 310F. MDMT 42F @ 70 PSI. S/N: F20985. Capacity for 1,100 gallons of oil, Built 1997. Approx. size 5.5 ft dia x 17.5 ft (209.5 inches) overall length. Includes rail and legs for rail. Note: See representative photos of similar filter after reconditioning</td>
</tr>
<tr>
<td>7109</td>
<td>Filter Press 600sf</td>
<td>Industrial Filter</td>
<td>Industrial Filter &amp; Pump Horizontal pressure leaf filter press 60-4-24. Model E, Type 122.902. sn# 3062 F-20228 Includes 24 filter leaves with stainless channel/screen. ASME. Physical Size: 60’ x 11’ with ss leaves inside. 614 ft. sq. Filter Area designed for approx 30,000 lbs of product/hour. Set up in a head-to-head configuration. Condition Good - was in operation until July 2013. Physical wt. approx 6850 lb. empty. Removed and ready to load.</td>
</tr>
<tr>
<td>7110</td>
<td>Filter Press 600sf</td>
<td>Industrial Filter</td>
<td>Industrial Filter &amp; Pump Horizontal pressure leaf filter press 60-4-24. Model E, Type 122.902. sn# 3062 F-20227. ASME Nat’l Bd# 3062. Includes 24 filter leaves with stainless channel/screen. Physical Size: 60” x 11“ with ss leaves inside. 614 ft. sq. Filter Area designed for approx 30,000 lbs of product/hour. Set up in a head-to-head configuration. Physical wt. approx 6850 lb. empty. Condition Good - was in operation until July 2013. Removed and ready to load.</td>
</tr>
<tr>
<td>6553</td>
<td>Filter Press 800sf</td>
<td>Industrial Filter</td>
<td>Horizontal pressure leaf filter press, made by Industrial Filter. Type 122.902, Series 66-5-26, Model D. With 800 sf filtering area. MAWP 100 PSI @ 310F. MDMT 42F @ 100 PSI. S/N: F21098. Capacity for 2,300 gallons of oil, Built 1998. Approx. size 6 ft dia x 13 ft long. Does not include rail for door. Note: See representative photos of similar filter after reconditioning</td>
</tr>
<tr>
<td>Asset</td>
<td>Name</td>
<td>Manufacturer</td>
<td>Description</td>
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</tr>
<tr>
<td>5743</td>
<td>Filter Press Vertical 400sf</td>
<td>LFC Lochem</td>
<td>Currently used for soybean oil bleaching. Carbon steel vessels. 4.5’ diameter, 12’ OAH. Surface area 38.5 sq m (400sf). Model MV.DCD H350 138.5/15/SB. This filter has been removed and is laying in the yard in pieces. Includes filter leaves. This filter will need to be refurbished, a new 16 inch butterfly outlet valve added, and controls added before use. Part of bleacher system item 5766. Available now</td>
</tr>
<tr>
<td>H2029</td>
<td>Filter sleeves for cartridge filters</td>
<td>Technologies</td>
<td>Cartridge Filters. Carbon Blockers made by KX Technologies Matrikx CTO 30 inch cartridges. Model 32-250-125-29. Design is 10 micron, Class 1 Chlorine &amp; Odor &amp; Taste. Diameter 2.5 inches, length 30 inch. Sold 4 to a box - priced per box. Quantity (37) boxes available</td>
</tr>
<tr>
<td>7467</td>
<td>Filtration Skid</td>
<td></td>
<td>New filtration skid includes a complete portable filtration skid with a small vertical pressure leaf filter, with a precoat/filter feed tank, mixer, pump, valves, piping, and a control panel. It is built of all 304 stainless steel, with the leaves inside the filter fabricated of the standard 5-ply riveted, 316 ss, construction. This is on a 4’ x 8’ skid to make it portable and convenient to fit into a small space. The system has a Goulds 9SH, 3500 RPM pump. This small vertical filter allows for small batches of products to be filtered. Because of the small filter with only about five small leaves, it does not have a vibrator for cake removal, but instead it can be opened quickly and the leaves will have an area for rapping with a mallet for cake removal. The bottom dump hinged, weighted lid opens for the spent cake to be dumped into a small movable hopper. Filter Area = 45 Ft², Filter Capacity = 110 Gallons, Precoat Tank Capacity = 160 Gallons, Wetted Parts are 304 S/S Please allow 10-12 weeks for delivery.</td>
</tr>
<tr>
<td>5547</td>
<td>Membrane Filter</td>
<td>Industrieterrein Belgium</td>
<td>Membrane Filter with hydraulic press and polypropylene plates. Supplied by DeSmet, built by Welders. Built 1985. Model OMF-1200, S/N 81630. 1000 square ft. filter area. 3” inlet/outlet. 51” W x 24’ L x 90” H. Bed is 15’ long. Uses 47” x 47” x 3.5” polypropylene plates. 64 plates included. Built for 6 bar. 5.5kW, 440V, 3 Phase 50 Hz. Ram Info: Model CE 200.140.900KT5A. Co. No. 406383. Design No. 114357C. 900mm length. Includes manual for installation, operation, and maintenance. This filter will need new controls - we can furnish if desired. Price includes removal &amp; loading. Available immediately.</td>
</tr>
<tr>
<td>7161</td>
<td>Motorized Strainer</td>
<td>Fluid Engineering</td>
<td>Fluid Engineering Strainer Model 793, S/N 2519, Size 10, Max Pressure 150, Temp 32-150°F</td>
</tr>
<tr>
<td>C510</td>
<td>Rotary Vacuum Filter</td>
<td>Bird</td>
<td>Bird rotary vacuum filter, stainless steel frame, stainless steel drum - approx diameter 5 ft. Installed - never piped up, never used. Vacuum pump is in poor shape, probably only good for the core.</td>
</tr>
<tr>
<td>5638</td>
<td>Sock Filter - Horizontal</td>
<td>Industrial</td>
<td>Industrial Horizontal Sock Filter, Multi-Bag Model O, Series 30-37-36, Type 123.944, Serial No. F-15586. Thirty inches diameter x 37 socks x 36 inches long. Carbon Steel Shell with Stainless Baskets. With 3” Inlet / 2” Outlet Conn. Last used in edible food service.</td>
</tr>
<tr>
<td>Asset</td>
<td>Name</td>
<td>Manufacturer</td>
<td>Description</td>
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</tr>
<tr>
<td>5639</td>
<td>Sock Filter - Horizontal</td>
<td>Industrial</td>
<td>Industrial Horizontal Sock Filter, Multi-Bag Model O, Series 30-37-36, Type 123.944, Serial No. 2723-F20008, Built 1983. Thirty inches diameter x 37 socks x 36 inches long. Carbon Steel Shell with Stainless Baskets. With 3” Inlet / 2” Outlet Conn. Last used in edible food oil service.</td>
</tr>
<tr>
<td>5641</td>
<td>Sock Filter - Horizontal</td>
<td>Industrial</td>
<td>Industrial Horizontal Sock Filter, Multi-Bag Model O, Series 30-37-36, Type 123.944, Serial No. 1095-F13502, Built 1972. Thirty inches diameter x 37 socks x 36 inches long. Carbon Steel Shell with Stainless Baskets. With 3” Inlet / 2” Outlet Conn. Last used in edible food oil service.</td>
</tr>
<tr>
<td>5642</td>
<td>Sock Filter - Horizontal</td>
<td>Industrial</td>
<td>Industrial Horizontal Sock Filter, Multi-Bag Model O, Series 30-37-36, Type 123.944, Serial No. F-16808, Thirty inches diameter x 37 socks x 36 inches long. Carbon Steel Shell with Stainless Baskets. With 3” Inlet / 2” Outlet Conn. Last used in edible food oil service.</td>
</tr>
<tr>
<td>5643</td>
<td>Sock Filter - Horizontal</td>
<td>Industrial</td>
<td>Industrial Horizontal Sock Filter, Multi-Bag Model O, Series 30-37-36, Type 123.944, Serial No. 1093-F16500, Built 1972. Thirty inches diameter x 37 socks x 36 inches long. Carbon Steel Shell with Stainless Baskets. With 3” Inlet / 2” Outlet Conn. Last used in edible food oil service.</td>
</tr>
<tr>
<td>5644</td>
<td>Sock Filter - Horizontal</td>
<td>Industrial</td>
<td>Industrial Horizontal Sock Filter, Multi-Bag Model O, Series 30-37-36, Type 123.944. Thirty inches diameter x 37 socks x 36 inches long. Carbon Steel Shell with Stainless Baskets. Last used in edible food oil service.</td>
</tr>
<tr>
<td>5645</td>
<td>Sock Filter - Horizontal</td>
<td>Industrial</td>
<td>Industrial Horizontal Sock Filter, Multi-Bag Model O, Series 30-37-36, Type 123.944, Serial No. 3130-F20300, Built 1987. Thirty inches diameter x 37 socks x 36 inches long. Carbon Steel Shell with Stainless Baskets. With 3” Inlet / 2” Outlet Conn. Last used in edible food oil service.</td>
</tr>
<tr>
<td>5646</td>
<td>Sock Filter - Horizontal</td>
<td>Industrial</td>
<td>Industrial Horizontal Sock Filter, Multi-Bag Model O, Series 30-37-36, Type 123.944, Serial No. 2733-F19961, Built 1982. Thirty inches diameter x 37 socks x 36 inches long. Carbon Steel Shell with Stainless Baskets. With 3” Inlet / 2” Outlet Conn. Last used in edible food oil service.</td>
</tr>
<tr>
<td>5647</td>
<td>Sock Filter - Horizontal</td>
<td>Industrial</td>
<td>Industrial Horizontal Sock Filter, Multi-Bag Model O, Series 30-37-36, Type 123.944, Serial No. 2842-F20053, Built 1984. Thirty inches diameter x 37 socks x 36 inches long. Carbon Steel Shell with Stainless Baskets. With 3” Inlet / 2” Outlet Conn. Last used in edible food oil service.</td>
</tr>
<tr>
<td>5648</td>
<td>Sock Filter - Horizontal</td>
<td>Industrial</td>
<td>Industrial Horizontal Sock Filter, Multi-Bag Model O, Series 30-37-36, Type 123.944, Serial No. 3143-F20161, Built 1987. Thirty inches diameter x 37 socks x 36 inches long. Carbon Steel Shell with Stainless Baskets. With 3” Inlet / 2” Outlet Conn. Last used in edible food oil service.</td>
</tr>
<tr>
<td>5649</td>
<td>Sock Filter - Horizontal</td>
<td>Industrial</td>
<td>Industrial Horizontal Sock Filter, Multi-Bag Model O, Series 30-37-36, Type 123.944. Serial 2844-F20055. Built 1984. Thirty inches diameter x 37 socks x 36 inches long. Carbon Steel Shell with Stainless Baskets. With 3” Inlet / 2” Outlet Conn. Last used in edible food oil service.</td>
</tr>
<tr>
<td>5650</td>
<td>Sock Filter - Horizontal</td>
<td>Industrial</td>
<td>Industrial Horizontal Sock Filter, Multi-Bag Model O, Series 30-37-36, Type 123.944. Built 1982. Thirty inches diameter x 37 socks x 36 inches long. Carbon Steel Shell with Stainless Baskets. With 3” Inlet / 2” Outlet Conn. Last used in edible food oil service.</td>
</tr>
<tr>
<td>Asset</td>
<td>Name</td>
<td>Manufacturer</td>
<td>Description</td>
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</tr>
<tr>
<td>5651</td>
<td>Sock Filter - Horizontal</td>
<td>Industrial</td>
<td>Industrial Horizontal Sock Filter, Multi-Bag Model O, Series 30-37-36, Type 123.944, Serial 1097F-1650. MAWP 70 psi @ 180F. Built 1972. Thirty inches diameter x 37 socks x 36 inches long. Carbon Steel Shell with Stainless Baskets. With 3&quot; Inlet / 2&quot; Outlet Conn. Last used in edible food oil service.</td>
</tr>
<tr>
<td>5652</td>
<td>Sock Filter - Horizontal</td>
<td>Industrial</td>
<td>Industrial Horizontal Sock Filter, Multi-Bag Model O, Series 30-37-36, Type 123.944, Built 1984. Thirty inches diameter x 37 socks x 36 inches long. Carbon Steel Shell with Stainless Baskets. With 3&quot; Inlet / 2&quot; Outlet Conn. Last used in edible food oil service.</td>
</tr>
<tr>
<td>5653</td>
<td>Sock Filter - Horizontal</td>
<td>Industrial</td>
<td>Industrial Horizontal Sock Filter, Multi-Bag Model O, Series 30-37-36, Type 123.944. Thirty inches diameter x 37 socks x 36 inches long. Carbon Steel Shell with Stainless Baskets. With 3&quot; Inlet / 2&quot; Outlet Conn. Last used in edible food oil service.</td>
</tr>
<tr>
<td>5654</td>
<td>Sock Filter - Horizontal</td>
<td>Industrial</td>
<td>Industrial Horizontal Sock Filter, Multi-Bag Model O, Series 30-37-36, Type 123.944. Thirty inches diameter x 37 socks x 36 inches long. Carbon Steel Shell with Stainless Baskets. With 3&quot; Inlet / 2&quot; Outlet Conn. Last used in edible food oil service.</td>
</tr>
<tr>
<td>5655</td>
<td>Sock Filter - Horizontal</td>
<td>Industrial</td>
<td>Industrial Horizontal Sock Filter, Multi-Bag Model O, Series 30-37-36, Type 123.944, Built 1972. Thirty inches diameter x 37 socks x 36 inches long. Carbon Steel Shell with Stainless Baskets. With 3&quot; Inlet / 2&quot; Outlet Conn. Last used in edible food oil service.</td>
</tr>
<tr>
<td>5656</td>
<td>Sock Filter - Horizontal</td>
<td>Industrial</td>
<td>Industrial Horizontal Sock Filter, Multi-Bag Model O, Series 30-37-36, Type 123.944, Built 1977. Thirty inches diameter x 37 socks x 36 inches long. Carbon Steel Shell with Stainless Baskets. With 3&quot; Inlet / 2&quot; Outlet Conn. Last used in edible food oil service.</td>
</tr>
<tr>
<td>5657</td>
<td>Sock Filter - Horizontal</td>
<td>Industrial</td>
<td>Industrial Horizontal Sock Filter, Multi-Bag Model O, Series 30-37-36, Type 123.944, Serial No. F-15586. Thirty inches diameter x 37 socks x 36 inches long. Carbon Steel Shell with Stainless Baskets. With 3&quot; Inlet / 2&quot; Outlet Conn. Last used in edible food oil service.</td>
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<tr>
<td>5658</td>
<td>Sock Filter - Horizontal</td>
<td>Industrial</td>
<td>Industrial Horizontal Sock Filter, Multi-Bag Model O, Series 30-37-36, Type 123.944, Serial No. 2716-F19945, Built 1982. Thirty inches diameter x 37 socks x 36 inches long. Carbon Steel Shell with Stainless Baskets. With 3&quot; Inlet / 2&quot; Outlet Conn. Last used in edible food oil service.</td>
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<td>5659</td>
<td>Sock Filter - Horizontal</td>
<td>Industrial</td>
<td>Industrial Horizontal Sock Filter, Multi-Bag Model O, Series 18-13-36, Serial No. F-16952. 18 inches diameter x 13 socks x 36 inches long. Carbon Steel Shell with Stainless Baskets. With 2&quot; Inlet/Outlet Flanged Conn. Last used in edible food oil service.</td>
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<tr>
<td>5660</td>
<td>Sock Filter - Horizontal</td>
<td>Industrial</td>
<td>Industrial Horizontal Sock Filter, Multi-Bag Model O, Series 24-21-36, Type 123.944, Serial No. F-16072. 24 inches diameter x 21 socks x 36 inches long. Carbon Steel Shell with Stainless Baskets. With 2&quot; Inlet/Outlet Flanged Conn. Last used in edible food oil service.</td>
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<tr>
<td>5661</td>
<td>Sock Filter - Horizontal</td>
<td>Industrial</td>
<td>Industrial Horizontal Sock Filter, Multi-Bag Model O, Series 24-21-36, Type 123.944. Serial No. F-16068. 24 inches diameter x 21 socks x 36 inches long. Carbon Steel Shell with Stainless Baskets. With 2&quot; Inlet/Outlet Flanged Conn. Last used in edible food oil service.</td>
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<td>5663</td>
<td>Sock Filter - Horizontal</td>
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<td>Industrial Horizontal Sock Filter, Multi-Bag Model O, Series 24-21-36, Type 123.944. 24 inches diameter x 21 socks x 36 inches long. Carbon Steel Shell with Stainless Baskets. Last used in edible food oil service.</td>
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### Heat Exchanger

