

Listed in Category Order. Click on an Asset Name for more details.

Asset Catalog for Edible Oils & Crush (528 Items)

Asset	Description	Condition Location
Agitators		2 Items
<u>Gearbox + Motor 10HP</u> Asset ID: A-1400 United Equipment Technologies	Gearbox and motor - inline. Was originally used for top entering agitator, United Equipment Technologies Model Xcel-22, S/N C1641-7B. Falk right angle gear box. Includes Motor 10HP, 1800 rpm. [Photos of shaft and blades are included for info only to indicate prior service - not available. Shaft diameter : 2.75". Came from 28 ft dia tank x 39 ft tall] Idled since 2012.	Used - Good Grant City, MO
<u>Gearbox + Motor 15HP</u> Asset ID: A-1306 United Equipment Technologies	Right angle gearbox and motor, for top entering tank agitator. Model XCEL 500. Motor is 15 HP, 1800 rpm. United Equipment Technologies Corp. Includes Falk Right angle gear box. Output 47 rpm. This is gearbox and motor only - used. [Photos of shaft and blades are included for info only to indicate prior service - not available. Shaft diameter : 3.5". Came from 26 ft dia tank x 39.5ft tall] Idled since 2012.	Used - Good Grant City, MO
Blower		8 Items
<u>Blower Fan 1000HP</u> Asset ID: B2106 Buffalo	Buffalo blower with 1000 HP motor. Blower Fan Type L, size 1200, tag L-25 serial num 88302107. Motor is Siemens induction motor 1000 HP 2300 volts 3/60. RPM 1780, frame 588US.	Unrated Peoria, IL
<u>Blower Fan 50HP</u> Asset ID: AF93 Cardwell	Cardwell Industrial Exhauster blower, Size 350, Model IE857, serial 865-017-1. Approx size 60" front-to-back x 63" side-to-side x 65" tall. Blower 52" dia. Driven by Siemens motor 50 HP at 3545 rpm 460/3/60.	Used - Very Good Illinois
<u>Blower Fan 60HP + ss stack</u> Asset ID: cp102 Kice	Kice blower fan, Model FA33 ARR 9F, with inlet duct/transition. Fan is carbon steel with 36 inch inlet/outlet and 33 inch wheel. Airfoil fan wheel. Includes outlet duct/stack carbon steel duct 29" dia x 40 ft tall. Includes baseplate 60HP motor. Serial numbers 250431-4 & 250431-11. The fan has not been reconditioned but the motor is reconditioned. Depending on motor rpm, HP, and sp - cfm can be between 11,267 cfm and 25,039 cfm. See chart in links. This blower was sized for a baghouse silo (asset cp101) - both can be purchased together. Price here is for Blower/motor/stack only. Removed and ready to load	Used - Very Good Marissa, IL
<u>Blower Kice 7.5HP</u> Asset ID: B2075 Kice	Kice Blower, Model FC9, clockwise Arrgt 9FB. SN: 145410. Physical size is 38" x 34" x 27" tall. Inlet diameter 9" OD, wheel diameter 15 5/8", wheel circumference 4.09', fan outlet area 0.5205 sq ft inside. Flow depends on static pressure - range with this 7.5 HP motor on it is from 600 cfm at 3" SP to 1800 cfm at 16" SP. Driven by 7.5 HP Reliance Electric Motor 480/3/60. See links for dimensions and performance charts. Aprox size for shipping 39" x 40" x 27" high. Removed, ready to ship	Used - Good Peoria, IL

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<p>Blower PD Fan (Roots Type) 25HP Asset ID: AF9 Sutorbilt</p>	<p>Positive displacement blower (Roots Type)</p> <ul style="list-style-type: none"> • Gardner Denver Sutorbilt Legend Series vacuum pump Model GAFMCRD, serial S378101. Catalog No. 5MR. Gear dia 6" • Inlet/Outlet size 4" • Capacity 292 cfm at 7 psig to 263 cfm at 11 psig. • Driven by 25HP motor at 1770 rpm. 460/3/60. • In sound attenuating enclosure. Enclosure dimensions 45" x 45" x 48" tall. See brochure in links. 	<p>Used - Very Good</p> <p>Illinois</p>
<p>Turbo Fan Blower 1800HP Asset ID: B-1010 Howden Roots</p>	<p>Howden High Heat Blower - Never Used</p> <p>Howden High Heat Blower ExVel Turbo Fan. Model HBxRG-20/675. Serial # NFF00019-10. Includes Siemens 1500 Series PLC, Bentley Nevada 3500 Series monitor system. This is NEW, old stock. Never used, still in protected crates.</p> <ul style="list-style-type: none"> • Design Pressure 272.4 psi and Temperature 446F • Inlet Volume 6738.99 ACFM • Main skid plus (1) nitrogen skid and (2) lube unit skids for fan and gear <p>Driven by Toshiba 1800HP induction motor</p> <ul style="list-style-type: none"> • Toshiba World Energy Series 3 phase induction motor, Serial # 140702955 • Model # 3VJM400L6297I • 1800 HP 3540 rpm 4160v 60 Hz 3 phase <p>ExVel™ turbo fans have unique, industry leading impeller and bearing technologies delivering the highest differential pressures available in the fan industry. They can replace more costly centrifugal compressors or multiple blowers with a single unit. This Howden Blower was to be part of the gasification system to move the hot syngas exiting the pyrolysis vessel in a biomass conversion system. It was never installed or used.</p> <p>Condition - Still in crates. The crates are sealed against weather, protected, and in long term storage inside a third party protected warehouse. No known refurbishment required - assets are sold As Is Where Is.</p>	<p>New, Old Stock</p> <p>Sparks, NV</p>
<p>Tuthill Blowers 20HP (3) Asset ID: 2032 Tuthill</p>	<p>Tuthill blowers (3) with (6) FlowTek automatic valve manifold with Bray actuators, FlowTek AutoMater. Used. System has now been removed, cleaned, and ready for sale. Blower driven by 20 HP motor 230/460v 3/60 1775 rpm.. Priced for the LOT - 3 blowers and the valve manifold</p>	<p>Used - Very Good</p> <p>Illinois</p>
<p>Upblast Fan Asset ID: 2457 Cook</p>	<p>Upblast Blower fan still in crate - New, Old Stock Generally Upblast fan, low silhouette with steel propeller. Mfg Loren Cook Co. Model 30 LXUL. Design 12,000 cfm at 0.125" sp. Fan rpm 870, Belt drive with 2 HP motor 3/60 460v 1725 rpm open drip proof. Motor in airstream.</p>	<p>New, Old Stock</p> <p>South Dakota</p>

Boiler

2 Items

Listed in Category Order. Click on an Asset Name for more details.

<p>Feedwater Pump Asset ID: 8818 Sulzer</p>	<p>Sulzer Boiler Feedwater Pump</p> <p>400 GPM Sulzer Boiler Feedwater Pump, Model MSD 3x6x9E, 5-Stages. Flow Characteristics: 400 GPM at 1800 Ft. Hd. (780 PSI), Impeller trim diameter 9,813 inches. RPM: 3560. Like New Condition. Storeroom Spare Rebuilt 07/2021. Steam capacity of boiler rated between 150,000 - 200,000 Lbs. / Hr. IEN # 126835</p>	<p>Reconditioned</p>
<p>Thermal Fluid Asset ID: BD-1505 Xceltherm MK-1</p>	<p>Drums of Xceltherm MK-1 Heat Transfer Fluid - 55 gallon drums. Approximately 10,000 gallons in tank.</p>	<p>Virginia</p>
		<p>Illinois</p>

Boiler/Biomass		1 Items
<p>Biomass Boiler 1500HP + 1MW GenSet Asset ID: 7258 Hurst</p>	<p>BIOMASS BOILER. 1500 BHP 450 psig</p> <ul style="list-style-type: none"> • Hurst Biomass Boiler, 450 psig saturated. Model # HYB 9570-450-1, Capacity 1500HP (51,750 #/hr steam). Heating surface 9750 sq ft. • This is a HYBRID biomass boiler (part firetube & part watertube) designed so well by Hurst Boiler with reciprocating grate • Steam turbine GenSet 1MW - inlet superheated steam 450 psig • System only used for about 6 years, then idled. Built 2009 • Fuel was shredded carpet. • Natural gas burner used for startup combustion only, then shut off for operation <p>Complete Steam Plant with a non-condensing type Steam Turbine Generator 1.0 MW (rated at 750 KW) , with Deaerator tank, high pressure boiler feed water pumps, wet ash removal system, controls, fuel feeding conveyors, all fans and standard boiler trim. Also includes an Air Technologies CEMS (continuous emissions monitoring system) and a Fabricated Steel Silo with auger discharge for fuel storage and conveyance.</p> <p>Manufacturer Lists the following Features: "Hybrid" Firetube/Watertube Vessel Design; Watertube Section; Firetube Section with Blast Tubes; Reciprocating Fire Grates; Under Fire Air Fan; Reciprocating Drive; Over Fire Fan/Dampers; Carry-Over Reinjection Blower; 1500HP Fire Door; Ash Clean Out Door; Fuel Metering Bin; Ash Removal Conveyor; Refractory Arch. Includes operating manuals and some drawings.</p> <p>See FLYER in link for more details and a component list. Last used for burning used shredded carpet. The blast tubes prevent fouling from ash on the first pass through fire tubes. We have shipping specs, weights, dimensions on file.</p>	<p>Used - Very Good</p> <p>Southeast USA</p>