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<tr>
<th>Heat Exchanger</th>
<th>20 Items</th>
<th>Description</th>
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<th>Location</th>
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<tbody>
<tr>
<td>31-E-620</td>
<td>Compressor Oil Cooler</td>
<td>Ruffneck Fin Tube air radiator cooler, Amb Air, Oil 180/170F. Rated at 250/FV at 250F, carbon steel. Part of Compressor 31-K-140, not sold separately</td>
<td>2009</td>
<td>Soperton, GA</td>
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<tr>
<td>41-M-604</td>
<td>Compressor Oil Cooler Fan/Motor</td>
<td>Compressor Oil Cooler Fan/Motor. Part of Compressor 41-K-140, not sold separately</td>
<td>2009</td>
<td>Soperton, GA</td>
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<tr>
<td>21-E-288</td>
<td>Heat exchanger - Fin Tube</td>
<td>Koch hairpin heat exchanger - Fin Tube</td>
<td>Soperton, GA</td>
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<tr>
<td>31-E-208</td>
<td>Heat Exchanger, Hairpin</td>
<td>Heat exchanger, hairpin design built by Koch Heat Transfer Company in 2009 - 298 sq ft heat exchange area. Rated at 1.811.69 MM BTU/hr, ASME MAWP tubes 400 psig/FV at 350F and shell 305 psig at 250F, Nat'l Bd# 19195, s/n 12110-09-2-01. Water 90/110F, Syn Gas 300/110F. 0.75/0.065, 2950 #. Tubes 304SS, shell cs, size 8 in dia, schedule 40. Used as 2nd Stage Booster Intercooler</td>
<td>2009</td>
<td>Soperton, GA</td>
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<tr>
<td>31-E-228</td>
<td>Heat Exchanger, Hairpin</td>
<td>Koch Heat Exchanger - hairpin design 162 sq ft surface area. Designed for 1.04 MM BTU/hr, Syn Gas 300/110F, Water 90/110F. 0.75/0.083, 2790 #. ASME MAWP shell 800 psig/FV at 350F, tubes 615 psig at 250F, Nat'l Bd# 19197, s/n 12110-09-4-01. Material 8 inch carbon steel. Built by Koch Heat Transfer Company in 2009 - used only 42 days - like new. Used as 4th Stage Booster Spillback Cooler.</td>
<td>2009</td>
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<tr>
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<tr>
<td>E-1503A</td>
<td>Heat Exchanger, Plate &amp; Frame SS</td>
<td>Alfa Laval</td>
<td>Alfa Laval Alfa Nova stainless steel heat exchanger. Type 400-168H. S/N 19034213. Built in 2010. MAWP 232 PSI @ 482 F. MDMT -155 F @ 232 PSI. Volume 16.22 gallons. Last used as a rectified alcohol exchanger. 765 sq. ft. surface area. Last used in 2012</td>
<td>2010</td>
</tr>
<tr>
<td>E-1513</td>
<td>Heat Exchanger, Plate &amp; Frame SS</td>
<td>APV</td>
<td>APV stainless steel plate &amp; frame heat exchanger. Built in 1995. S/N 30325.1. MAWP 200 PSI @ 320 F. MDMT -20 F @ 200 PSI. Surface area: 280 sq. ft. 2” inlets/outlets. Includes 153 316SS plates at 0.6mm thick. Last used as a product cooler for ethanol. Dry weight 1,090 lbs. See drawing for more information.</td>
<td>1995</td>
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<tr>
<td>31-E-188</td>
<td>Heat Exchanger, shell &amp; tube</td>
<td>Heat Exchanger Design Inc.</td>
<td>Shell &amp; tube heat exchanger. Rated at 4.02 MMBTU/hr, HP Solvent 36/102, Lean Solvent 21/46@. S&amp;T BU, 5861 sq ft, 0.75/0.083&quot;, 38250 #. Manufactured by Heat Exchanger Design in 2009 - ran only 42 days - like new. ASME MAWP 450/FV at 350F, Nat'l Bd# 2891, s/n 4015. Physical size 38” dia X 28”. Material KCS (killed carbon steel). Used as Solvent / High Pressure Liquid Exchanger on fp311.</td>
<td>2009</td>
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<tr>
<td>41-E-112</td>
<td>Heat Exchanger, shell &amp; tube</td>
<td>HED</td>
<td>Heat exchanger loop condenser designed for 98 MMBTU/hr, Water 90/110F, Reactor Effluent 300/105F. Shell &amp; Tube design - TEMA AEU. U-tube Heat transfer area 2151 sq ft, ASME MAWP tubes 1650 psig/FV at 385F, shell 150 psig at 250F. Nat'l Bd # 2932, serial# 4017C. Material 304LSS tubes/CS shell. There are 325 tubes sized 5/8” OD with 0.065” wall, Tubes are 304L stainless, Physical size 25” dia x 20 ft. Manufactured by Heat Exchanger Design (HED) in 2009. Physical weight 16,620 pounds. Ran 42 days - like new. (Part of module fp413)</td>
<td>2009</td>
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<tr>
<td>31-E-234</td>
<td>Heat Exchanger, shell &amp; tube</td>
<td>Precision Pipe &amp; Vessel</td>
<td>Shell &amp; Tube heat exchanger, Rated at 0.364 MMBTU/hr, Treated Gas 21/100F, Raw Syn Gas 110/64F. S&amp;T NEN, 280 sq ft. 0.75/0.065, 3237 #. Physical size 10 in dia x 23 in tall for 8 gallon capacity. ASME MAWP 800/FV at 350F. Manufactured by Precision Pipe &amp; Vessel (PPV) in 2009. Material tubes 304SS/shell CS. Used for Gas Clean-up Feed/Effluent Exchanger. Part of fp311</td>
<td>2009</td>
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<tr>
<td>31-E-236</td>
<td>Heat Exchanger, shell &amp; tube</td>
<td>Precision Pipe &amp; Vessel</td>
<td>Shell &amp; tube heat exchanger, Rated at 1.44 MMBTU/hr, 80 PSIG Stm 324/307F, HP Solvent 102/125F. S&amp;T NEN, 93 sq ft. 0.75/0.083, 1913 #. Manufactured by Precision Pipe &amp; Vessel in 2009 - ran only 42 days - like new. ASME rated at 200/FV at 350F. Physical size 10 in dia X 8.5’. Material carbon steel. Used as High Pressure Liquid Heater on fp311</td>
<td>2009</td>
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<td>Asset</td>
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<tr>
<td>V-1659</td>
<td>Reboiler Vessel</td>
<td>Rosenblad</td>
<td>Rosenblad reboiler vessel. Vertical falling film design. Built in 2003. Size 5.5 ft diameter x 48 ft s/s with 10 ft skirt for OAH 60.25 ft. Shell thickness 5/8 in. 8,700 gallon capacity with 5,532 sq. ft. heat transfer area. Shell Material SA-516-70. Plates and contact material stainless 304. S/N A-0139-1. Internal MAWP 220 PSI @ 500F / External MAWP full vacuum @ 500F. Internal MDMT -20F @ 200 PSI / External MDMT 220 PSI @ -20F. Dry weight 30,000 lbs. See drawings for more information.</td>
<td>2003</td>
</tr>
<tr>
<td>7108</td>
<td>Scraped Surface Heat Exchanger</td>
<td>Votator</td>
<td>Votator Scraped Surface Heat Exchanger 6x72 single barrel. Model 6SSHE, S/N 90294EC, Mfg Number 00-17418, A5136. All wetted surfaces are stainless steel 304, barrel is Chromium plated Nickle. Has fours rows of ss blades (24 total). MAWP tube 400 psi at 375F/-20F, jacket 150 psig at 375F/-20F. Heat exchange surface area 9 cu ft. Volume in tube (product) 910 cu in, volume in jacket 2,000 cu in. Driven by 20HP motor 1755 rpm/222 rpm out. Physical weight of cylinder &amp; tube is 1150 pounds. Total weight with frame &amp; motor is approx 2500 pounds.</td>
<td>1990</td>
</tr>
<tr>
<td>T637</td>
<td>Shell &amp; Tube Heat Exchanger SS</td>
<td>Doyle &amp; Roth</td>
<td>Doyle &amp; Roth Stainless steel shell &amp; tube heat exchanger. Built 1992. ASME NB# 16051, Serial no. J7042-1. Material 304SS tube and shell. MAWP shell - 150 psi @ 400F, tube - 250 psi @ 400F. TEMA Type BEU. &quot;U&quot; design, 2 pass tube. Surface area 109 sq. ft. Drawing #B9064, PO 31941. Oil on tube side, steam on shell side. Used as edible oil deodorizer trim heater operating at 70 gpm. Size is 10.75&quot; dia x 9.5' long. Total weight: 925 lbs each. See drawing for details. Photos show heat exchangers in As Is condition - we can recondition these.</td>
<td>1992</td>
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<tr>
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<td>Level Switch, Ultrasonic</td>
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<td>S2406</td>
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<td>S4305</td>
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**Lab**

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<tr>
<td>SJ225</td>
<td>Fisher Scientific centrifuge, Centrific. Model 228. Cat No. 4-978-228, ser No. 20800862. 115 volts. Mini-benchtop centrifuge has stainless steel motor shaft with permanently lubricated ball bearing for extended life. Fixed angle rotor running at 3300 rpm. Capacity: 90ml (6 visla at15 ml each)</td>
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<td>S1202C</td>
<td>International Equipment Co. clinical centrifuge. Model CL. No: 9022E.</td>
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<tr>
<td>SJ230</td>
<td>Pierce Chemical Silli-Therm heating module #19791, serial 494. To accommodate Silli-Bar and React-Bar heating blocks. Size 11 x 8 x 4 inches high. 120 volts, 425 watts. Solid state control. Temp 25 - 200 degree C. NEW, in box. Never used</td>
</tr>
<tr>
<td>S4407</td>
<td>Fairbanks lab scale, Model SL600, serial 11956. Max capacity 600g, increments 0.01 grams. Used</td>
</tr>
<tr>
<td>S4406</td>
<td>Mettler PJ4000 lab scale, serial H73772. Used</td>
</tr>
<tr>
<td>S3205</td>
<td>Mettler Toledo InTap 565 portable dissolved oxygen analyzer. Used</td>
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<tr>
<td>SJ219</td>
<td>Fisher Scientific IsoTemp stirrer. Ceramic 10x10 Stir plate. Cat 11-600-100S, serial 405N0083. 120 Volts.</td>
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<tr>
<td>SJ208</td>
<td>Pressure Gauge</td>
</tr>
<tr>
<td>21-VV-156</td>
<td>Shut Off Valves</td>
</tr>
</tbody>
</table>

**Plants**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Built</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>7410</td>
<td>Biodiesel Plant 15 MGY Greenline Biodiesel plant rated for 15 MGY (million gallons per year). Complete plant including land, rail siding, rail &amp; truck loading, 13 tanks. Two separate complete biodiesel trains - a 5 MGY system and a 10MGY system. All electrical, lab, utilities, and auxiliaries. Plant is a Greenline design capable of running multi feedstocks. It ran animal fat during its production. The 10MGY train was added new in 2008 - plant has been idle since 2009. Can be run in place. If moved, removal is extra. Land size is approx. 240 ft x 650 ft for 3.5 acres. Much more information available in our Virtual Data Room (VDR). Please ask for an invitation.</td>
<td>2007</td>
<td>Missouri</td>
</tr>
<tr>
<td>7470</td>
<td>Biodiesel Plant 1MGY Raptor Technology Biodiesel plant with nameplate capacity of 1 MGY (1 million gallons of biodiesel per year). Designed by Raptor Technology. Built to run used cooking oil (yellow grease) and brown grease as feedstock. Production began mid 2011 - plant was idled in 2012. Offered as Asset Sale for complete plant equipment. Can also be sold as complete plant to operate in place, or to relocate. We can provide photos and description of each component on request.</td>
<td>2011</td>
<td>Savannah, GA</td>
</tr>
<tr>
<td>7460</td>
<td>Biodiesel Plant 40 MGY SAFER Biodiesel plant nameplate rated at 40 million gallons per year (40 MGY). Excellent access to Mississippi River docks and rail. One pipeline already built to docks for barge traffic. Can handle 100 car unit trains if needed on main dead-end track. Convenient to I-40, I-55, and the Memphis-Little Rock gateway. Designed and built by Safer - starting in 2007, finishing in 2012. Plant has proved operation at 20 MGY and can operate to 27.5 MGY (335 days). Improvements to water separation should take it to nameplate capacity. Built for degummed soybean oil as feedstock. Includes 38 acres, tanks, lab, buildings, all utilities (boiler, chiller, cooling tower, air compressors). All automatic operation (only 3 men/shift total) utilizing Allen Bradley Logix plc on a SCADA system. Complete information regarding operation is available in our Virtual Data Room (VDR).</td>
<td>2012</td>
<td>Helena, AR</td>
</tr>
<tr>
<td>Asset</td>
<td>Name</td>
<td>Manufacturer</td>
<td>Description</td>
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<tr>
<td>7121</td>
<td>Biodiesel Plant 7 MGPY</td>
<td>Bionerg, S.A.</td>
<td>Biodiesel plant - NEW, never used except to run test trials and prove biodiesel production. Rated at 7 Million gallon per year. Built 2009. Designed for degummed soybean oil input. Produces 6,470 #/hr of B100 + 847 #/hr of concentrated glycerin. Built and designed by Bionerg (ePlus), S.A. Argentina. Biodiesel train skidded - ready to load. Includes Hurst firetube boiler, unload &amp; load systems, Glycerin system. Set up to meet spec ASTM D6751. Price includes all equipment, control system and control logic. Removal and Loading costs not included.</td>
</tr>
<tr>
<td>5766</td>
<td>Bleach System 150 MTPD</td>
<td>DeSmet</td>
<td>Stainless steel continuous bleaching system, capacity up to 150 MTPD. Includes DeSmet stainless steel 2,000 gallon bleacher with demister pads, (2) LFC Lochem vertical filters with 38 sq m surface area each, 1 pumps. Built in 1985. See the schematic and flyer for more details. Does not include the vacuum system but we can provide a new update vacuum system, and also an updated earth handling system. Approximate area needed: 15 ft x 20 ft for bleaching system &amp; filters plus 10 ft x 10 ft for earth handling. Two floors. Price includes removal and loading on your trucks or containers.</td>
</tr>
<tr>
<td>7421</td>
<td>Crush Extraction Plant 240 TPD</td>
<td>Bionerg - Argentina</td>
<td>Mechanical extraction plant built to crush soybean. The crush plant was finished in 2008, ran 1,000,000 bushels of soybean in 2009 and was then idled. It is designed by Bionerg to run 9,000 kg/hr (~240 tons per day) soybeans with 2% impurities maximum. The designed output is 14% degummed oil and 82% high fat soybean meal. Includes a degumming system which produces the oil suitable for biodiesel production. The meal has residual fat of 6-8% which makes it ideal to sell to nearby chicken farms as feed. There is no issue getting beans to run in the plant and the owner states they could easily sell all the meal they made. There are three 125,000 bushel grain bins and one meal bin for storage. The plant also includes a very nice office building, truck scale, meal loadout, GSI vertical grain dryer, oil tank farm (with six 25,000 gallon tanks), oil loadout, all electrical &amp; controls, air compressor, and boiler. There are 3 production lines, each with 2 IMDB EX 1605 extruders and 1 MACOEX PTE 30 press. The programming and the plant are still supported. Ideal to purchase with land to run in place. Co-Located with 7 MGY biodiesel plant - can be purchased as a package.</td>
</tr>
<tr>
<td>7420</td>
<td>Feedstock Refinery 230 MTPD</td>
<td></td>
<td>Oil &amp; Fats feedstock refinery - for cleaning up lower cost oils such as UCO, animal fat, poultry fat for use as a low cost feedstock to the biodiesel industry or animal feed industry. Built 2011, produced in 2012 - now idle. Total nameplate capacity is 230 MTPD (21,000 pounds/hr); Produces 191 MT/day of clean oil (low in ffa, moisture, phosphatides, solids) and 4.5 MT/day of free fatty acids (ffa). Complete plant is available for purchase - sits on 5 acres of a 20 acre plot. All 20 acres are for sale. Has truck loading spots, separate truck unloading spots, and 2 rail sidings. Includes all utilities, tank farm, 2 boilers, buildings, complete auto control with Allen Bradley RS Logix plc system. Positioned in the Southeast and can inexpensively provide feedstock for plants in that area.</td>
</tr>
<tr>
<td>Asset</td>
<td>Name</td>
<td>Manufacturer</td>
<td>Description</td>
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<tr>
<td>6530</td>
<td>Hydrogen Gas Plant 90,000 scfh</td>
<td>Hydro-Chem</td>
<td>Hydrogen generating plant engineered by Hydro-Chem built in 1980. Design capacity is 90,000 scfh at 200 psig with a purity of 99.99% pure hydrogen - was running on 10 of its 20 tubes for 45,000 scfh capacity. Reformer can be fired on natural gas or propane - same burner. Waste heat boiler generating 3,000 to 5,000 #/hr export steam at 250 psig. PSA plant (4 psa vessels replaced in 1998) with Jamesbury valves kept up to date, Quench pot design. Plant completely intact except for small natural gas compressor. Has new tubes, new reformer and shift converter catalyst. Five (5) spare tubes available. Plant has just recently shut down in mid 2012, and proper shutdown procedures were followed - still under nitrogen blanket. Reformer tubes are 6.625&quot; OD, 5.25&quot; ID, 30.825&quot; long and made of alloy HP50 (also known as 25/35).</td>
</tr>
<tr>
<td>fp100</td>
<td>Methanol Mixed Alcohols Plant</td>
<td></td>
<td>Mixed Alcohols and/or Crude Methanol Production: Partial Plant &amp; System: LIKE NEW - only ran 42 days. Surplus to the ongoing operation. Produced Mixed Alcohols. Catalytic Conversion of Organic Alcohols. Designed for 125 TPD woody biomass input, for 5 MGY (million gallons per year) methanol output. Plant was designed to convert biomass gas into organic alcohols using the Fischer-Tropsch Process. It is a pentane based batch azeotrope separation system. The wood yard &amp; gasifier system are not part of this sale. However, most Fischer-Tropsch process equipment and systems downstream are included: Metso feeder system, Quench, Gas Cleanup, Compression (2 sets), Catalytic Converter, Alcohol cooling/compression. Equipment was purchased in 2009 and installed in 2009/2010. Manuals, drawings available. Price includes all interconnecting piping, structure, and instruments, but does not include removal. We can remove and load for you if desired. See flyer for complete arrangement and details.</td>
</tr>
<tr>
<td>7018</td>
<td>Refinery-Bleach-Deodorizer 20 MTPD</td>
<td>DeSmet Rosedowns</td>
<td>Complete Refinery - NEW. Capacity 20-40 MTPD (Can be modified to get 40-80 MTPD). This plant was installed in 2002-2003 but was never started up. Manufactured by DeSmet Rosedowns. Includes neutralizing, bleaching, deodorizing plus steam boiler 300HP. This is a batch type system. Includes the following: 1. Batch Bleacher / Neutralizer Vessel, 2. Batch Deodorizing Unit, 3. Steam Generator 300HP Reconditioned York Shipley Firetube Boiler (natural gas for US firing), 4. Crude Oil Heel Tank, 5. Bleaching Earth Hopper, 6. Vacuum Tank DeSmet 841-A, 7. Soap stock storage tank, 8. Lot of structures, platforms and supports included, 9. All drawings, manuals and related information included, 10. The PFD drawing shows in red the minor items that are missing that will have to be replaced. Pumps are included (motors missing). Cost includes removal. Ready to ship - Loading fee will apply.</td>
</tr>
<tr>
<td>6576</td>
<td>Air Cannon</td>
<td>Stanam Industries</td>
<td>Airchoc AC 4 air cannon. Built by Stanam Industries. This air cannon is built specifically to blow a small amount of air into your silo or hopper to break up funnels and bridges of powdery substances. Capacity: 7 cubic ft @14.7 psi, 57.5 cubic ft @ 120 psi. 8&quot; outlet diameter. Dimensions: 46&quot;L x 27&quot;W x 36&quot;H. 58 lbs. Suitable to use for all clogging issues. Easily installed and very good reliability. Operating manual included.</td>
</tr>
<tr>
<td>Asset</td>
<td>Name</td>
<td>Manufacturer</td>
<td>Description</td>
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</tr>
<tr>
<td>6592</td>
<td>Air Cannon</td>
<td>Stanam Industries</td>
<td>Airchoc AC 4 air cannon. Built by Stanam Industries. This air cannon is built specifically to blow a small amount of air into your silo or hopper to break up funnels and bridges of powdery substances. Capacity: 7 cubic ft @14.7 psi, 57.5 cubic ft @ 120 psi. 8” outlet diameter. Dimensions: 46”L x 27”W x 36”H. 58 lbs. Suitable to use for all clogging issues. Easily installed and very good reliability. Operating manual included.</td>
</tr>
<tr>
<td>7140</td>
<td>Barometric Condenser</td>
<td>Kinema</td>
<td>Kinema barometric condenser for thin film dryer. Model 844062-PY. Last used as 1st barometric on #4 thin film dryer</td>
</tr>
<tr>
<td>5718</td>
<td>Bleacher - 150 TPD Stainless</td>
<td>DeSmet</td>
<td>DeSmet stainless steel vacuum bleacher for continuous bleaching. Total capacity is 150 tons per day. Size 5' diameter with 3.5” insulation, 14’ tall. Demister pad section 4’ diameter x 5’ tall. OAH 19 feet. Includes 2 centrifugal 3”x2”pumps. Includes 2 Krohne stainless steel mechanical flowmeters, one 1” and one 2”. Includes additional side mounted small vessel and RTD for level control. Small vessel dimensions 1’ diameter x 8’ tall with 2” inlet. Includes 2 Masonelain stainless steel 2” pneumatic control valves. Includes operators manual. Part of bleacher system item 5766.</td>
</tr>
<tr>
<td>21-V-281</td>
<td>Blowdown Drum</td>
<td>Precision Pipe &amp; Valve</td>
<td>Pressure Vessel used as Flue Gas HRSG steam blowdown drum. Material: SS304. Rated at 150 psig at 600F. Physical size is 2 ft dia x 8 ft long for capacity of 185 gallons. Manufactured by Precision Pipe &amp; Valve (PPV) in 2009.</td>
</tr>
<tr>
<td>B-600A</td>
<td>Booster Blower</td>
<td></td>