Boiler/Deaerator		3 Items
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<p>Deaerator Asset ID: 2097 Advance Boiler & Tank Co</p>	<p>Tray Type Deaerator. Was used as part of a 210,900 Lb/Hr Cogeneration Boiler.</p> <ul style="list-style-type: none"> • Horizontal deaerator with a vertical top with trays. Carbon steel SA516-70 • Overall dimensions including insulation: Horizontal bottom part size 8 ft diameter x 18'-6", Vertical top part size 8 ft dia x 8 ft tall • Deaerator storage vessel is 90 inches dia x 16'-3" long, 0.50 " thick steel.(ID = 44.5" radius). ASME MAWP 100 psig. Serial number 490-07, ASME 491-007 • Top Heater Tray Evaporator part is 78" OD x 4'-6" length ASME MAWP 100 psig. Serial number 490-06. ASME 491-006 <p>Deaerator was being actively used and maintained until it was mothballed about 2020. It is still installed, stored inside and dry. Price includes removal and loading of DA only. Structure and piping will be extra if wanted.</p>	<p>Used - Good</p>
<p>Deaerator & Storage Tank System Asset ID: 8816 Advanced Boiler & Tank Co.</p>	<p>Deaerator System</p> <p>180,000 PPH Deaerator and Deaerator storage tank for boiler feedwater system. Manufactured by Advanced Boiler & Tank Co. in 1988. Specifications:</p> <ul style="list-style-type: none"> • 75 psig @ 300 degrees for both DA tank and feedwater storage tank • DA tank dimensions: 7' 3" tall x 4' 6" diameter (2210mm x 1372mm diameter) • DA storage tank dimensions: 21' 9" length x 8' diameter (6629mm x 2438mm diameter) <p>The DA system was designed to provide feedwater to a 180,000 lb./hr. Nebraska water tube boiler. Price includes dismantling, removal, and loading on your truck(s)</p>	<p>Used - Good</p>
<p>Feed Water System for 150 HP Boiler Asset ID: 8801 Atomspheric</p>	<p>DEAERATOR & FEED WATER SYSTEM</p> <p>One (1) reconditioned Atmospheric Boiler Feed Water System, complete with a 130/200 gallon carbon steel vented tank, new duplex Grundfos pumps, each sized for the full evaporation rate of a 150 HP boiler for 100% redundancy. System comes, complete with structural steel stand, steam sparge tube and temperature control to preheat and deaerate the makeup water, and water level controls. Cleaned and painted to match the boiler. Feedwater system can ship in 4 to 6 weeks ARO</p>	<p>Reconditioned</p> <p>South Carolina</p>

Boiler/Electric Boiler

1 Items

Listed in Category Order. Click on an Asset Name for more details.

<p>84KW Fulton Electric Boiler Asset ID: 8088 Fulton</p>	<p>84 kW 150 PSI Fulton Electric Steam Boiler with Feedwater System Boiler is in good working condition - will be shop tested prior to shipping. These boilers are nearly 100% efficient with zero emissions - compact design</p> <ul style="list-style-type: none"> • Style FBE, Model FB084E • Boiler Output: 84 kW or 9 BHP - 164 MBTU/hr, steam at 169 lbs/hr. • Power Voltage: 480/3 Phase Power Amp: 101 Hertz: 50/60. Control Voltage: 120/1 phase • Maximum Allowable Working Pressure: 100 PSI • ASME National Board Number: 114141 <p>Includes Fulton Feed Water System (Single Pump)</p> <p>Crane Pump w/ Weg Motor: 1/3 HP Voltage: 208-230/460 60 Hz</p>	<p>Used - Excellent</p> <p>Tennessee</p>
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Boiler/Firetube		2 Items
<p>Firetube Boiler 200HP Asset ID: 8096 Johnston</p>	<p>One (1) 1998 200 HP Johnston boiler, 4 pass wet back, gas and No. 2 oil fired, 250 PSI design pressure. The boiler will be cleaned on the fireside, waterside, outside, and painted. The boiler pressure vessel, tubes, piping, and blowdown valves will be hydrostatically tested. The existing Honeywell 7800L Flame Safeguard Controls will be checked and replaced if found defective. New 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. The combustion air fan will be run to check for balance and bearing smoothness. 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. These photos are representative - boiler is yet to be reconditioned - allow 6 to 8 weeks after order. This quote is for the boiler only as reconditioned. No support equipment is included. Note that this boiler is a little shorter and wider than standard Johnston dimensions so will not be a direct drop in if replacing with like kind.....</p>	<p>Reconditioned</p> <p>Southeast</p>
<p>Firetube Boiler 300HP Asset ID: 7124 Garioni</p>	<p>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. The pictures show the boiler when it was installed, and now in the laydown yard. Will need new control panel. Sold As Is - price includes loading on your truck.</p>	<p>Used - Fair</p> <p>Ft Worth, TX</p>

Boiler/High Pressure		1 Items
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<p>High Pressure Boiler Asset ID: 2096 GTS Energy</p>	<p>High Pressure Steam Generator - to 1,380 psig NEW</p> <p>High Pressure Steam Boiler. New- never used.7200 MBTU/hr. Built in 2015, engineered by GTS Energy. Serial # G-8410. ASME Nat'l Bd # 368 , MAWP 1380 psig at 600F, normal operating pressure is 1250 psig. Honeywell flame management control. Dual fuel Lo NOx burner fired with natural gas or oil. Industrial Combustion LNVLG-100 Lo NOx <30 ppm. Operating steam flow 12,124 lbs.hr at 1160 psig closed loop, 6 inch connections. NUK generator- top down firing. All automatic, closed loop system- requires no operator.</p> <p>Explanation of Operation - The NUK® High-Pressure Steam Generator was specifically developed for oil deodorization applications typically used in the food industry. The NUK is used as a heat source during the deodorization process to safely remove undesirable flavors and odors from edible oils; leaving the oil free from toxins. The NUK High-Pressure Steam Generator is a hermetically closed-looped heating system utilizing a water-steam mixture with maximum design pressures of 1950 psi. The system consists primarily of a vertical cylindrical combustion chamber, coil, burner, steam supply, and condensate return manifolds</p> <p>See links for General Arrangement and P&ID's.</p>	<p>New, Old Stock</p> <p>Tennessee</p>
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Boiler/Hot Water		2 Items
<p>Hot Water Boiler 5 MMBTU Asset ID: M33 Sellers</p>	<p>Hot water boiler Sellers 5 MMBTU (150HP). Model S-150-W Model 15 Senior. Fired by natural gas - automatic. LoNox burner 30 ppm, turn down ratio 3:1. Input 6.27 MMBTU, Output 5,021,000 BTU/hr, 150 psi max pressure . Water capacity 411 gallons. S/N 103390, ASME Nat'l Bd# 10610. Includes recirculation motor 7.5 HP. Boiler was removed in 2022, and is now in the laydown yard. Photos shown are of when it was installed and after it was removed.</p>	<p>Used - Very Good</p> <p>Van Wert, OH</p>
<p>Hot Water Boilers 2.9 MMBTU Asset ID: 8828 Bryan</p>	<p>Bryan Hot Water Boilers</p> <p>New-old stock-never used. Two available.</p> <p>Bryan Flextube hot water boilers. Model RV350-W-FD0. Serial # 99426. Input MBH 3500/1750, Output MBH 2940 (2.9 MMBTU/hr or 88 boiler HP). Relief valve 125 psig and MAWP water at 160 psig. Heating surface is 419 sq ft. ASME National Board # 58817. These are set up to run on #2 fuel oil with a Power Flame burner, but can be changed to Natural gas for an additional charge.</p> <ul style="list-style-type: none"> • Delivery in 1 week ARO for first boiler • Delivery 7-9 weeks for second boiler if purchasing both boilers • Quantity (2) available - priced separately 	<p>New, Old Stock</p> <p>Tennessee</p>

Boiler/HRSG & Gasifiers		3 Items
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Listed in Category Order. Click on an Asset Name for more details.