<td>Model WE330x92.S/N 33648, 33” backward incline impeller rated flow 15,755 ACFM, Driven by 60hp motor. Picks up vapors from centrifuge, evap, distillation, and fermentation and boosts to RTO. Does not include starter.</td>
</tr>
<tr>
<td>41-CA-168</td>
<td>Catalyst - Methanol</td>
<td>Sud Chemie</td>
<td>MegaMax 700 by Sud Chemie, 4 drums of Catalyst - New drums &quot;Methanol Catalyst&quot; - New drums. Note: Inventory not verified - These catalyst drums may not be available;</td>
</tr>
<tr>
<td>41-CA-196</td>
<td>Catalyst - Sulfur Guard Bed</td>
<td>Haldor Topsoe</td>
<td>Catalyst - 2 drums of sulfur guard by Haldor Topsoe HTZ-4, 80-90% zinc oxide and 10-15% aluminum oxide, ans 2 drums of Haldor Topsoe A/S. Alumina: 7 drums of alumina support balls packing rings. Catalyst: 3 drum TotsuCat AMA-1 catalyst. New drums</td>
</tr>
<tr>
<td>41-R-168</td>
<td>Catalytic Converter Reactor</td>
<td>Wagner</td>
<td>Catalytic Converter designed for 3.9 MMBTU/hr. Design specifications are for 14,500 gallons/day crude methanol or 12,500 gal/day mixed alcohols. Mfg by Wagner Plate Works in 2009. Size approx 7 ft dia ID x 17 ft s/s x 30 ft overall height for approximately 7,800 gallons capacity - tube bed approx 17 ft long. Has 1.028 x 1-1/2” tubes Sch 80 stainless steel TP304L, shell cs 516-70 4 inch thick. ASME Nat'l Bd 55, MAWP 2250 psig/FV at 650 F. Converter currently loaded with approx 150 cu ft methanol catalyst - Sud Chemie MegaMax 700. Still installed - price does not include removal. Note: we have the complete reactor module as well with all pieces shown in photos plus instruments - see asset ID FP411.</td>
</tr>
<tr>
<td>21-B-608</td>
<td>Centrifugal Blower</td>
<td>New York Blower</td>
<td>Centrifugal blower mfg by New York Blower. This is a 30 CI fan belt-driven by 7.5HP Baldor motor, 2000 cfm at 800F, 7.5 s.p. This fan is in excellent condition, having run only 42 days. Built 2008. Removed - ready to load.checked</td>
</tr>
<tr>
<td>21-P-304A</td>
<td>Centrifuge feed pump</td>
<td></td>
<td>30 HP; 1800 RPM; Rated head: 22 psi; 260 gpm flow; 304 SS</td>
</tr>
<tr>
<td>21-P-304B</td>
<td>Centrifuge feed pump</td>
<td></td>
<td>30 HP; 1800 RPM; Rated head: 22 psi; 260 gpm flow; 304 SS</td>
</tr>
<tr>
<td>Asset</td>
<td>Name</td>
<td>Manufacturer</td>
<td>Description</td>
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<tr>
<td>31-K-216</td>
<td>Compressor 1750HP  2500 psig</td>
<td>Toromont</td>
<td>Gas compressor skid with White Superior Frame 72 - (2) cylinder rated at 2500 psig at 300F, 1750 HP. White Superior W72 compressor with two cylinders. Cylinder 1 is 8&quot; bore x 7&quot; stroke MAWP 1650 psig, Cylinder 2 is 5.5&quot; bore x 7&quot; stroke MAWP 2500 psig. Includes remanufactured Reliance rebuilt motor Frame 9240, Volts 4160, Type P, RPM 895, HP 1750. Rebuilt and tested in 2009 - ran 42 days - like new. Complete skid packaged by Toromont includes 4 damper bottles and all compressor auxiliaries. Used as 3rd &amp; 4th stage Booster Compressor. Last used as SynGas 3rd &amp; 4th stage Booster Compressor for complete module fp315 running at 110F and 346 psig at 14,475 #/hr on Stage 3 - and 207F 346 psig and 17,907 #/hr on Stage 4. Still installed - price does not include removal. For all components, enter K216 in search box.</td>
</tr>
<tr>
<td>31-V-132</td>
<td>Compressor dampener pressure vessel</td>
<td>Toromont</td>
<td>Compressor dampener pressure vessel - ASME MAWP 225 psig at 350F, Nat'l Bd# 1300. Carbon steel. Built by Toromont in 2009 - ran only 42 days - like new. Used as 1st stage booster suction bottle. Part of Compressor 31-K-120, not sold separately.</td>
</tr>
<tr>
<td>31-V-136</td>
<td>Compressor dampener pressure vessel</td>
<td>Toromont</td>
<td>Compressor dampener pressure vessel - ASME MAWP 215/FV at 350F, Nat'l Bd# 1301, s/n 09-112. Carbon steel. Built by Toromont in 2009 - Used as 1st stage booster discharge bottle. Part of Compressor 31-K-120 not sold separately.</td>
</tr>
<tr>
<td>31-V-144</td>
<td>Compressor dampener pressure vessel</td>
<td>Toromont</td>
<td>Compressor dampener pressure vessel - ASME MAWP 425 psig at 250F, Nat'l Bd# 1302, s/n 09-113. Carbon steel. Built by Toromont n 2009 - Last used as 2nd stage booster suction bottle. Part of Compressor 31-K-120, not sold separately.</td>
</tr>
<tr>
<td>31-V-160</td>
<td>Compressor dampener pressure vessel</td>
<td>Toromont</td>
<td>Compressor dampener pressure vessel - ASME MAWP 1285 psig/FV at 350F, Nat'l Bd# 1304, s/n 09-115. Built by Toromont in 2009 - was run 42 days - like new. Carbon steel. Used as 3rd stage booster suction bottle. Part of Compressor 31-K-216, not sold separately.</td>
</tr>
<tr>
<td>Asset</td>
<td>Name</td>
<td>Manufacturer</td>
<td>Description</td>
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<tr>
<td>31-V-172</td>
<td>Compressor dampener pressure vessel</td>
<td>Toromont</td>
<td>Compressor dampener pressure vessel - ASME MAWP 1850 psig/FV at 250F, Nat'l Bd# 1306, s/n 09-117. Carbon steel. Used as 4th stage booster suction bottle. Part of Compressor 31-K-216, not sold separately</td>
</tr>
<tr>
<td>41-V-148</td>
<td>Compressor dampener pressure vessel</td>
<td>Toromont</td>
<td>Horizontal pressure vessel compressor dampener. Built by Toromont in 2009 - used 42 days: Like New. ASME MAWP 1850 psig at 350F, Nat'l Bd# 1309, s/n 09-120. Physical size 16” dia x 60” for 50 gallon capacity. Used as Synloop Compressor Discharge Bottle 1. Part of compressor 41-K-140, not for sale separately.</td>
</tr>
<tr>
<td>41-V-156</td>
<td>Compressor dampener pressure vessel</td>
<td>Toromont</td>
<td>Horizontal pressure vessel compressor dampener. Built by Toromont in 2009 - used 41 days: Like New. ASME MAWP 1850 psig at 350F, Nat'l Bd# 1310, s/n 09-122. Physical size 16” dia x 60” for capacity of approx 50 gallons. Used as Synloop Compressor discharge dampener bottle #2. Part of compressor 41-K-140, not for sale separately.</td>
</tr>
<tr>
<td>41-V-144</td>
<td>Compressor dampener pressure vessel</td>
<td>Toromont</td>
<td>Horizontal pressure vessel compressor dampener. Built by Toromont in 2009 - used 42 days: Like New. ASME MAWP 1850 psig at 350F, Nat'l Bd# 1308, s/n 09-119. Physical size 16” dia x 60”. Used as Synloop Compressor Suction Bottle 1. Part of compressor 41-K-140, not for sale separately.</td>
</tr>
<tr>
<td>41-V-152</td>
<td>Compressor dampener pressure vessel</td>
<td>Toromont</td>
<td>Horizontal pressure vessel compressor dampener. Built by Toromont in 2009 - used 41 days: Like New. ASME MAWP 1650 psig at 250F, Nat'l Bd# 1299, s/n 09-121. Physical size 16” dia x 60”. Used as suction dampener (on top - stage 1). Part of compressor 41-K-140, not for sale separately.</td>
</tr>
<tr>
<td>31-P-628A</td>
<td>Compressor Lube Utility Pump</td>
<td>Toromont</td>
<td>Compressor Lube Utility Pump. Part of compressor 31-K-120, not sold separately.</td>
</tr>
<tr>
<td>31-P-628</td>
<td>Compressor Lube Utility Pump</td>
<td>Toromont</td>
<td>Compressor Lube Utility Pump. Part of compressor 31-K-216, not sold separately</td>
</tr>
<tr>
<td>31-MT-620</td>
<td>Compressor Oil Cooler Fan/Motor</td>
<td>Toromont</td>
<td>Compressor Oil Cooler Fan/Motor. Part of compressor 31-K-120, not sold separately</td>
</tr>
<tr>
<td>31-MT-604</td>
<td>Compressor Oil Cooler Fan/Motor</td>
<td>Toromont</td>
<td>Compressor Oil Cooler Fan/Motor. Part of compressor 31-K-216, not sold separately</td>
</tr>
<tr>
<td>31-P-624</td>
<td>Compressor Pre Lube Pump</td>
<td>Toromont</td>
<td>Compressor Pre Lube Pump. Part of compressor 31-K-120, not sold separately</td>
</tr>
<tr>
<td>31-P-608</td>
<td>Compressor Pre Lube Pump</td>
<td>Toromont</td>
<td>Compressor Pre Lube Pump. Part of compressor 31-K-216, not sold separately</td>
</tr>
<tr>
<td>31-MT-624</td>
<td>Compressor Pre Lube Pump Motor</td>
<td>Toromont</td>
<td>Compressor Pre Lube Pump Motor. Part of compressor 31-K-120, not sold separately</td>
</tr>
<tr>
<td>31-MT-608</td>
<td>Compressor Pre Lube Pump Motor</td>
<td>Toromont</td>
<td>Compressor Pre Lube Pump Motor. Part of compressor 31-K-216, not sold separately</td>
</tr>
<tr>
<td>Asset</td>
<td>Name</td>
<td>Manufacturer</td>
<td>Description</td>
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<tr>
<td>21-V-240</td>
<td>Condensate Separator</td>
<td></td>
<td>Size: 3’0&quot; Dia. X 22’2&quot; F-S; 150 psig full vac @ 350°F; Vessel Volume: 1157 gal; Carbon Steel</td>
</tr>
<tr>
<td>7472</td>
<td>Deodorizer Vessel SS</td>
<td></td>
<td>500 Gallon Deodorizer Vessel</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Size: 42 in Dia by 7 ft sidewall with dished top and bottom heads</td>
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<td></td>
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<td></td>
<td>Rating: Full Vacuum at 500 F</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>MOC: 304L SS, Coils: 304L SS Sch 80 pipe rated 150 psig at 300 F for Cooling Water with 15 turns</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Sparger Coil: 304 L with 3 turns and 10 - 1/8&quot; holes facing down</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Nozzles: 2 in Oil Inlet, 2 in Oil Outlet, 1 in Temperature Transmitter, 1 in Pressure Transmitter, 8 in Vacuum, 1 in Sample, 18 in Manhole, 2 in sight glass, 1 in CW in, 1 in CW out, 1 in Steam In, 8 in heater flange</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Supports: 4 Lugs</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>All vessels are designed and constructed according to the ASME Boiler &amp; Pressure Vessel Code Section VIII Division I, but will NOT be 'U' stamped. In addition, the system and components are designed to facilitate maintenance where required. Delivery: 8 to 12 weeks after final drawing approval. Photo is not actual Deodorizer Vessel - similar item shown for reference only.</td>
</tr>
<tr>
<td>11-V-152</td>
<td>Dividing Bin</td>
<td>Metso</td>
<td>Dividing Bin mfg by Metso. Contains a vertical bin with two horizontal screw feeders at 180 degrees from each other. Stainless 304SS. ASME, operating pressure 150 psi at 366°F. Designed to divide a vertical flow of particles such as wood chips evenly into two opposing horizontal flows. The vertical flow dividing bin has a top mounted agitator 15HP, and is physical size is 29-1/2/35-1/3&quot; dia x 8' 2-3/8&quot; tall, pressurized shell with manhole. Each screw feeder auger has variable pitched flights, 316L driven by a Toshiba 20HP motor, 460V, 60HZ, 20HP, 1750 RPM, Screw Speed: 11 RPM. Each screw housing size is 12&quot; dia x 9' 6&quot; long. Like new - ran only 42 days. Removed and ready to load on your truck. Checked</td>
</tr>
<tr>
<td>41-ED-638</td>
<td>Eductor</td>
<td></td>
<td>Eductor. Suction gas flow 125 lb/hr, Rated at 200 psig at 250°F. Last used as Line Flash Eductor. Paret of FP413</td>
</tr>
<tr>
<td>41-ED-100</td>
<td>Eductor</td>
<td></td>
<td>Eductor. Capacity 5500 #/h, 600 gpm. Last used as Start-up Steam Heater. Part of reactor module FP411, not sold separately</td>
</tr>
<tr>
<td>21-ED-156B</td>
<td>Eductor Venturi Scrubber</td>
<td></td>
<td>Eductor - Size: 4’0” O.D. x 5’7 13/16” High; 80 psig, Vessel Volume 848 gal; 304SS. In quench module</td>
</tr>
<tr>
<td>B-1809</td>
<td>Exhaust Blower</td>
<td>Meissner &amp; Wurst</td>
<td>Flash Cooler Exhaust Fan manufactured by Meissner &amp; Wurst Type V29/RU 900R. Designed for 16.7 cu m/sec flow - Driven by Reliance Electric duty master 200HP, 1785 RPM, Model 5312A, Hastings, NE</td>
</tr>
<tr>
<td>H2036</td>
<td>Filter sock</td>
<td></td>
<td>Filters for polish filter. 9 boxes of 25 bags each. Bags measure 2 ft 5 in long.</td>
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</table>

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<table>
<thead>
<tr>
<th>Asset</th>
<th>Name</th>
<th>Manufacturer</th>
<th>Description</th>
<th>Built</th>
<th>Location</th>
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<tr>
<td>31-K-120</td>
<td>Gas Compressor</td>
<td>Toromont</td>
<td>Gas Compressor skid Two Stage rated at 425 psig at 300F, with 1750HP motor. White Superior W72 compressor with two cylinders. Cylinder 1 is 21-3/4&quot; bore x 7&quot; stroke MAWP 225 psig. Cylinder 2 is 15-7/8&quot; stroke x 7&quot; stroke MAWP 425 psig. Includes remanufactured Reliance motor Frame 9240, Volts 4160, Type P, RPM 895, HP 1750. Complete skid assembled by Toromont in 2009 and ran only 42 days like new. Last used as SynGas 1st &amp; 2nd stage Booster Compressor for complete module fp314 running at 104F and 51 psig at 14,475 #/hr on Stage 1 - and 240F 350 psig and 14,475 #/hr on Stage 2. Compressor has been removed - ready to load. Price INCLUDES loading. For all components, enter K120 in search box.</td>
<td>2009</td>
<td>Soperton, GA</td>
</tr>
<tr>
<td>21-glycol</td>
<td>Glycol Cooling Skid</td>
<td></td>
<td>Glycol cooling &amp; recirculation skid. Includes glycol tank 2'x2'x6' for capacity of 180 gallons, (2) centrifugal recirculation pumps with 3HP Baldor motors, AKG Thermal System air radiator - all on a heavy duty skid approx 4' wide x 6' long. Built 2009. Like new - only ran 42 days.</td>
<td>2009</td>
<td>Soperton, GA</td>
</tr>
<tr>
<td>21-E-184</td>
<td>LP Flash Gas Condenser</td>
<td></td>
<td>3.47 MMBTU/hr; Shell Side 150 psig @250°, Carbon Steel; Tube side: 150 psig &amp; FV @ 350°F; 304 SS</td>
<td>Soperton, GA</td>
<td></td>
</tr>
<tr>
<td>21-seal</td>
<td>Oil Recirculation Skid</td>
<td></td>
<td>Skid mounted seal oil or lube oil recirculation &amp; cooling skid. Includes (2) hydraulic/oil pumps with 6HP Baldor motors, AKG Thermal System air radiator, hydraulic oil tank 2'x4'x2' for 120 gallon capacity. All mounted on heavy duty skid - approx size 6' wide x 8' long. Built 2009, like new only used 42 days.</td>
<td>2009</td>
<td>Soperton, GA</td>
</tr>
<tr>
<td>11-AG-148</td>
<td>Plug Screw Feeder</td>
<td>Metso</td>
<td>Plug Screw Feeder manufactured by Metso Paper. Serial #ATLF100351. The auger screw has been removed - we are selling the heavy duty frame, the 200HP motor, and the Heavy duty Falk gearbox model 425A2C, input rpm 1170, output 84 rpm. Approx size of frame is 6' wide x 12' long. The motor and gearbox are like new - only ran 42 days. Built 2009. 460V, 60HZ, 200HP. Removed and ready to load - no charge for loading or removal.</td>
<td>2009</td>
<td>Soperton, GA</td>
</tr>
<tr>
<td>Asset</td>
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<td>Description</td>
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<tr>
<td>7415</td>
<td>Pulverizer Mill</td>
<td>Bepex</td>
<td>Pulvocron, a combination pulverizer and classifier built by Bepex in Minneapolis, MN. This piece does not include the classifier. This airsweept pulverizer has external fineness adjustment during operation. Size PC76. Model PC-76-A. Powered by GE Electric AC motor, 500HP, 1780 rpm, 460 volts/3/60. Frame 8288S. Mill rated at 600HP, classifier rated at 50 HP. Air movement between 70,000 to 100,000 acfm. This versatile Pulvocron can pulverize in the medium fine, fine, and ultra-fine particle size ranges down to 10 micron top size with only minor adjustment. Actual housing and mechanical moving parts are all stainless steel. Pulvocron is used in a lot of flour/rice operations. This was removed from a flour plant and was still in use at the time of shut down. Pulvocron was removed early 2013 and the plant was idled in 2010. Physical size 113&quot; x 197&quot; x 161&quot;, weight with motor 35,400 pounds</td>
<td>Illinois</td>
<td></td>
</tr>
<tr>
<td>21-V-236</td>
<td>Quench LP Flash Drum</td>
<td></td>
<td>Size: 3'-6&quot; Diam x 19'-9&quot; High; 150 psig and FV@350°F; Vessel Volume: 1293 gal; SA-240-304L. Price does not include removal or loading</td>
<td>Soperton, GA</td>
<td></td>
</tr>
<tr>
<td>21-V-280</td>
<td>Quench Separator</td>
<td></td>
<td>Size: 4'0&quot; O.D., 29' 3.5&quot; (T-T); 80 psig, Vessel Volume 2863 gal; 304L SS</td>
<td>Soperton, GA</td>
<td></td>
</tr>
<tr>
<td>5715</td>
<td>Retention Mixers (2)</td>
<td>Alfa Laval</td>
<td>Alfa Laval vertical retention mixers. Model RM250. Built in June 2000. Job 119171. S/N SF-688C-01 &amp; SF-688C-10. Frame S/N 415 &amp; 416. ASME Nat'l Board #381 &amp; 382. Manufactured and certified by Ross Engineering, Savannah, GA. MAWP shell 200 PSI @ 300F. MDMT shell -20F @ 200 PSI. Ross 15 HP explosion proof mixer and gear unit, output at 245 RPM. 4' flange to seam. 3' diameter. 7' overall vessel height. 109&quot; total height with mixer. 4&quot; inlet/outlet. 3&quot; stainless connecting pipes to allow for bypass and interconnection. U-1 form available. Weight empty is 3,115 pounds. These units are priced and only sold as a pair - includes all valves and manifolds. Available on or after mid 2016</td>
<td>2000 Kingston, Jamaica</td>
<td></td>
</tr>
<tr>
<td>H119</td>
<td>Rotary Valve Airlock</td>
<td>Kice</td>
<td>Kice rotary airlock. NEW. Model VJ 20 x 15 x 15. RA# 9175. Built by Rotary Airlock LLC in 2012. Max temp 120F. Radial clearance .005 to .008. Axial clearance .005 to .008</td>
<td>2012 Grant City, MO</td>
<td></td>
</tr>
<tr>
<td>H2017</td>
<td>RTO Blower Fan Wheel</td>
<td></td>
<td>Spare used fan for item K-675 CECO regenerative thermal oxidizer. RTO FAN CW ROTATION 4-7/16&quot; SHRINK BORE FIT Part number 33646. Part of RTO - not sold separately</td>
<td>Hastings, NE</td>
<td></td>
</tr>
</tbody>
</table>