<p>Gas Fired Steam Generator (HRSG) Asset ID: 7644 Rentech</p>	<h2>Rentech Duct Fired HRSG System (Heat Recovery Steam Generator)</h2> <p>Price Just Reduced</p> <p>This is a brand new HRSG - never used. Model Waterfall Type "O"</p> <ul style="list-style-type: none"> • Rated at 200,000 pph at 400 psig saturated steam with economizer (can also run at 200 psig) • Designed for feedwater flow 400 gpm at 439 psig and 228F • INCLUDES (also see pdf list in link) • Natural gas duct burner system and fuel skid with gas train and flame supervision, rated at 136 MMBTU/h • Steam Generator System (HRSG) Evaporator. "O" type tube arrangement with steam drum and mud drum, 2" tubes • Bypass stack 50 ft x 76" diameter • Exhaust stack 50 ft x 76" diameter • Economizer - finned tube single pass • Boiler Control System: BMS - plc controlled burner management system, CCS - combustion control system, HMI touch screen, Allen Bradley plc and HMI • Interconnecting duct work • Ladders & Gratings <p>Rentech had pre-fit all structural steel in the shop. Once they were assembled, photos were taken, and pieces were disassembled for shipment.</p> <p>Rentech can provide 3-D modeling of the complete boiler system including auxiliaries to assist in the system layout and to avoid costly interference and fit-up issues in the field. (ay be extra cost)</p> <p>System has been completed (never has been used) We have complete shipping documents for number of pieces and sizes.</p>	<p>NEW</p> <p>Iowa</p>
<p>Gasifier Biomass 250 TPD Asset ID: 1229 GMax</p>	<h2>Biomass Gasifier 250 TPD w/Zurn Biomass Boiler and Scrubber</h2> <p>Pressurized Linear Starved Air Low Temperature (LSALT) Gasifier. Quantity (2) - priced for BOTH</p> <p>Gasifier</p> <ul style="list-style-type: none"> • Shallow fluidize bed technology • Tested on MSW, auto shredder residuals, wood chips, bark, wood chips and peper mill sludge • Commercial scale 250 TPD (90,000 pph) - readily scaled to 700 to 1000 TPD <p>Zurn HRSG</p> <ul style="list-style-type: none"> • Zurn HRSG 150,000 pph at 900 psig operating presure, bituminous coal feed • Superheater and Economizer • Physical size approx 73 ft tall x 24 ft wide x 22 ft deep 	<p>Unrated</p> <p>Georgia</p>

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<p>Waste to Energy Gasifier Steam Generator Asset ID: 1964 Primenergy LLC (PRME) & Siemens</p>	<p>Waste to Energy Gasifier & Steam Generator</p> <p>Steam Generator 50,000 lbs/hr at 150 psig. System disposes of wood flour and carpet waste (the fuel) by a staged combustion process in a Gasifier resulting in hot clean waste gases through a Rentech HRSG (heat recovery steam generator) to generate steam. Natural gas is used at startup to obtain combustion of the fuel, then shut off during the process. Feed is 3 tons/hr of blended waste (or 5 tons per hour of wood flour) generating 50,000 lbs/hr steam at 150 psig, and approx. 745 lbs per hour of ash. Includes ash recovery and silo, gasifier, combustion tube column, HRSG (heat recovery steam generator), baghouse dust collector for fly ash and stack. Siemens was the systems integrator and engineered the plant; PRIMENERGY (PRME) was the general contractor and manufacturer of the KC-17 Gasifier. See all links including PFD for all components. See documents for equipment list</p>	<p>Unrated</p> <p>Georgia</p>
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Boiler/Thermal Fluid		1 Items
<p>Hot Oil Thermal Boiler 25 MMBTU Asset ID: B-1000 FSE</p>	<p>FSE Energy Thermal Fluid Heater Hot Oil Boiler Model CH25L. Volume 1928 Gal, Heat Surface 2720 square ft, 140 psig @ 660F, Heat Capacity 25,000,000 BTU/Hr (746 BHP), 1254 GPM min flow. Control panel with Allen bradley Panelview Plus 400, Model CM11-G-30 Power flame burner S/N 091455322 Nat Gas</p>	<p>Illinois</p>

Boiler/Watertube		7 Items
<p>Watertube Boiler 103,500 #/hr Asset ID: 8805 ABCO</p>	<p>Watertube Boiler Low Nox</p> <ul style="list-style-type: none"> • Low Nox Burner Coen model 675 features fuel gas return (FGR). NOx emissions 30 to 60 ppm • Dual Fuel: natural gas and #2 fuel oil • Generates 103,500 lb/hr at 175 psig saturated steam max • Includes Superheater rated at 90,000 PPH at 426°F • Deaerator and feedwater pumps • Economizer: horizontal fully drainable finned tube • Stack: 100 ft tall, base 64" ID with outlet 44" ID • Ladders and platforms, interconnection pipes, valves, safety relief valves <p>ABCO 2 pass, D-type Watertube Boiler. EIN # 467310. The boiler is designed to generate a maximum total of 103,500 lbs./hr. of saturated steam at 175 psig, while the burner heat release rate is 132 MMBtu/hr. on HHV basis with natural gas firing (90,000 lbs./hr. of the total is superheated at 426° F). The design pressure of the boiler and superheater is 200 psig, while the design pressure of the economizer is 250 psig. The boiler is furnished with a boiler outlet transition, economizer, stack, ladders and platforms, trim, associated piping and valves. Coen model 675 Low Nox burner. Dual fuel (natural gas and # 2 fuel oil). FD fan Robinson blower with 60 HP motor. Serial no. 90110</p> <p>Boiler has very low hours of use</p>	<p>Used - Very Good</p> <p>New York</p>

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<p>Watertube Boiler 160,000 #/hr Asset ID: 8079 Rentech</p>	<p>Watertube Boiler Low Nox</p> <p>Superheat Steam Boiler 160,000 lbs/hr at 400 psig at 700F, manufactured by Rentech in 2015. Boiler includes:</p> <ul style="list-style-type: none"> • John Zink Low Nox burner with FD fan • Fueled by natural gas • Economizer, stacks & silencer • Stack • Includes boiler trim, valves, catwalks, ladders and associated piping <p>Qty (2) Two boilers available (priced separately)</p>	<p>Used - Very Good</p>
<p>Watertube Boiler 190,000 #/hr Asset ID: 1360 Indeck</p>	<p>Indeck Watertube Boiler w/ Economizer 190,000 lb/hr</p> <ul style="list-style-type: none"> • Operating pressure 100 to 360 psig • Boiler Model A4-165-R • Dual Fuel: Natural Gas at 237 MMBTU/hr or #2 fuel oil • LoNOx Natcom burner: P-237-HLOG-39-2229 Hyper Mix, burner serial # 9167-1 • Economizer • Grade mounted FD fan <p>Still installed, Currently in Operation. Will be available toward end of 2026</p>	<p>Used - Good</p>
<p>Watertube Boiler 205,000 #/hr Asset ID: 1358 Victory</p>	<p>Victory Watertube Boiler w/ Economizer rated at 205,000 lb/hr at 150 psig</p> <ul style="list-style-type: none"> • Model VS-7-116 "O" Type design • Boiler was in operation running at 190,000 #/hr at 150 psig. ASME MAWP 250 psig • Natural gas fired includes gas train • Economizer - includes steel structure and inlet/outlet breeching. Overall height about 18 ft, structure is 15.3 ft x 8 ft. Weight of all is approx 45,400 pounds. Economizer alone is 16.3 ft long x 6.5 ft wide x 6 ft tall, weight 24,300 pounds dry. Design ASME 490 psig at 700F, 2 inch tubes. • Controls • Combustion blower is a NY Blower with 400 HP motor • Stack 5 ft dia • Boiler 9301, Serial Number 541B. • See Drawing and inspection report in Links <p>The VOYAGER® O-style Boiler is designed to provide a rapid ramp rate and is easy to ship, install, operate and maintain. These are 100% water cooled and refractory free front and rear walls.</p> <p>There are two identical boilers, other is opposite hand. See also asset 1359</p> <p>Still installed, Idled in March 2025</p>	<p>Used - Good</p>

Listed in Category Order. Click on an Asset Name for more details.

<p>Watertube Boiler 205,000 #/hr Asset ID: 1359 Victory</p>	<p>Victory Watertube Boiler w/ Economizer rated at 205,000 lb/hr at 150 psig</p> <ul style="list-style-type: none"> • Model VS-7-116 "O" Type design • Boiler was in operation running at 190,000 #/hr at 150 psig. ASME MAWP 250 psig • Natural gas fired includes gas train • Economizer - includes steel structure and inlet/outlet breeching. Overall height about 18 ft, structure is 15.3 ft x 8 ft. Weight of all is approx 45,400 pounds. Economizer alone is 16.3 ft long x 6.5 ft wide x 6 ft tall, weight 24,300 pounds dry. Design ASME 490 psig at 700F, 2 inch tubes. • Controls • Combustion blower is a NY Blower with 400 HP motor • Stack 5 ft dia • Boiler 9201, Serial Number 541A • See Drawing and inspection report in Links <p>The VOYAGER® O-style Boiler is designed to provide a rapid ramp rate and is easy to ship, install, operate and maintain. These are 100% water cooled and refractory free front and rear walls. There are two identical boilers, other is opposite hand. See also asset 1358 Still installed, Idled in March 2025</p>	<p>Used - Good</p> <p>Illinois</p>
<p>Watertube Boiler 250,000 #/hr Asset ID: 2349 Cleaver Brooks</p>	<p>Cleaver Brooks Industrial Watertube Boiler 250,000 lbs/hr superheated steam</p> <ul style="list-style-type: none"> • Boiler model NB-801D-125-550-AL-LH, serial CP-4582 • NEW, never installed • D-type watertube style • Pressure 420 psig operating pressure (superheated, temp 650F +/- 25). Superheated steam • Natcom LoNOX Burner, natural gas. Gas train included. Burner model NCB-330-68A-000-S10-000 • Stack included - 3 sections • Economizer, ECO, Inc. vertical 7.5 ft dia x 20 ft tall • Controls - 2 plc's + burner management + combustion controls • Includes SCR for emissions reduction • Under nitrogen purge with desiccant in furnace area <p>Removed and stored - ready to load. See additional information in document links</p>	<p>New, Old Stock</p> <p>Illinois</p>

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<p>Watertube Boiler 90,000 lbs/hr Asset ID: 2116 Victory</p>	<p>Watertube Boiler with Economizer 90,000 #/hr Natural Gas</p> <p>Victory Natural Gas Watertube Boiler Type O, Voyager Series VS-5-78SP SH. Capacity 90,000 lbs./hr saturated steam at 800 psig (design pressure 950 psig) ASME Nat'l Bd # 589.</p> <ul style="list-style-type: none"> • Economizer • Feedwater System • Stack 50 feet • Electrical and PLC control systems. <p>With feedwater temperature 227 Fahrenheit to economizer inlet. Complete economizer system. Furnace Radiant Heating Surface 889 Sq. Ft, Boiler Convective Heating Surface 6,455 Sq. Ft., Total Heating Surface 7,344 Sq. Ft. Superheater surface is 980 sq. ft. Drums Submerged arc automatic welded and stress relieved with radiographed welded seams and tubes are rolled and expanded into the drum.</p> <p>Drum material is SA-516 Gr. 70. Mud Drum is provided with a 12" x 16" hinged manway access in each drum head. Steam Drum is provided with a 12" x 16" hinged manway access in each drum head. All tubes enter the drum radially with full parallel bearing through the drum plate and all tubes are full diameter with no swaging.</p> <p>All tubes are full diameter tubes with no swaging.</p>	<p>Used - Very Good</p> <p>California</p>
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Centrifuge and Decanter/Centrifuge		10 Items
<p>Centrifuge B214 A Asset ID: 5575 Alfa Laval</p>	<p>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. 40 HP 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.</p>	<p>Reconditioned</p> <p>Houston, TX</p>
<p>Centrifuge B214 C Asset ID: 7117 DeLaval</p>	<p>DeLaval B214C solid bowl disc centrifuge. Serial number 3532804. Capacity approximately 36,000 to 40,000 #/hr (84 gpm). Motor is 40HP. Cleaned and painted, epoxy internal coating but not reconditioned. Bowl removed and crated for shipping.</p>	<p>Used - Very Good</p> <p>Texas</p>
<p>Centrifuge MAB 206 Asset ID: 1756 Alfa Laval</p>	<p>Alfa Laval centrifuge Model MAB 206-S-24-60-HZ. Serial No. 2965454 Throughput capacity approx 10.6 m3/h (46.6 gpm). Separation takes place in a solids-retaining bowl that can be arranged for either clarification or purification. Solids retained in bowl and removed by manually cleaning. Was in biodiesel service. Has been idle since 2018. Voltage: 3-Phase 575v. There are (2) MAB centrifuges here (Asset 1756 and Asset 1757). If both are bought, we can ship on the skid they are mounted on. Price is for EACH MAB centrifuge which includes removal and loading on your truck. Controls not included. Local Start/Stop Control Only. We can provide controls at additional charge. Note: Unit was in working condition in a biodiesel plant when idled in 2018. Now stored outside in laydown yard since 2023 - will need reconditioning - we can do that for you.</p>	<p>Used - Good</p> <p>Saskatchewan</p>

Listed in Category Order. Click on an Asset Name for more details.

<p>Centrifuge MAB 206 Asset ID: 1757 Alfa Laval</p>	<p>Alfa Laval centrifuge Model MAB 206S-24-60/4049-8. Serial No. 4032493. Throughput capacity approx 10.6 m³/h. (46.6 gpm). Separation takes place in a solids-retaining bowl that can be arranged for either clarification or purification. Solids retained in bowl and removed by manually cleaning. Was in biodiesel service. Has been idle since 2018.. Voltage: 3-Phase 575. There are (2) MAB centrifuges here (Asset 1756 and Asset 1757). If both are bought, we can ship on the skid they are mounted on. Price is for EACH MAB centrifuge which includes removal and loading on your truck. Controls not included. Local Start/Stop Control Only. We can provide controls at additional charge. Note: Unit was in working condition in a biodiesel plant when idled in 2018. Now stored outside in laydown yard since 2023 - will need reconditioning - we can do that for you</p>	<p>Used - Good</p>
<p>Centrifuge OSB-35 Asset ID: 1748 Westfalia</p>	<p>Remanufactured Westfalia model OSB 35-02-576 single pump on light phase, heavy phase by gravity oil purifier. No controls. Capacity nominal 23,000 liters/hr (100 gpm). This machine is completely rebuilt. This includes replacement of bearings, seals and remanufacture of any substandard parts. The exterior cosmetics are restored to the best possible condition. The machine will be assembled, balanced, and run for several hours prior to shipping.. Ready to ship - one - two weeks ARO</p> <ul style="list-style-type: none"> • Includes:20 HP, 480 Volt, 3 Phase, 60 Cycle Explosion Proof Motor • 6500 RPM Bowl Speed, 11,000 G Force • Paring Device on Light Phase • Gravity Discharge on Heavy Phase • Direct Drive • Powder Coated Frame • 20 Litre Bowl Volume • 11 Litre Sludge Space • 40 Degree Bowl with 0.5 MM Caulk Space • Stainless Bowl • SS Bowl Liner, with set of Erosion Clips • Water Harness • Special Set of Tools • Operation / Parts Manual • Warranty 6 months 	<p>Saskatchewan</p> <p>Reconditioned</p>
<p>Centrifuge PX65 Asset ID: 8815 Alfa Laval</p>	<p>Alfa Laval Centrifuge PX 65. Used, good condition. Voltage 440v, 60 Hz. Serial number for one of the machines is 4147096-2006. Last use was in edible oil refinery in Asia.</p> <ul style="list-style-type: none"> • No tools but we can furnish as option • No controls - we can furnish new controls with touch screen and ss panel as an option • We can recondition, add new gaskets & seals, balance machine, and test running condition on water - as an option • Allow 5 to 6 weeks for transportation from Asia to the U.S. More time prior to delivery would be necessary depending on options chosen • Quantity (2) - Priced separately for EACH. Includes removal, transportation delivered to US Gulf Coast. Tariffs extra, expected to be \$7,000 but will be assessed at cost. 	<p>Alberta</p> <p>Used - Good</p> <p>Delivered to US West Coast, Gulf Coast</p>

Listed in Category Order. Click on an Asset Name for more details.