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<tbody>
<tr>
<td>7145</td>
<td>Scrapped Surface Heat Exchanger</td>
<td>Votator</td>
<td>Cherry Burrell Votator Scrapped Surface Heat Exchanger 6x72 single barrel - Reconditioned. S/N 3455353. Direct Driven by 20HP motor, 1755 rpm/230 rpm out. All wetted surfaces are stainless steel 304, barrel is Chromium plated Nickel. Has 4 rows of ss blades (24 total). MAWP shell 250 psig at 375F/-20F, jacket 150 psig at 375F/-20F. Heat exchange surface area 9 cu ft. Gear reducer Reynold ser No. 3455353, size 5. ratio 7.63:1, output 230 rpm. Volume in tube (product) 880 cu in, volume in jacket 1080 cu in. Physical weight of cylinder &amp; tube is 1100 pounds. Total weight with frame &amp; motor is approx 2500 pounds. Price includes removal, reconditioning, &amp; loading on your truck This unit will be reconditioned - cleaned, painted, inspected, new seal, new bearings - 3 month guarantee material and workmanship. New blades and barrel re-chrome are extra options.</td>
<td>Grant City, MO</td>
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</tr>
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</tr>
<tr>
<td>FP147</td>
<td>Screw</td>
<td>Metso</td>
<td>Screw for Metso screw plug feeder (Asset ID 11-AG-148). NEW - spare</td>
<td>Soperton, GA</td>
<td></td>
</tr>
<tr>
<td>21-P-264A</td>
<td>Scrubber Recirc Pumps</td>
<td></td>
<td>40 HP; 1800 RPM; Rated head: 145 psi; 250 gpm flow; 304SS</td>
<td>Soperton, GA</td>
<td></td>
</tr>
<tr>
<td>21-P-264B</td>
<td>Scrubber Recirc Pumps</td>
<td></td>
<td>40 HP; 1800 RPM; Rated head: 145 psi; 250 gpm flow; 304SS</td>
<td>Soperton, GA</td>
<td></td>
</tr>
<tr>
<td>41-V-192</td>
<td>Scrubber Vessel</td>
<td>Precision Pipe &amp; Vessel</td>
<td>Suction scrubber with demister pads. Mfg by Precision Pipe &amp; Vessel in 2009 - like new. ASME MAWP 1650 internal/15 psig external at 250F. Nat'l Bd 880, serial CV-0881. Material 304LSS/CS. Physical size 42&quot;dia x 8'10&quot; for 92.2 cf or 635 gallons Includes mist eliminator, Armistco mist eliminator. MAWP 1650/FV at 250F. Last used as Synloop Compressor Suction Scrubber, part of FP414</td>
<td>2009</td>
<td>Soperton, GA</td>
</tr>
<tr>
<td>31-V-180</td>
<td>Separator Vessel</td>
<td>Precision Pipe &amp; Vessel</td>
<td>Separator vessel. ASME MAWP 800/Fv at 250F, Nat'l Bd# 877, s/n CV-0505?. Manufactured by Precision Pipe &amp; Vessel (PPV) in 2009 - ran only 42 days - like new. Used for chilled Syngas separation on Module fp311</td>
<td>2009</td>
<td>Soperton, GA</td>
</tr>
<tr>
<td>41-V-184</td>
<td>Separator Vessel</td>
<td>Precision Pipe &amp; Vessel</td>
<td>High Pressure Separator built by Precision Pipe &amp; Vessel in 2009. ASME MAWP 1650 psig/Fv at 250F. SA516-70N. Includes mist eliminator, Koch-Glitsch mist eliminator. Rated for 1650 psig/Fv at 250F. Separator physical size 42&quot; dia x 8'-10&quot; for 92.2 cf. (Part of module fp214)</td>
<td>2009</td>
<td>Soperton, GA</td>
</tr>
<tr>
<td>41-V-188</td>
<td>Separator Vessel</td>
<td>Precision Pipe &amp; Vessel</td>
<td>Separator vessel built by Precision Pipe &amp; Vessel in 2009. ASME MAWP 200 psig/Fv at 250F. Nat'l Bd# 876, sn CV-0880. Material SA-106. Physical size 24&quot;dia x 10'9&quot; for 33cf or 250 gallons. Includes mist eliminator, Koch-Glitsch mist eliminator. Rated for 1650 psig/Fv at 250F. Material 304LSS/CLast used for Low Pressure Separator. (Part of module fp414)</td>
<td>2009</td>
<td>Soperton, GA</td>
</tr>
<tr>
<td>41-V-630</td>
<td>Steam Blowdown Drum</td>
<td>PPV Precision Pipe &amp; Vessel</td>
<td>Steam drum manufactured by Precision Pipe &amp; Vessel in 2009. ASME MAWP 150 psig/FV at 550F, Nat'l Bd# 893, s/n CV-0893. Material is SA312-TP347. Physical size is 24&quot;dia x 8'-6&quot; s/s, OAH 11'-10&quot; for capacity of 185 gallons. Used as a steam blowdown drum</td>
<td>2009</td>
<td>Soperton, GA</td>
</tr>
<tr>
<td>41-V-180</td>
<td>Steam Drum</td>
<td>Nebraska Boiler</td>
<td>Steam drum by Nebraska Boiler, built 2009. Horizontal, ASME Nat'l Bd# 877, MAWP 800 psig/FV at 350F, Stainless steel SA-312-304. Physical size 42&quot; dia x 120&quot; s/s x 0.5&quot; shell (11'-3&quot; OAL) for 107cf or 720 gallons. Used as Catalytic Converter steam drum. Part of Catalytic Converter module FP411 - not sold separately.</td>
<td>2009</td>
<td>Soperton, GA</td>
</tr>
<tr>
<td>Asset</td>
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<td>Manufacturer</td>
<td>Description</td>
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<tr>
<td>41-V-196</td>
<td>Sulfur Guard Bed Vessel</td>
<td>PPV Precision Pipe &amp; Vessel</td>
<td>Sulfur guard bed vertical vessel. ASME Nat'l Bd 897. MAWP 1650 at 550F, s/n CV-0891. Mfg by Precision Pipe &amp; Vessel in 2009 - used only 42 days - like new. Material is carbon steel SA-516 70N. Physical size is 4’ dia x 14’-4” s/s, approx 23 ft OAH for a capacity of 1410 gallons. Loaded with Haldor Topsoe HTZ-4 sulphur absorption catalyst.</td>
<td>2009</td>
<td>Soperton, GA</td>
</tr>
<tr>
<td>41-T-604</td>
<td>Surge Tank</td>
<td>TESA</td>
<td>Surge Tank. Physical size 12”x12”x72” tall for a capacity of 42 gallons. Material carbon steel. Part of Synloop compressor 41-K-140, not sold separately.</td>
<td>2009</td>
<td>Soperton, GA</td>
</tr>
<tr>
<td>C761</td>
<td>Thin Film Evaporator Dryer</td>
<td>Cherry Burrell</td>
<td>Cherry Burrell thin film dryer, Model 24-144. Scraped wall, wiped film evaporator, Heat transfer area is 71 sq ft. All contact surfaces are 304 stainless steel. Two section dryer designed for steam in jacket. Drive motor 25 HP at top. ASME NB # 1060, Mfg sn # A4688 36060EA. MAWP shell F.V. at 400F, jacket 150 psig at 400F. Does not include vacuum system. Physical size 24” dia x 144” tall for OAH 228 inches. Weight empty 10,200 pounds. Removed and ready to load - price includes loading on your truck. We can recondition for you to manufacturers specs for additional.</td>
<td>1988</td>
<td>Jacksonville, IL</td>
</tr>
<tr>
<td>7111</td>
<td>Thin Film Evaporator Dryer</td>
<td>Cherry Burrell</td>
<td>Cherry Burrell Thin film evaporator 36-144. Turba Film Processor wiped film evaporator. Scraped surface area 106 sq ft. Model 36-144, S/N 90294EA, Mfg # A5184. All contact surfaces are 304 stainless steel. Has 2 sections, designed for steam in jacket. ASME MAWP shell FV at 400F, jacket 150 psig at 400F. Nat'l Bd # 1184. Driven by 40 HP motor 1182 rpm in/260 rpm at dryer. Physical size 36” dia x 144” tall for 252 inches OAH. Weight of dryer only empty 13,200 pounds. Dryer includes 2 stage steam ejector vacuum system. We can offer a dryer package with steam ejector vacuum system, feed pump, and discharge pump (see asset 7122). Equipment has been removed and is ready to load on your truck - price includes removal &amp; loading. We can also offer in reconditioned state.</td>
<td>1991</td>
<td>Ft Worth, TX</td>
</tr>
<tr>
<td>7112</td>
<td>Thin Film Evaporator Dryer</td>
<td>Cherry Burrell</td>
<td>Cherry Burrell Thin film evaporator 36-144. Turba Film Processor wiped film evaporator. Scraped surface area 106 sq ft. Model 36-144, serial 35463EA, mfg number A4128. All contact surfaces are 304 stainless steel. Has 2 sections, designed for steam in jacket. ASME MAWP shell FV at 400F, jacket 150 psig at 400F. Nat'l Bd # 925. Includes Nash Kinema 2-stage steam ejector vacuum system. Driven by 40 HP motor 1182 rpm in/260 rpm at dryer. Physical size 36” dia x 144” tall for 252 inches OAH. Weight of dryer only empty 13,200 pounds. We can offer a dryer package with steam ejector vacuum system, feed pump, and discharge pump (see asset 7122). Equipment has been removed and is ready to load on your truck - price includes removal &amp; loading. We can also offer in reconditioned state.</td>
<td>1984</td>
<td>Ft Worth, TX</td>
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<tr>
<td>7135</td>
<td>Thin Film Evaporator Dryer</td>
<td>Votator</td>
<td>Cherry Burrell Thin film evaporator 36-144. Turba Film Processor wiped film evaporator. Scraped surface area 106 sq ft. Model 36-144, serial 35465EA, Mfg # A4154. All contact surfaces are 304 stainless steel. Has 2 sections, designed for steam in jacket. ASME MAWP shell FV at 400F, jacket 150 psig at 400F. Nat'l Bd # 927. Belt Driven by 40 HP motor 1182 rpm in/260 rpm at dryer (missing motor). Physical size 36” dia x 144” tall for 252 inches OAH. Weight of dryer only empty 13,200 pounds. Equipment has been removed and is ready to load on your truck - price includes removal &amp; loading. We can also offer in reconditioned state.</td>
<td>1984</td>
<td>Grant City, MO</td>
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<tr>
<td>Asset</td>
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<td>Description</td>
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<tr>
<td>7141</td>
<td>Thin Film Evaporator</td>
<td>Votator</td>
<td>Cherry Burrell Thin film evaporator 36-144. Turba Film Processor wiped film evaporator. Serial no. A4156. Scrapped surface area 106 sq ft. Model 36-144. All contact surfaces are 304 stainless steel. Has 2 sections, designed for steam in jacket. ASME National Board # 929., ASME MAWP shell FV at 400F, jacket 150 pspg at 400F. Direct Driven through a Nord 6.74:1 gear reducer by 40 HP motor 1182 rpm in/260 rpm at dryer. Has a standard mechanical seal. Physical size 36&quot; dia x 144&quot; tall for 252 inches OAH. Weight of dryer only empty 13,200 pounds. Equipment has been removed and is ready to load on your truck - price includes removal &amp; loading. We can also offer in reconditioned state.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7144</td>
<td>Vacuum Steam Ejector</td>
<td>Kinema</td>
<td>Kinema 2-stage steam ejector vacuum system. New - not used. Master serial number 8633562. Includes &quot;W&quot; booster ejector, &quot;1&quot; barometric condenser, and &quot;X&quot; secondary ejector.</td>
<td>1984</td>
<td>Grant City, MO</td>
</tr>
<tr>
<td>7114</td>
<td>Vacuum System</td>
<td>Gardner Nash Kinema</td>
<td>2 Stage steam ejector vacuum system. Gardner Nash Kinema Master Serial number 844042: barometric condenser PY, 1st stage steam ejector Y, intercondenser YZ, and 2nd stage steam ejector Z. Gardner Nash Kinema project #1961499, sales order # 1407528. Last used with a thin film dryer. System removed and ready to load.</td>
<td>Ft Worth, TX</td>
<td></td>
</tr>
<tr>
<td>7115</td>
<td>Vacuum System</td>
<td>Nash Kinema</td>
<td>2 Stage steam ejector vacuum system. Nash Kinema Master serial # 844402, serial number for the set 9104082. Barometric condenser PY, 1st stage steam ejector Y, intercondenser YZ, 2nd stage steam ejector Z. Last used with a thin film dryer - removed and ready to load.</td>
<td>Ft Worth, TX</td>
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</table>