<p>Centrifuge PX80 Asset ID: 8814 Alfa Laval</p>	<p>Alfa Laval Centrifuge PX 80. Used, good condition. Voltage 440v, 50 Hz. Serial number 4205800/2014. Last use was in edible oil refinery in Asia.</p> <ul style="list-style-type: none"> No tools but we can furnish as option No controls - we can furnish new controls with touch screen and ss panel as an option We can recondition, add new gaskets & seals, balance machine, and test running condition on water - as an option Allow 5 to 6 weeks for transportation from Asia to the U.S. More time prior to delivery would be necessary depending on options chosen Price Includes removal, transportation delivered to US Gulf Coast. Tariffs extra, expected to be \$7,000 but will be assessed at cost. 	<p>Used - Good</p>
<p>Centrifuge RSA-60 Asset ID: 1680 Westfalia</p>	<p>Westfalia RSA 60-01-076 vegetable oil separator.serial # 1697-254. Max bowl speed 6450 RPM, solids 1.25 kg/dm³, heavy solids 1.1 kg/dm³. Driven by 15 KW (20 HP) explosion proof motor 400v 3 phase 50 Hz. Rated @ 13000 LPH (approx 60 gpm), both liquid phases discharged under pressure, No tools or Controls. Was recently taken apart and thoroughly cleaned/inspected. Bowl has been rebuilt and installed.</p>	<p>Used - Very Good Europe</p>
<p>Centrifuge RSE 150 Asset ID: 8826 Westfalia</p>	<p>Westfalia Centrifuge / Separator</p> <p>Model RSE 150-01-776. Serial # 1724 266.Maximum admissible rated bowl speed is 4050. Does not include any controls or tools.</p>	<p>Used - Good West Coast</p>
<p>Centrifuge VO 10 ss Asset ID: 1931 Alfa Laval</p>	<p>New Alfa Laval VO10 centrifuge</p> <p>NEW centrifuge still in original crate. Built in 2021 and never used. This Alfa Laval VO-10 disk centrifuge is aimed for gentle and cost-efficient refining of vegetable oils.</p> <ul style="list-style-type: none"> Rated at hydraulic capacity 44 gpm for a nominal capacity of 100 MTPD (19 gpm). Direct drive 18.5 KW (25 HP) motor with VFD. 480v 3/60 All wetted parts in contact with product are stainless steel 304 Controls included Tools included Still in original crates We have the complete specifications in our Virtual Data Room - by invitation Available for immediate shipment 	<p>NEW Colorado</p>

Centrifuge and Decanter/Decanter

11 Items

<p>Decanter Asset ID: 1998 Siebtechnik</p>	<p>Siebtechnik short bowl decanter (SBD) model SBD 400K, serial 6790. Speed 2800 rpm. Drive motor approx 20 HP. The SHORTBOWL decanter with cantilever design is the optimal solution for hot applications and high cleaning requirements. This overhung design special geometry is highly suited for the separation of fine solid particles having a specific gravity that is very different from the liquid phase. The unit is ideal for pharmaceutical or food operations.</p>	<p>Unrated Indiana</p>
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Listed in Category Order. Click on an Asset Name for more details.

<p>Decanter / Centrifuge Asset ID: 7881 Alfa Laval</p>	<p>Alfa Laval Decanter Centrifuge, Food Grade</p> <p>Alfa Laval NX-6541 solid bowl decanter centrifuge. Food grade. Maximum bowl speed 3100 rpm. 25" diameter x 98.75" long bowl. 360 degree solid discharge ports, 9" single lead conveyor, base, casing gearbox 127/1 ratio, 75HP main drive motor, 30HP backdrive motor, 460V, 3PH, 60Hz. The product contact areas are constructed from stainless steel. This system has approximately 500 hours of run time and is in excellent condition. Price is "As is". For an additional charge, we can add new bearings, seals, O-rings, and have balancing with test run done.</p>	<p>Used - Excellent</p> <p>Iowa</p>
<p>Decanter / Centrifuge Asset ID: 7885 Andritz</p>	<p>NEW Decanter</p> <p>Andritz A10-4 decanter centrifuge with oil lubrication. New-unit is still on skid and in boxes. Was never installed. G force 2,700. Diameter 1000mm</p>	<p>NEW</p> <p>California</p>
<p>Decanter CB-505 Asset ID: 1716 Westfalia</p>	<p>Westfalia solid bowl horizontal decanter centrifuge. 2 phase, Model CB-505-71-32 sanitary. Used. Bowl 500/265 mm/19,685" diameter x 84" long. Centripetal pump discharge with GEA Varipond P design for adjusting pond depth on the fly. T316L stainless steel contact surface. Main drive 120 HP (90KW). Back drive 20HP. Max bowl speed 3500 rpm. Lube system with pump and plate exchanger, casing, and frame. No stand, no controls. Priced As Is - will need a stand. We can also recondition for you</p>	<p>Unrated</p> <p>Texas</p>
<p>Decanter Centrifuge CA-458 Asset ID: 7638 Westfalia</p>	<p>Westfalia CA 458-00-02 decanter centrifuge, 316ss. Max bowl speed 3000 RPM, 2300 G's, 18 x 80" bowl ID. 6.25" single lead hardsurfaced conveyor, 30 KW motor 440/3/60/3535 RPM, hydraulic backdrive with 15 HP motor feed tube, chutes and control panel mounted on a stand. 1994 vintage.</p>	<p>Used - Very Good</p> <p>Florida</p>
<p>Decanter Frames & Bases Asset ID: B2092 Alfa Laval</p>	<p>Frames and bases for Alfa Laval decanter PM75000. Three steel frames for decanter, (4) decanter bases (one with cover), Sold as a LOT.</p>	<p>Used - Fair</p> <p>Peoria, IL</p>
<p>Decanter P-3400 3-Phase Asset ID: 6001 Sharples</p>	<p>3-phase decanter Sharples P3400 Super-D-Canter. Bowl dimensions 14" x 48", beach angle 10 degree. Max speed of 4000 RPM, Max G force 3160 x G Force. Quasi-axial flow conveyor design. 316 ss rotating assembly & case and cover. P-165, Mounted to a unitized sub-base with vibration isolators. Main drive motor: 40 H.P. TEFC, 1800 RPM, 480 voltage, 3-phase, 60 cycle power required, NEMA-12 enclosure, Reduced voltage starter comes with it. No back drive motor. Built in 1980 - decanter was rebuilt in 2001. P.125 Gearbox Ratio - Max Allowable Torque on Gearbox 1.72kgf m. Capacity from 13 gpm to 75 gpm depending on viscosity of feed and rpm of motor. Rated at 11 ton/hr at infeed of 10% solids (264 TPD max). Price includes removal and loading - any crating or handling for international shipping will be extra.</p>	<p>Used - Very Good</p> <p>Mexico</p>
<p>Decanter PM75000 Asset ID: 1762 Sharples</p>	<p>Sharples PM75000 Decanter. RECONDITIONED - WARRANTY. Rated at 270 gpm. CENTRIFUGE 29 inch x 92 inch with Gear Units, (95 to 1). Material stainless steel ss316/ss317. Max bowl speed 2600 RPM, 2780 G's, 360 degree cake discharge, 10" single lead conveyor with STC tiles & STC feed zone, half-moon plate dams, fiberglass top cover, feed tube, P180 95:1 gearbox, Includes 175 HP motor 460/3/60/1785PM and new 60 HP AC backdrive. With stand, lube system, polymer feed tube, guards, vibration isolators, control panels, spare parts & tools. New controls with touch screen, vibration switch, and VFD's for 200 HP and 60 HP. Prior use: Waste water sewage treatment 1984 vintage. Allow 16-18 weeks ARO.</p>	<p>Reconditioned</p> <p>Texas</p>

Listed in Category Order. Click on an Asset Name for more details.

<p>Decanter Skid Asset ID: 7889 Alfa Laval</p>	<p>Decanter Skid</p> <p>Alfa Laval horizontal solid bowl decanter style with a model CS5.5-10-Z-TW , 13.9 x 57.5 inch bowl. Capacity of 12-40 gpm. Was last running food & beverage active sludge and municipal waste active sludge (non-abrasive). Electric Reliance motor. 1071SF Rotdiff hydraulic back drive. Baldor super E motor, 7.5HP, 230/460v, 19/9.5 amps,1770rpm, 60Hz, 3 phase. This unit has been reconditioned (rebuilt) with bearings, seal, gasket, balance. BD disc can be added to this machine for additional cost.</p>	<p>Remanufactured Rebuilt</p> <p>Utah</p>
<p>Decanter, Gastight ss316 Asset ID: 2350 Siebtechnik Tema</p>	<p>Siebtechnik Tema SBD-210 gastight short bowl decanter, 316ss.</p> <ul style="list-style-type: none"> Gas tight decanter reconditioned by OEM in 2020 <p>Max bowl speed 5000 RPM, 2933 x G, rated @ 11 GPM, 0.45 bar, 5.5 KW XP motor 690/400/3/50, gearbox, 0.37 KW XP backdrive, feed tube, guard, chutes, nitrogen purge system, SS support frame, PLC control panel with 2 VFDs and all documentation. 2013 vintage.</p>	<p>Reconditioned</p> <p>Eastern Canada</p>
<p>Sharples P3400 Decanter Centrifuge Asset ID: 2055 Sharples</p>	<p>Sharples P3400 completely reconditioned decanter centrifuge 14 x 48 52,500.00 Carbon steel skid and guards. 4.25 conveyor with hardfacing 4000 rpm max Non Sanitary P3400 , 15 HP back drive, 40 HP Main Drive 3,100 g's max, 50 GPM Gearbox assembly 125 to 1 gear box ratio All new bearings, seals, mechanical seals, o rings Paint Carbon steel base, White, paint carbon steel sub base white, and stand New main motor coupling and belts and vibration switch Control panel - Decanter Centrifuge control panel with 40 HP Bowl and 15 HP Backdrive 460 VAC / 3 phase power / 60 Hz 120 VAC transformer with protective circuit breakers 24VDC Power Supply with protective circuit breakers NEMA 12 Freestanding enclosure with thermostat controlled cooling fan Flange mount 100 amp disconnect and ground lug 150HP VFD with protective fuses for the Bowl 15HP VFD with protective fuses for the feed pump Emergency Stop Pushbutton</p>	<p>Reconditioned</p> <p>Texas</p>

Chiller

1 Items

Listed in Category Order. Click on an Asset Name for more details.

<p>Chiller, 100 Ton Asset ID: 2100 Thermal Care</p>	<p>Water Cooled 100 Ton Water Cooled Chiller</p> <ul style="list-style-type: none"> • 100 Ton water cooled chiller by Thermal Care. Model MXW100. Built in 2012. Has cooling capacity of 100 tons (352 kw) with a set point range of 20 to 75 Fahrenheit. MCA @ 460v / 3phase / 60Hz -209 amps. MOP @ 460v / 3phase / 60Hz-350 amps. • Rotary screw compressor with integral oil separator and filter. Direct drive at 166 FLA 460v 3/60 = approx 132 KW rated. Motor is probably 200 HP. • Chiller set points from -20F to 75F • Runs on R134a refrigerant. • Stainless steel brazed plate evaporator • PLC Control panel with high resolution 12" screen operator interface. NEMA-12 C-UL 508A listed and labeled control panel. Compact size with easy access to controls and components. Shipping weight is 4,315 lbs. 	<p>Used - Good</p> <p>Illinois</p>
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Columns		7 Items
<p>Distillation Column 14" Asset ID: 8136 Paul Mueller Company</p>	<p>Glycerin Distillation Column. 14 inch Distillation Column built in 2006 by Paul Mueller Company. NEW S/N 357210-89. ASME NB# 43140 MAWP 50 psi @ 450F. Material: 304L stainless steel. 3 pieces - 313 inches overall height. NEW</p>	<p>New, Old Stock</p> <p>Virginia</p>
<p>Distillation Column 24" Asset ID: 8137 Paul Mueller Company</p>	<p>Methanol Distillation column. NEW - Built 2006 by Paul Mueller Company. 24" Distillation Column. S/N 357209 97-99. 4 pieces - 544 inch overall height. ASME MAWP 40 psi @ 250F. Material: stainless steel 304L. NEW. Empty Weight: 6116 pounds</p>	<p>New, Old Stock</p> <p>Virginia</p>
<p>HP Vertical Column Asset ID: C-210 EnerFab</p>	<p>Hydrolis Column - EnerFab 6000 gallon vessel. MAWP Interior 3000 psig @ 750F, MAWP Exterior 165 psig @ 750F, MDMT - 20 F @ 3000 psig, Jacket MAWP 150 psig @ 750F, MDMT -20F @ 150 psig, S/N 1410086-1. 2 ft I.D. Jacket and 50 ft 6 in OAL</p>	<p>Used - Good</p> <p>Illinois</p>
<p>HP Vertical Column Asset ID: C-310 EnerFab</p>	<p>EnerFab 400 gallon vessel. MAWP Interior 3000 psig @ 750F, MAWP Exterior 165 psig @ 750F, MDMT - 20 F @ 3000 psig, Jacket MAWP 150 psig @ 750F, MDMT -20F @ 150 psig, S/N 1410086-2. 2 ft I.D. Jacket and 35 ft 6 in OAL</p>	<p>Used - Good</p> <p>Illinois</p>
<p>HP Vertical Column Asset ID: C-408 EnerFab</p>	<p>EnerFab 400 gallon vessel. MAWP Interior 3000 psig @ 750F, MAWP Exterior 165 psig @ 750F, MDMT - 20 F @ 3000 psig, Jacket MAWP 155 psig @ 750F, MDMT -20F @ 150 psig, S/N 1410085-1. 2 ft I.D. Jacket and 50 ft 6 in OAL</p>	<p>Used - Good</p> <p>Illinois</p>
<p>Packed Column Biodiesel Distillation Asset ID: C-805 Fenix</p>	<p>Packed Column - Fenix Column 8500 gallon, 5.6 ft dia x 79.6 ft SS, SN E-412 (330412.01.13), Design pressure FV/2.0 KG @ 250C. Last used as Biodiesel Distillation Column</p>	<p>Used - Very Good</p> <p>Illinois</p>
<p>Packed Column Methanol Distillation Asset ID: C-704 Fenix</p>	<p>Packed Column - Fenix Column 5400 gallon, 4 ft x 76 ft SS. Last used as Methanol Distillation Column</p>	<p>Used - Very Good</p> <p>Illinois</p>

S4M Asset Catalog



Listed in Category Order. Click on an Asset Name for more details.

Columns/Scrubber		1 Items
Wet Scrubber, Chemical Asset ID: FB-51 Viron	Acid scrubber. Chemical scrubber, vertical, Sits on reservoir 34" x 60" rectangular with pump. Scrubber is 2 ft dia x 15 ft tall. Designed for vacuum. Mfg is Viron International, Model VCA-36-FRP-0.3-36 Carbon. Serial 13352. Designed for 300 cfm. Has EchoSpan level indicator transmitter and FRP mist eliminator pad at packing depth 28"	Used - Good Illinois
Compressor/Air Compressor		2 Items
Air Compressor, Recip 2HP Asset ID: 2066 Ingersoll Rand	Ingersoll Rand recip air compressor Model P1.5IU-A9, serial P20288T19051. Capacity 4.6 cfm at 135 psig. Voltage 115/1/60 2HP. With integral reservoir tank 20 gallons. Overall size 23" wide x 43" tall. Belt driven quiet operation 75 dBA. This is part of gryphon CBD dryer system belt tensioner and NOT SOLD Separately. Part of an entire CBD extraction system - enter PK6020 to see all components.	Unrated Northern US
Air Compressor, Recip plus Dryer Asset ID: 2052 EMAX	Reciprocating air compressor and refrigerated dryer Emax air compressor, sits on top of its own 80 gallon air receiver. Driven by 7.5 HP motor, 220v 1 phase. Maximum 175 psi and 26 scfm. Includes refrigerated air dryer refrigerant is 134A. Refrigerated dryer is EMAX Model EDRCF1150030. pk6020	Used - Very Good Northern US
Conveyor		1 Items
Screw Conveyor Asset ID: MSC-108	Metering Screw conveyor with Sew-Eurodrive Gear Reducer Type SAF57DRE80M4/MM07/MO, Output 3.9-23.79 rpm	Illinois
Conveyor/Belt		5 Items
Belt Conveyor Asset ID: 2057	Belt conveyor, rubber cleated 23.625" wide. Includes hopper infeed. Drive motor is 1/2 HP 230/460 3/60 1725 rpm with Nord gaer unit. Built 2019. Part of an entire CBD extraction system - enter PK6020 to see all components.	Used - Very Good Northern US
Belt Conveyor 12 ft Asset ID: AF8	Inclined belt conveyor (last used to feed hopper). Approx size 18" wide x 12 ft long.	Unrated Illinois
Biomass Belt Conveyor ss Asset ID: 8569	Biomass belt conveyor for bulk conveying. Stainless steel frame with cleated belt. In a "Z" configuration. Driven by a 1/2 HP motor at 1720 rpm 230/460v 3/60. Conveyor is 19 ft long x 6ft-6in tall x 31 inches wide. Pick-up height at bottom infeed is 8.5 inches. Belt runs slow - approx. a few feet per minute; material is either rubber or perm.	Used - Good Colorado
Biomass Conveyor ss Asset ID: 8561 Marathon	Biomass stainless steel conveyor, approx size 16 inch wide x 24 ft long. Belt conveyor with flights. Driven by 1 HP motor 230/460v 3/60 TEFC. . The motor is 3-phase so it can be set up for a variable speed.	Used - Good Colorado

Listed in Category Order. Click on an Asset Name for more details.