### Pump

<table>
<thead>
<tr>
<th>Pump</th>
<th>43 Items</th>
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<tr>
<td>7137G</td>
<td>Centrifugal Pump</td>
</tr>
<tr>
<td>7139B</td>
<td>Centrifugal Pump</td>
</tr>
<tr>
<td>7137B</td>
<td>Centrifugal Pump</td>
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<tr>
<td>7137C</td>
<td>Centrifugal Pump</td>
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<tbody>
<tr>
<td>7137D</td>
<td>Centrifugal Pump</td>
<td>Durco Flowserve</td>
<td>Flowserve Corporation Durco Mark III Pump, Equipment No. PUR-147B, Size 1K1.5X1-62/62RY, 1.5x1, Alloy D4, Base 148, MDP 275, Serial No 468524; Baldor Super E Cat. No EM3769T, Spec 07H02W280, Frame 213T, 7.5 HP TEFC, sn F899, Volts 230/460, 17.2/8.6 Amps; 3525 RPM, 60 Hz, 3 phase; Capacity Approx 50 to 100 gpm at 100 to 50 ft TDH</td>
<td>Grant City, MO</td>
<td></td>
</tr>
<tr>
<td>7137E</td>
<td>Centrifugal Pump</td>
<td>Durco Flowserve</td>
<td>Flowserve Corporation Durco Mark III Pump, Equipment No. PUR-141, Size 1K3X2-62/45RY, D4 Alloy, Base 148, MDP 275, Serial No. 468516; Baldor Super-E Cat. No. EM3769T, Spec 07H02W280, Frame 213T, 7.5 TE HP, sn F899, Volts 230/460, 17.2/18.6 Amps; 3525 RPM, 3 phase; Capacity Approx 100 to 300 gpm at 100 to 50 ft TDH</td>
<td>Grant City, MO</td>
<td></td>
</tr>
<tr>
<td>7137F</td>
<td>Centrifugal Pump</td>
<td>Durco Flowserve</td>
<td>Flowserve Corporation Durco Mark III Pump, Equipment NO. PUR-157A, Size 1K3X2-62/56RV, D4 Alloy, Base 148, MDP 275, Serial No. 468525; Baldor Super-E Cat. No. EM3771V, Spec 07H02V279, Frame 215T, 10 TE HP, sn F999, 230/460 volts, 23.8/11.9 amps, 3525 RPM, 60 Hz, 3 Phase; Capacity Approx 100 to 300 gpm at 100 to 50 ft TDH</td>
<td>Grant City, MO</td>
<td></td>
</tr>
<tr>
<td>7096</td>
<td>Centrifugal Pump</td>
<td>Goulds</td>
<td>Goulds centrifugal pump. Model 3196 ST. 7.5 HP Motor @ 3530 RPM. Size 1x1.5-8. 100 GPM Capacity. 5.8&quot; impeller diameter.</td>
<td>Ft Worth, TX</td>
<td></td>
</tr>
<tr>
<td>7097</td>
<td>Centrifugal Pump</td>
<td>Goulds</td>
<td>Goulds centrifugal pump. Model 3196 ST, S/N 439660. 7.5 HP Motor @ 3530 RPM. Size 1x1.5-8 (1K1.5X1-82/64RV). 100 GPM Capacity. 5.8&quot; impeller diameter.</td>
<td>Ft Worth, TX</td>
<td></td>
</tr>
<tr>
<td>7098</td>
<td>Centrifugal Pump</td>
<td>Goulds</td>
<td>Goulds centrifugal pump. Model 3196 ST, S/N 731F504Y3. 7.5 HP Motor @ 3530 RPM. Size 1x1.5-8. 100 GPM Capacity. 5.8&quot; impeller diameter.</td>
<td>Ft Worth, TX</td>
<td></td>
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<tr>
<td>7137A</td>
<td>Centrifugal Pump</td>
<td>Summit</td>
<td>Summit centrifugal pump. Model 2196. Size 3X4-13. Includes 40HP Baldor electric motor @ 1760 RPM. 230/480V. Price includes loading on your truck</td>
<td>Grant City, MO</td>
<td></td>
</tr>
<tr>
<td>41-P-612</td>
<td>Compressor Lube Utility Pump</td>
<td></td>
<td>Compressor Lube Utility Pump. Wilden 1&quot; air driven. Part of Compressor 41-K-140, not sold separately</td>
<td>2009 Soperton, GA</td>
<td></td>
</tr>
<tr>
<td>41-P-608</td>
<td>Compressor Pre Lube Pump</td>
<td></td>
<td>Compressor Pre Lube Pump. 21.5 gpm. Part of Compressor 41-K-140, not sold separately</td>
<td>2009 Soperton, GA</td>
<td></td>
</tr>
<tr>
<td>41-M-608</td>
<td>Compressor Pre Lube Pump Motor</td>
<td></td>
<td>Compressor Pre Lube Pump Motor. Motor 3HP. Part of Compressor 41-K-140, not sold separately</td>
<td>2009 Soperton, GA</td>
<td></td>
</tr>
<tr>
<td>J1142</td>
<td>Gear Pump</td>
<td>Desmi Rotan</td>
<td>Desmi Rotan internal general purpose gear pump - NEW. Model GP 26 ERM. 1&quot; inlet/outlet, inline. Monoblock cast iron with only 2 moving parts plus mechanical seal. Driven by ABB motor direct coupled 0.65KW (0.85 HP). 460/3/60. This is an internal gear pump that can pump in either direction.</td>
<td>Jacksonville, IL</td>
<td></td>
</tr>
<tr>
<td>4617</td>
<td>Metering Pump Bran &amp; Luebbe</td>
<td>Bran &amp; Luebbe Pump</td>
<td>Bran &amp; Luebbe 3 Head Metering/Proportioning Pump, Type VE-P33, S/N A10507. Driven By 1 HP 3/60/208-230-460 Volt &quot;Wash Down&quot; Motor. Mounted On Stainless Steel Portable Base With Casters and motor starter. Three cylinders driven by common motor and shaft - infinitely variable manual adjustments on each cylinder from 0 to 100% of capacity - can be performed while in operation. Designed for 24 hour continuous service. All wetted parts 316SS, sanitary stainless dairy fittings. Was last used for margarine mixing system. Has 30mm plunger, 1/2 inch connections, running at 120 strokes/min - rated output capacity max is 26.35 gph PER plunger head for a total of 79 gph at pressures up to 305 psig.</td>
<td>Ft Worth, TX</td>
<td></td>
</tr>
<tr>
<td>Asset</td>
<td>Name</td>
<td>Manufacturer</td>
<td>Description</td>
<td>Built</td>
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<tr>
<td>FP132</td>
<td>Multistage Pump</td>
<td>Sulzer</td>
<td>Sulzer pump, New in crate. Sulzer multistage pump size 3&quot;x1-1/2&quot;, model CPT 24-18 designed for 212 gpm at 551 TDH. Used as Lean Solvent Pump</td>
<td></td>
<td>Soperton, GA</td>
</tr>
<tr>
<td>5543</td>
<td>Positive Displacement Pump</td>
<td>Viking</td>
<td>Viking Positive Displacement Gear Pump 2x2. Serial # 10982038. Model L124A. Includes pump, gear unit, 10HP motor, and bedplate. Has 2 inch ports, mechanical seal, and was sized for 135 gpm at 640 rpm. Max pressure is 200 psig. This pump was used on edible food products at Sara Lee Plant for only two months.</td>
<td></td>
<td>Ft Worth, TX</td>
</tr>
<tr>
<td>7099</td>
<td>Positive Displacement Pump</td>
<td>Viking</td>
<td>Viking 5 HP positive displacement pump. Model L125, S/N 10480830. L125 is rated up to 135 gpm. Was running at 9-18 GPM with gearbox at 90 psig. 1740 motor RPM. 2&quot; inlet/outlet.</td>
<td></td>
<td>Ft Worth, TX</td>
</tr>
<tr>
<td>7100</td>
<td>Positive Displacement Pump</td>
<td>Viking</td>
<td>Viking positive displacement pump. Model LQ125, S/N 10622299. LQ125 is rated up to 135 gpm. Was running at 9-18 GPM with gearbox at 90 psig. Driven by 5HP motor at 1740 rpm. 2.5&quot; inlet/outlet.</td>
<td></td>
<td>Ft Worth, TX</td>
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<tr>
<td>7101</td>
<td>Positive Displacement Pump</td>
<td>Viking</td>
<td>Viking 5 HP positive displacement pump. Model KK4125, S/N 2399751. KK4125 is rated up to 100 gpm. Was running at 9-18 GPM with gearbox at 90 psig. 1740 motor RPM. 2&quot; inlet/outlet.</td>
<td></td>
<td>Ft Worth, TX</td>
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<tr>
<td>7102</td>
<td>Positive Displacement Pump</td>
<td>Viking</td>
<td>Viking 5 HP positive displacement pump. Model LQ125, S/N 11340213. LQ125 is rated up to 135 gpm. Was running at 9-18 GPM with gearbox at 90 psig. 1740 motor RPM. 2.5&quot; inlet/outlet.</td>
<td></td>
<td>Ft Worth, TX</td>
</tr>
<tr>
<td>7103</td>
<td>Positive Displacement Pump</td>
<td>Viking</td>
<td>Viking positive displacement pump. Model KK4125, S/N 10124005. KK4125 is rated up to 100 gpm. Was running at 3-18 GPM with gearbox. Driven by 7.5HP motor at 1750 rpm. 2&quot; inlet/outlet.</td>
<td></td>
<td>Ft Worth, TX</td>
</tr>
<tr>
<td>7104</td>
<td>Positive Displacement Pump</td>
<td>Viking</td>
<td>Viking 5 HP positive displacement pump. Model LL124A, S/N 11968660. LL124 is rated up to 140 gpm. Was running at 3-18 GPM with gearbox 1740 Motor RPM. 3&quot; inlet/outlet.</td>
<td></td>
<td>Ft Worth, TX</td>
</tr>
<tr>
<td>7105</td>
<td>Positive Displacement Pump</td>
<td>Viking</td>
<td>Viking 7.5 HP positive displacement pump. Model LL4124A, S/N 12007308. 3-18 GPM, 1760 motor RPM. 3&quot; inlet/outlet. Viking 7.5 HP positive displacement pump with mechanical seal, integral relief valve and gear box. Includes 7.5 HP motor, 460V/3/60 1760 RMP with baseplate and guard. LL4124 is rated up to 140 gpm. Was running at 3-18 GPM. Was in working condition when idled in mid 2013.</td>
<td></td>
<td>Ft Worth, TX</td>
</tr>
<tr>
<td>7106</td>
<td>Positive Displacement Pump</td>
<td>Viking</td>
<td>Viking 7.5 HP positive displacement pump with mechanical seal, integral relief valve and gear box. Model LL4124A, S/N 12037695. Includes 7.5 HP motor, 460V/3/60 1760 RMP with baseplate and guard. LL4124 is rated up to 140 gpm. Was running at 3-18 GPM. Was in working condition when idled in mid 2013.</td>
<td></td>
<td>Ft Worth, TX</td>
</tr>
<tr>
<td>7139G</td>
<td>Positive Displacement Pump</td>
<td>Viking</td>
<td>Viking Pump Model LS127A, Serial No. 11490439, Size 3x3, rated to 200 gpm, S/S, Nominal flow of 160 gpm</td>
<td></td>
<td>Grant City, MO</td>
</tr>
<tr>
<td>7139H</td>
<td>Positive Displacement Pump</td>
<td>Viking</td>
<td>Viking Pump Model LS127A, Serial No. 11082161, 3x3, S/S, Nominal flow of 160 gpm</td>
<td></td>
<td>Grant City, MO</td>
</tr>
<tr>
<td>Asset</td>
<td>Name</td>
<td>Manufacturer</td>
<td>Description</td>
<td>Built</td>
<td>Location</td>
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<tr>
<td>7139I</td>
<td>Positive Displacement Pump</td>
<td>Viking Pump</td>
<td>Viking Pump Model LQ4124R, Serial No. 1702284. Size is 2.5&quot; inlet x 2.5&quot; outlet, cast iron body with mechanical seal. Includes integral relief valve in head, Has gear unit. Nominal flow of 135 gpm, Approx 125 gpm</td>
<td></td>
<td>Grant City, MO</td>
</tr>
<tr>
<td>7137H</td>
<td>Positive Displacement Pump</td>
<td>Viking Pump</td>
<td>Viking Pump Model H124A, Serial # 11417148, 1.5 x 1.5; Falk Ultramite Model 03VCBN2AA3.2N1, S/N 4740023, Date 09/97, Ratio 3.2, Lube 6E, Input rating 3.24 HP @ 1750 RPM; Reliance Electric XE Premium Efficient Volts 230/460, 60 Hz, Cont. Duty, RPM 1755, 3 HP  Approx 15 gpm</td>
<td></td>
<td>Grant City, MO</td>
</tr>
<tr>
<td>7301</td>
<td>Positive Displacement Pump</td>
<td>Viking Pump</td>
<td>Viking Positive Displacement pump - Size 6x6. Model QS4124A, Serial # 12036781. Rated to 500 GPM @ 520 RPM. Bare pump with mechanical seal. No relief valve or motor. Approx. physical weight 540 pounds. This pump is new.</td>
<td></td>
<td>Chattanooga, TN</td>
</tr>
<tr>
<td>S1502B</td>
<td>Pump</td>
<td>Little Giant</td>
<td>Little Giant electric pump. Model 977460. 1/10HP. 115V, 50/60Hz, 1.75A, 178 watts. 2700/3200 RPM.</td>
<td></td>
<td>Jacksonville, IL</td>
</tr>
<tr>
<td>J1143</td>
<td>Pump</td>
<td>Smedegaard</td>
<td>Smedegaard in-line glanded pump, bronze construction - NEW. Model Omega 3-80-2Z. 60 Hz.  .25kw</td>
<td></td>
<td>Jacksonville, IL</td>
</tr>
<tr>
<td>7412</td>
<td>Pump, Split Case</td>
<td>Worthington</td>
<td>Worthington Split case pump. Model 5LN522. Size is 8&quot; x 5&quot; - 22&quot; Impeller, epoxy lined. These pumps have been rebuilt and never were used after rebuild. They were back up fire pumps, so they are high head. Rebuilt by HydroAire Services job # 6082-12-11-11. Note Worthington pumps are now backed by Flowserve. Bare pump only - Quantity (2) available - priced separately.</td>
<td></td>
<td>Illinois</td>
</tr>
<tr>
<td>6574</td>
<td>Split Case Pump</td>
<td>Aurora Pump</td>
<td>Aurora Pump 8&quot; split case centrifugal water pump. No. 91-10426, Type 411 SF. Size 8x8x11B. 2000 GPM. 120 Ft. head. 1750 RPM. Powered by a 75 HP General Electric motor. Model 5K365BL21502, S/N R66141250. 1780 RPM. 230/460V, 3 Ph., 60Hz, 175/88A.</td>
<td>1991</td>
<td>Grant City, MO</td>
</tr>
<tr>
<td>21-P-340A</td>
<td>Trash Pump</td>
<td>Gorman-Rupp</td>
<td>Gorman-Rupp 4x4 self priming centrifugal pump - almost new, ran only 42 days. Model U4A60S-B, includes 7.5HP explosion proof motor - all mounted on base with coupling guard. Built 2010. Pump is ductile iron with 6 vane ductile iron impeller, designed for 300 gpm at 36.5 ft TDH (impeller trimmed to 9.5°). Motor is 7.5HP X-proof, 1200 rpm 3/60/230-480v 1.15 sf. Max operating pressure 128 psi, max solids 1-1/8&quot; dia, max temp 160F. Approx shipping wt. is 1,350 lbs.</td>
<td>2010</td>
<td>Soperton, GA</td>
</tr>
<tr>
<td>21-P-340B</td>
<td>Trash Pump</td>
<td>Gorman-Rupp</td>
<td>Gorman-Rupp 4x4 self priming centrifugal pump - almost new, ran only 42 days. Model U4A60S-B, includes 7.5HP explosion proof motor - all mounted on base with coupling guard. Built 2010. Pump is ductile iron with 6 vane ductile iron impeller, designed for 300 gpm at 36.5 ft TDH (impeller trimmed to 9.5°). Motor is 7.5HP X-proof, 1200 rpm 3/60/230-480v 1.15 sf. Max operating pressure 128 psi, max solids 1-1/8&quot; dia, max temp 160F. Approx shipping wt. is 1,350 lbs.</td>
<td>2010</td>
<td>Soperton, GA</td>
</tr>
<tr>
<td>Asset</td>
<td>Name</td>
<td>Manufacturer</td>
<td>Description</td>
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<tr>
<td>7413</td>
<td>Triplex Plunger Pump, High-Pressure</td>
<td>Woma</td>
<td>Woma High-Pressure Plunger Pump. Type 1502-P20, s/n 0D116061099. Rated at 10.6 gpm (40 l/min). Does not include motor but motor size would be 55 KW (75HP). This is an 02 series line of pumps which meets ATEX and API standards. The lower speed of this pump assures reliability. Features gear box cooling, and an auxiliary shaft if a second pump is to be added. Max. operating pressure 10,875 PSI, Inlet pressure required 30-75 PSI, nominal flow rate 12.7-17.7 USG. (1800 rev./min at 3.69m hd) Motor shaft dia 50mm, plunger shaft diameter is 20mm. This type and brand of pump is very popular in high pressure water jet systems and used in other water tool applications. Pump was reconditioned in 2004 - stored in warehouse controlled environment since then. Approx physical 319 kg. We have the spec sheet from the Woma dealer. They have confirmed that parts and service are still available for this model and are supported. They do still make this pump style 1502 but have not offered it under the plunger size of under 26 since 2009.</td>
<td>Illinois</td>
<td></td>
</tr>
<tr>
<td>P-4300C</td>
<td>Vertical Turbine Pump</td>
<td>Goulds</td>
<td>Goulds Vertical turbine cooling tower pump. 3 stage design. Model VIT-FFFM 16 x 20GHC, 16&quot; discharge x 134 inches total pump length. Installed in 2009. Designed for 7,000 GPM @ 167' head. With 400 HP US Motor electric motor type VHS. 4160V, 52A, 60Hz, 3 phase, 1180 RPM. 134&quot; total pump length.</td>
<td>2009</td>
<td>Grant City, MO</td>
</tr>
<tr>
<td>P-4300A</td>
<td>Vertical Turbine Pump</td>
<td>Worthington</td>
<td>Worthington QL double suction vertical turbine cooling tower pump. Model 12QL147, 3 stage design with 16 inch discharge. Designed for 7,000 GPM @ 167' head. With 400 HP Siemens-Allis motor. 4000V, 52.8A, 60Hz, 3 phase, 1780 RPM. Pump and motor rebuilt in 2009.</td>
<td>2009</td>
<td>Grant City, MO</td>
</tr>
<tr>
<td>P-4300B</td>
<td>Vertical Turbine Pump</td>
<td>Worthington</td>
<td>Worthington QL double suction vertical turbine cooling tower pump. Model 12QL147, 3 stage design with 16 inch discharge. Designed for 7,000 GPM @ 167' head. With 400 HP Siemens-Allis motor. 4000V, 52.8A, 60Hz, 3 phase, 1780 RPM</td>
<td>1985</td>
<td>Grant City, MO</td>
</tr>
</tbody>
</table>