<p>Conveyor (Bag Flattener) Asset ID: 8821 Slidell</p>	<p>Inclined Bag Flattener Conveyor</p> <p>Slidell inclined flattener. Model # 1550. Travel length of belt/flattener is: 13' discharge section and 4.5' infeed section. Belt width is 19", frame width is 24". Overall physical dimensions are 17' x 3' x 9'. Flattener was in operation through early 2026. Now idled and stored in protected warehouse</p>	<p>Used - Good</p> <hr/> <p>Pennsylvania</p>
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Conveyor/Screw		1 Items
<p>Screw Conveyor, ss 10 ft Asset ID: AF5</p>	<p>Conveyor for hopper. Stainless steel screw conveyor 9" OD x 118" long with 8" screw. Belt driven with 5 HP motor. Trough inlet x 4" pipe outlet with cylinder driven knife gate valve.</p>	<p>Used - Very Good</p> <hr/> <p>Illinois</p>

Dryer/Belt		1 Items
<p>Biomass Belt Dryer Gryphon Asset ID: 2042 Gryphon</p>	<p>Gryphon Biomass Hot Air Belt Dryer</p> <ul style="list-style-type: none"> • Gas fired recirculating counter current air dryer. Model A.318. • Dryer section is 3 ft wide x 18 ft long. • Evaporation rate (condensate rate) will be approximately 213 lbs/hr of water • Used for drying hemp with inlet moisture of 50-80% and outlet moisture of 7% to 11% moisture running at 3,000 pouds per 24 hours inlet and approximately 1,000 pounds per 24 hours dry mass outlet. • Natural gas burner rated at 1.5 MMBTU with all gas train valves, firing controls and Honeywell fire eye safeties. Supplemental electric heaters in each of the three sections. • Air flow is by blower rated at 2500 scfm with VFD drive AB PowerFlex 753. AirPro Fan Type HPSM254 high pressure radial shrouded fan. 600 rpm serial 23894 40HP built on 2008. • Six VFD drives in all Allen Bradley PowerFlex 525. • Condenser coils. • Includes infeed sifter and lid lift assembly for easy maintenance and operation. • Includes fabricated feed belt 23.625" wide cleated belt. • Full automation by Rockwell Allen Bradley and controls provided. Software plc controlled air volume, temperature and cycle time. Automated washing of chambers, air filter, and belt. • CTS cooling tower and condenser unit is part of the package. <p>No need for baghouses, scrubbers, or exhaust stacks. See brochure in link for more information. Unit was purchased new in 2019 - only has 1,289 hours operation. Last used for hemp drying. Includes spares: (4) condenser filters, 1 dryer belt, bed skirts & spacers. Part of an entire CBD extraction system - enter PK6020 to see all components.</p>	<p>Used - Very Good</p> <hr/> <p>Northern US</p>

Dryer/Compressed Air		1 Items
<p>Air Dryer, Regenerative Desiccant Asset ID: B2098 Hankison</p>	<p>Hankison heatless regenerative air dryer Model DH-950. Rated at 590 scfm, 100 psig at -40 PDP. Desiccant activated alumina. S/N 3338-1-9505-13SD. Desiccant tanks ASME MAWP 250 psig at 200F.</p>	<p>Used - Good</p> <hr/> <p>Peoria, IL</p>

Listed in Category Order. Click on an Asset Name for more details.

Dryer/Flash Dryer		2 Items
<p>Swirl Fluidizer Flash Dryer System Niro Asset ID: AF94 GEA Niro</p>	<p>GEA Niro Swirl Fluidizer System - Flash Dryer</p> <p>Complete skid with inlet air gas heater, fluidizing slurry tank, controls. This is an agitated flash dryer. GEA Model 6.3 Mobile Unit, ID No. 128-1650-1-01 built in 2009. Stainless steel skid size 86" x 87" x 82" tall. Fluidizing slurry tank stainless is approx 3 ft dia x 3 ft tall with bottom scraped-wall blade agitator and outlet to screw conveyor.</p> <ul style="list-style-type: none"> • Air flow 450-630 kg/hr • Inlet temp 100-350C • Outlet temp 60-150C • Water evaporation 0-55 kg/hr • Max powder rate 100 kg/hr • Max feed rate 150 kg/hr • Gas supply natural gas or propane <p>Used for drying cellulose pastes prior to filtration. In feed tank, the vertical bottom driven agitator will disintegrate the viscous feed material into homogeneous feed. A specialized auger then pushes the slurry to the drying chamber. The Niro SWIRL FLUIDIZER™ offers a cost-effective solution for drying of pastes, filter cakes, and highly viscous liquids for obtaining a fine, homogeneous and non-agglomerated dry product – in one compact process step.</p> <p>See detailed presentation in the Document Links</p>	<p>Used - Excellent</p> <p>Illinois</p>
<p>Vacuum Dehydration Unit Asset ID: 2087 IFS</p>	<p>Vacuum Dehydration Unit</p> <p>Compact vacuum dehydration unit to remove free water, emulsified water, and minor impurities from oil. Designed for most lubricating, EHC and hydraulic fluids down to 150 ppm. Possible to use for dewatering used cooking oil (UCO) upon proper testing and approval. Standard features: 300 gph process flow rate, 5kW heater with programmable temperature controller, dry seal vacuum pump,, adjustable flow controls, skid mounted with casters, controls. 440v 3/60. These units are built to order - allow 10-12 weeks ARO. Photo is a catalog photo.</p>	<p>NEW</p> <p>Michigan</p>
Dryer/Rotary		3 Items

Listed in Category Order. Click on an Asset Name for more details.

<p>Rotary Dryer System Dual Drum Asset ID: 8810 Aeroglide</p>	<p>Complete Rotary Dryer System - 2 drums, 3 pass</p> <p>Stainless steel grade 409, late model rotary dryer system with cooling drum. The 3 pass rotary dryer drums continually lifts and showers the product through the moving air stream. System is based on dual (2) 13' X 60' triple-pass rotary drum dryers with trunnion and drives with controls, motors, including natural gas burners rated at 68 MMBTU/h with an 8:1 turndown, max thermal output of 42.200.000 kj/h, discharge cyclone, multi-clones, fans with motors, stack, all relating ducting and steel structure. These dryers are fired with natural gas or propane. Main cyclone at discharge of dryer has 3.66m diameter, secondary multicyclones (8/dryer) are 1.07m diameter each, stack is 37m above grade, Volumetric airflow rated 30.68 cubic meter/second. See motor list for complete list - dryer drum driven by 150 HP motor (2), exhaust fans 400HP motor (2), cooling exhaust fan 100HP Original use was with wet distillers grain (corn) at 151,463 lbs/hr infeed at 67% moisture dried to 10% moisture for 21,071 lbs/hr output - see chart. Temp out of dryers is 185 F, and out of cooler is 25F above ambient. Evaporation rate is 45,439 lbs/hr (one dryer)</p>	<p>Used - Excellent</p>
<p>Rotary Steam Dryer Asset ID: 5380 Davenport</p>	<p>96 inch dia Davenport Rotary Steam Dryer. Used Rotary Counter Flow Steam Tube. Shell & tube: 304 stainless steel. 104" OD x SCH.10. Pitch 0 DEG to 32 DEG. 46'9 O.A.L. 30HP motor, 349 RPM. Batch capacity: 80,000 lbs./hr. Shell rated for 1 ATM of pressure @ 370F. Tube rating 175PSIG @ 370F. Steam Rating: 130PSIG. Manufactured by Davenport. Previous Use: PTA Dryer.</p>	<p>Unrated</p> <p>Texas</p>
<p>Rotary Steam Dryer ss Asset ID: PK-2347 Drying Solutions</p>	<p>Rotary Steam Dryer stainless steel- Evap Rate 900 lb/hr</p> <p>Rated at 1500 lbs/hr capacity with co-current single-pass superheated steam. Approx conveying air feed 1,973 acfm at 266F to 288F. (Max inlet temp 680F). Last was running soybean meal</p> <ul style="list-style-type: none"> • Evaporation rate 900 lb/hr. Set for 65% moisture IN and 5% moisture OUT at 1500 lb/hr feed rate. • Dryer drum size is 1800 mm dia x 14750 mm drum length (5.9 ft dia x 48.4 ft length). Co-current flow. MOC stainless steel 304L. Cup flights around the perimeter - hollow middle • Natural gas fired burner with controls and fire-eye, Blower, belt drive. Rated at 7.3 MMBTU/hr • This is a steam dryer set up for either steam injection or water injection. Steam heated by hot air interchanger to 680F. Steam usage 4087 lbs/hr at 266F (approx 25 psig) • Cyclone and vertical condenser • Drag conveyer and 3 screw conveyors • All controls including plc and touch screen HMI built into panel • Electrical 200 amp service 460v. Starters and VFD's are located in the control cabinet. There are 4 VFD's. 60HP blower, 60HP conveying fan, 40 HP burner, 40HP drum motor. • Footprint of entire system 65.4 ft x 36.4 ft x 16.4 ft tall (19950 mm x 11110 mm x 5000 mm tall) <p>In excellent operating condition. Idled in mid 2022. Tested operation again for 2 weeks in Aug 2024. See drawings in LINK Price includes removal and loading on your trucks. (no freight but we can quote for that if desired)</p>	<p>Used - Excellent</p> <p>Iowa</p>

Dryer/Spray Dryer

1 Items

Listed in Category Order. Click on an Asset Name for more details.