**Refrigeration**

### Items

<table>
<thead>
<tr>
<th>Asset</th>
<th>Name</th>
<th>Manufacturer</th>
<th>Description</th>
<th>Built</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>7298</td>
<td>Chiller 130 Ton</td>
<td>Trane</td>
<td>Trane helical rotary chiller - self-contained unit with condensers. 130 Ton Capacity water cooled chiller Series R Centrivac Model number RTHB130FLBOONW20TOUNN2LF2FVOGU, S/N U94K04062. (See Nomenclature Link for explanation of model number) Standard length shell. Pulls 143 amps, 460 volts, 60 Hz, 3 phase approx 150 HP). Motor and control panel included. Charge is 355 pounds of freon R-22 (not included). Includes direct drive motor. Physical size 8ft-10&quot; long x 5' 4&quot; tall x 2' 10&quot; wide. Weight is approx 5,375 pounds + shipping skid or crate. This unit is used - there is a leak in one of the tubes in one of the heat exchangers; will have to be plugged.</td>
<td>Chattanooga, TN</td>
<td></td>
</tr>
<tr>
<td>Asset</td>
<td>Name</td>
<td>Manufacturer</td>
<td>Description</td>
<td>Built</td>
<td>Location</td>
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<tr>
<td>31-Z-204</td>
<td>Refrigeration Compressor Skid</td>
<td>Industrial Refrigeration Systems</td>
<td>Refrigeration system with Frick 140 ton rotary screw ammonia (R717) compressor with a capacity of 1.68 MMBTU/hr of Syngas at a flow of 101,940 #/hr 46/13F. Motor 250HP 3500rpm 460v/3/60. ASME rated at 450/FV at 350F. Frick ammonia compressor model RXF-101-H, s/n 10240E92525967 with liquid injection cooling. Includes Quantum LX control panel. Water cooled ammonia condensing unit uses 750 gpm water. Includes Evaporator, Condenser, Receiver on skid, auxiliary instruments attached to equipment, structure. Built by Industrial Refrigeration Systems in Aug 2009. Last used for solvent cooling with ammonia in syngas process. Like new - only ran 42 days. Shut down in Jan 2011. Still installed - price does not include removal. For components - enter Z204 in search box.</td>
<td>2009</td>
<td>Soperton, GA</td>
</tr>
<tr>
<td>6631</td>
<td>Refrigeration Suction Regulator Valve</td>
<td>Parker</td>
<td>Parker Suction Regulator A4ADP, Brand New. Includes 100731 - Parker Refrigerating Specialties 1-5/8&quot; opening A4ADP 27 Bar 400 PSIG Dual pressure regulator Fluid Temp range is -50 to 220F, 205209 - Parker Industrial Refrigeration Solenoid Coil 120Volt, 60 Hz 300020 - (Qty. 2) Flange Size No. 50 port 301577 - (Qty. 2) Gasket 2.540 I.D., 3.250 O.D. 201604 - Bolt Package Flange Also: S6A Pilot Solenoid Valve attached -2 available, priced separately.</td>
<td></td>
<td>Jacksonville, IL</td>
</tr>
<tr>
<td>5598</td>
<td>Water Chiller 260 ton</td>
<td>McQuay</td>
<td>Water Chiller. Built by McQuay. Used, in good condition. 260 ton nominal capacity. Model # PEH063-CBA C. Chiller has self-contained single compressor hermetic chiller. The control panel has a Microtech micro-processor. Motor is 460/60/3 (Approx 300HP). This unit uses refrigerant 134A and has 22,190 hours logged with 2331 starts. All service records and manuals are available. Chiller was taken out of service 2010 and stored in protected warehouse - removed and ready for loading. Price includes loading on your truck.</td>
<td></td>
<td>Ft Worth, TX</td>
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</tbody>
</table>

**Spare Parts**

<table>
<thead>
<tr>
<th>Spare Parts</th>
<th>3 Items</th>
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</thead>
<tbody>
<tr>
<td>FP143</td>
<td>Box of compressor parts &amp; tools (2)</td>
</tr>
<tr>
<td>FP135</td>
<td>Gaskets for HEx</td>
</tr>
<tr>
<td>FP144</td>
<td>Refrigeration skid parts</td>
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**System**

<table>
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<tr>
<th>System</th>
<th>16 Items</th>
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<tbody>
<tr>
<td>FP311</td>
<td>Absorber &amp; Gas CleanUp Module</td>
</tr>
<tr>
<td>FP414</td>
<td>Alcohol Cooling &amp; Separation Module</td>
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<tr>
<td>Asset</td>
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<tr>
<td>FP41</td>
<td>Catalytic Conversion System - SynGas</td>
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<tr>
<td>FP411</td>
<td>Catalytic Converter Module</td>
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<tr>
<td>7430</td>
<td>Crush System 250 MTPD High Oil Content</td>
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<tr>
<td>7178</td>
<td>Deodorizer System 150 MTPD</td>
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<td>4560</td>
<td>Filling Line Margarine</td>
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<tr>
<td>FP315</td>
<td>Gas Compressor Module 1750 HP</td>
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<tr>
<td>FP314</td>
<td>Gas Compressor Module 1750HP</td>
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<tr>
<td>7094</td>
<td>Lecithin Degumming 10 TPD (partial)</td>
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<tr>
<td>7292</td>
<td>Regenerative Thermal Oxidizer (RTO)</td>
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<tr>
<td>K-675</td>
<td>Regenerative Thermal Oxidizer (RTO)</td>
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<td>FP413</td>
<td>Syngas Conditioning Module</td>
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<tr>
<td>FP415</td>
<td>Synloop Compression Module</td>
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<td>7122</td>
<td>Thin Film Evaporator Dryer Package</td>
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**Tank, Carbon Steel**

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<tr>
<th>Asset</th>
<th>Name</th>
<th>Manufacturer</th>
<th>Description</th>
<th>Built</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>CT442</td>
<td>Grainer Tank</td>
<td>Henders</td>
<td>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</td>
<td>1980</td>
<td>Kansas City, KS</td>
</tr>
<tr>
<td>Asset</td>
<td>Name</td>
<td>Manufacturer</td>
<td>Description</td>
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</tr>
<tr>
<td>CT447</td>
<td>Grainer Tank</td>
<td>Henders</td>
<td>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</td>
<td>1980</td>
<td>Kansas City, KS</td>
</tr>
<tr>
<td>CT448</td>
<td>Grainer Tank</td>
<td>Henders</td>
<td>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</td>
<td>1980</td>
<td>Kansas City, KS</td>
</tr>
<tr>
<td>CT449</td>
<td>Grainer Tank</td>
<td>Henders</td>
<td>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</td>
<td>1980</td>
<td>Kansas City, KS</td>
</tr>
<tr>
<td>7138</td>
<td>Tank, Cone Bottom</td>
<td></td>
<td>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.</td>
<td></td>
<td>Grant City, MO.</td>
</tr>
<tr>
<td>V-1506</td>
<td>Tank, Horizontal Decanter</td>
<td>Confab</td>
<td>Horizontal carbon steel tank. Decanter and Liquid Knock Out. Built by Confab s/n 64866. ASME Natl 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</td>
<td>1985</td>
<td>Grant City, MO.</td>
</tr>
<tr>
<td>7475</td>
<td>Vertical Tank</td>
<td></td>
<td>Used- Tank, 8,000 Gallon, Carbon Steel, Vertical. Approximate 120&quot; diameter x 160&quot; straight side. Flat top, coned bottom. Insulated with aluminum sheathing. 2&quot; Diameter internal coil, approximate 10 turns. Openings Top: 20&quot; manway with cover, 2&quot;, 2&quot;, 3&quot;, (3) 1.5&quot;, side: 8&quot;. 3&quot; Center bottom outlet. Mounted on 3 carbon steel legs.</td>
<td></td>
<td>Bensenville, IL.</td>
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</tbody>
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<thead>
<tr>
<th>Asset</th>
<th>Name</th>
<th>Manufacturer</th>
<th>Description</th>
<th>Built</th>
<th>Location</th>
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<tbody>
<tr>
<td>7172</td>
<td>Vessel Tank</td>
<td>Girdler</td>
<td>Deodorizer vessel made by Girdler. Can be modified for use as a vacuum pressure vessel. Designed for full vacuum at 650°F. 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 650°F. 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.</td>
<td>1961</td>
<td>Vernon, CA</td>
</tr>
<tr>
<td>5719</td>
<td>Bleach Finishing Tank</td>
<td>tank ss</td>
<td>Stainless steel finishing tank for bleaching. 3' diameter, OAH 7'. 3.5' seam to seam. 3&quot; inlet, 2&quot; outlet. Includes RTD and high/low level switches. Part of bleacher system item 5766.</td>
<td>1985</td>
<td>Kingston, Jamaica</td>
</tr>
<tr>
<td>7461</td>
<td>Jacketed S/S Tank</td>
<td></td>
<td>625 Gallon 316 SS Jacketed Process Tank and insulated tank with 84&quot;straightwall X 52&quot;diameter. Flat top with hinged cover. Dished bottom with tri-clamp outlet. Inlets-2-2&quot; tri clamp, 1-3&quot; tri clamp, 1-2 1/2&quot; tri clamp, 1-1 1/2&quot; tri clamp. Outlets-2&quot; tri clamp on side, 4&quot; 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&quot; tri clamps on the side for sight glass but no sight glass installed. Overall dimension: 124&quot; tall X 65&quot;diameter.</td>
<td>Georgia</td>
<td></td>
</tr>
<tr>
<td>4616</td>
<td>Mixing Tank</td>
<td>Pilot Plant</td>
<td>Pilot Plant Tank - 316 Stainless Steel Vertical Pressurized Mixing Tank. Used G.H. Hicks And Sons (Subs. Chemineer) Approx. capacity 7 Gallons Internal Dimensions Approximately 12&quot; Diameter By 17&quot; Deep. Tank has Dished Bottom Head With Center Discharge Outlet. Inlet 1&quot;, Outlet 1/2&quot;. 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&quot; 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.</td>
<td>1971</td>
<td>Ft Worth, TX</td>
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<tr>
<td>7197</td>
<td>Open Top Tank</td>
<td>ProQuip</td>
<td>2500 gallon vertical 304SS open top tank with bridge mounted agitator. 8&quot; diameter x 78&quot; 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&quot; diameter shaft, 3 blade pitched paddle turbine on shaft. Open top, flat bottom. Appears to have a 2&quot; center bottom outlet. 124&quot; OAH. No coils but we can add for an option if wanted. Price includes removal and loading on your truck. Quantity (2) – priced separately</td>
<td>Warren Glenn, NJ</td>
<td></td>
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<td>Asset</td>
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<tr>
<td>7173</td>
<td>Scrubber</td>
<td>Elliott</td>
<td>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</td>
<td>1986</td>
<td>Vernon, CA</td>
</tr>
<tr>
<td>7450</td>
<td>Stainless Steel Slurry Tank</td>
<td>Sylacauga Tank Corp.</td>
<td>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&quot; x 74 &quot; straight side. Shell and bottom thickness is 0.188&quot;, Dish radius is 57, head thickness is 0.313&quot;. Tank has a 2&quot; center bottom outlet and a 2.5&quot; weld neck outlet at the top of the side for overflow. Top Openings include the following: Two 8&quot; weld neck flanges, Two 2&quot; flanges, One 3&quot; flange, Three connections, flanged form 1&quot; through 1 &amp; 3/4&quot;. Vessel also has an eight inch opening with a product screen,(4x4) and an access door18&quot; x 24&quot; 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.</td>
<td>Windsor, NJ</td>
<td></td>
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<tr>
<td>7427</td>
<td>Stainless Steel Tank</td>
<td>Cherry-Burrell</td>
<td>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&quot; diameter x 64&quot; 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&quot; top manway with hinged cover, off center 6&quot; drive nozzle, (1) 3&quot; vent, (3) 2&quot;; 2&quot; 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.</td>
<td>1993</td>
<td>Florence, SC</td>
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<tr>
<td>7473</td>
<td>Steam Jacketed Kettle</td>
<td>B.H. Hubbert &amp; Son</td>
<td>B.H. HUBBERT&amp;SON - 350 gallon stainless steel steam jacketed kettle, 52&quot; diameter x 40&quot; deep. National board rated to 42PSI, 2.5&quot; discharge, open top, serial number 15513-1, National Board number 1646, includes a perforated basket.</td>
<td>Georgia</td>
<td></td>
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<tr>
<td>4614</td>
<td>Tank, Pilot Plant Pressure &amp; Vacuum SS</td>
<td>Pilot Plant Tank</td>
<td>Pilot Plant Tank - Used FELDMEIER stainless steel tank. Capacity approx. 75 gallons. Type 316 STAINLESS STEEL closed vertical pressure/Vacuum Tank, S/N 4587-R1. Dimensions approx. 24&quot; I.D. X 38&quot; 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 center discharge and valve. On stainless steel legs. Physical weight approx 800 pounds. Can be especially useful for pilot plant deodorizing, hydrogenation, or bleaching.</td>
<td>Ft Worth, TX</td>
<td></td>
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<tr>
<td>7458</td>
<td>Tank, S/S</td>
<td>O'Conner</td>
<td>Used- 7,500 Gallon O'Conner Storage Tank, stainless steel construction. 9' diameter x 16' straight side, dome top, flat bottom, 8&quot;, (4) 3&quot;, (2) 1.5&quot;, (2) 1.25&quot; top nozzles, 24&quot; side bottom manway, 3&quot; side bottom outlet.</td>
<td>Bensenville, IL</td>
<td></td>
</tr>
<tr>
<td>V-1502</td>
<td>Tank, Stainless Steel</td>
<td></td>
<td>Vertical 304 stainless steel tank. Top &amp; 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&amp;ID link for configuration and nozzle locations/size.</td>
<td>1995</td>
<td>Grant City, MO</td>
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<td>Asset</td>
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<tr>
<td>7433</td>
<td>Tank, Vertical SS</td>
<td>Alloy Fab</td>
<td>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.</td>
<td></td>
<td>Warren Glenn, NJ</td>
</tr>
<tr>
<td>7451</td>
<td>Vertical Tank</td>
<td>Bisphoric</td>
<td>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 119“ 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.</td>
<td></td>
<td>Robbinsville, NJ</td>
</tr>
<tr>
<td>5757</td>
<td>Vertical Tank</td>
<td>Stainless Steel</td>
<td>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.</td>
<td></td>
<td>Ft Worth, TX</td>
</tr>
<tr>
<td>7452</td>
<td>Vertical Tank</td>
<td>Union Carbide</td>
<td>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 inclue: 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#</td>
<td></td>
<td>Florence, SC</td>
</tr>
</tbody>
</table>

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.