<p>Mini Spray Dryer Asset ID: 8825 Buchi</p>	<p>Mini Spray Dryer Like NEW</p> <p>Buchi Mini Spray Dryer S-300 Advanced, 220°C with a two-fluid nozzle. Serial number: 1100142181. Power 2,300 maximum watt, 220/240 volts, 50/60Hz.</p> <p>Was only used one time</p> <p>Evaporation capacity: 1.0 L/h for H2O, higher for organic solvents Final particle size: 1 - 60 µm Yield: up to 70 % See Links for details</p>	<p>Like New</p> <p>Massachusetts</p>
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Electrical		5 Items
<p>Air Core Reactors 2000 KVA Asset ID: B2094 Trench Electric</p>	<p>Air core reactors by Trench Electric, Canada. Dry type, air cooled, rated at 2000 KVA, system volts 13.8 kV, 60 Hz, 1 phase. Rated impedance 0.5 ohm. Built 1993. Serial numbers 117770-4, 117770-3, and 117770-6. Weight 2150 pounds each. Two assembled, one in pieces. Qty (3) - sold as a LOT</p>	<p>Used - Good</p> <p>Peoria, IL</p>
<p>Disconnect 100HP Asset ID: AF91 Square D</p>	<p>Square D disconnect for 100HP vacuum pumps 460v. Quantity (2) - priced separately.</p>	<p>Illinois</p>
<p>Grow Lights Asset ID: V2214 Gavita</p>	<p>Gavita 1000 watt grow light. 120-240v AC</p>	<p>Texas</p>
<p>MCC Asset ID: MCC-1 Square D</p>	<p>MCC-1 Motor Control Center - Square D</p>	<p>Illinois</p>
<p>MCC Asset ID: MCC-2 Square D</p>	<p>MCC-2 Motor Control Center - Square D</p>	<p>Illinois</p>

Electrical/MCC		1 Items
<p>Vacuum Starters Contactors, HV Asset ID: 2035 Allen Bradley</p>	<p>Double vertical section with (2) Allen Bradley vacuum motor starters 1520-V4DBDA-1. rated at 2500 - 7200v 400A. Equipped with AB power monitors 3000 and GE 369 Motor Management Relays and GE 737 Feeder protection relays.</p>	<p>Used - Very Good</p> <p>Illinois</p>

Electrical/Motor		17 Items
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S4M Asset Catalog



Listed in Category Order. Click on an Asset Name for more details.

Motor Asset ID: M107 Marathon	Marathon electric motor. Frame 286T. 1765 RPM. 230/460V	Used - Good
		Grant City, MO
Motor Asset ID: M1012 Toshiba	Toshiba electric motor	Unrated
		Grant City, MO
Motor 100 HP Asset ID: M111 Pacemaker	Pacemaker 100 HP electric motor. Frame 405TS. 1730 RPM. 230/460V	Used - Fair
		Grant City, MO
Motor 100 HP Asset ID: M103 GE	GE 100 HP electric motor. Frame 405TS. 1780 RPM. 230/460V, 140/70A.	Used - Good
		Grant City, MO
Motor 30 HP Asset ID: H114 Marathon Electric Blue Chip	Marathon Electric Blue Chip 30 HP electric motor. EPFC enclosure, 3530 RPM. Built in 2010. Model JJ286TSTGP4001CDL. Frame 286TS, 230/460V, 72/36 FLA, 60 Hz. SF 1.15 continuous duty. Physical weight 205 pounds	Used - Very Good
		Grant City, MO
Motor 30 HP Asset ID: M1005 Marathon	Marathon 30 HP electric motor. Frame 286TS. 3545 RPM. 230/460, 68.4/34.2A.	Used - Good
		Grant City, MO
Motor 40 HP Asset ID: M101 GE	GE 40 HP electric motor. Frame 324TS. 3565 RPM. 460V, 43.7A.	Used - Fair
		Grant City, MO
Motor 40 HP Asset ID: M102 GE	GE 40 HP electric motor. Frame 324TS. 3565 RPM. 460V, 43.7A.	Used - Fair
		Grant City, MO
Motor 40 HP Asset ID: M108 Pacemaker	Pacemaker 40 HP electric motor. Frame 404T. 1185 RPM. 220/440V, 147/73.5A.	Used - Good
		Grant City, MO
Motor 40 HP Asset ID: H113 Marathon Electric Blue Chip	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.	New, Old Stock
		Grant city, MO
Motor 400 HP Asset ID: H2001 Siemens-Allis	Siemens-Allis electric induction 400 HP motor, vertical shaft. Model 145, S/N 1-5117-51041-1-1. Type FODV. Frame 507UP. 52.8 Amps, 4000V, 60 Hz. 1780 RPM. Includes 400W space heater. Last service was on cooling tower pump. The motor was rotated in August 2025 and it turns freely.	Used - Good
		Grant City, MO

S4M Asset Catalog



Listed in Category Order. Click on an Asset Name for more details.

<p>Motor 450HP Asset ID: B2083 Marathon Electric</p>	<p>Marathon Electric 450 HP Motor, 460V, 60 Hz, 3565 RPM, Frame 449TSD</p>	<p>Used - Good Peoria, IL</p>
<p>Motor 50 HP Asset ID: M106 Marathon</p>	<p>Marathon 50 HP electric motor. Frame 365T. 1180 RPM. 230/460, 124/62A.</p>	<p>Used - Good Grant City, MO</p>
<p>Motor 60 HP Asset ID: H109 Marathon Electric Blue</p>	<p>Marathon Electric Blue Max electric 60 HP motor. NEW, old stock. 3000 RPM. Model EVD 364THFS8046BT W. S/N WAA033158. Enclosure TEBC, Frame 364TC. 230/460V, 60Hz. Built 2007 - not used, instorage since then</p>	<p>New, Old Stock Grant City, MO</p>
<p>Motor 60 HP Asset ID: M109 Pacemaker</p>	<p>Pacemaker 60 HP electric motor. Frame 404T. 1185 RPM. 220/440V, 147/73.5A.</p>	<p>Used - Good Grant City, MO</p>
<p>Motor 60HP Asset ID: M110 Pacemaker</p>	<p>Pacemaker electric motor 60HP 1200rpm</p>	<p>Used - Fair Grant City, MO</p>
<p>Motors 1500HP Asset ID: 8827 Nidec US Motors</p>	<p>New 1500 HP motors by Nidec US Motor, Inverter Duty</p> <p>Model Titan II. Steel cage, total enclosed fan cooled motor TETC. Manufactured by Nidec US Motors. Inverter duty 1500HP, 3 phase, 60Hz, 3585rpm, 4160 volt, 177.0 amp.</p> <ul style="list-style-type: none"> • Three available - priced separately • New motors - idle since 2023 outside • The TOTALLY ENCLOSED TUBE COOLED TITAN® motor type JT has a cast iron brackets and heavy fabricated steel frame construction with oversized grease lubricated anti-friction bearings. To ensure a high degree of corrosion resistance, steel tube construction is standard. Further, the top hat assembly is treated with a Vacuum Pressure Impregnation cycle of 100% solid epoxy coating all surfaces. The VPI system, along with other internal and external protective treatments, provides exceptional durability in hostile environments. The winding is constructed with full Class F materials and receives two cycles of 100% solid epoxy VPI. 	<p>New, Old Stock Kansas</p>

Electrical/Panels		7 Items
<p>Control Panels Asset ID: V2243</p>	<p>Two stainless steel control panels with Allen Bradley PanelView touch screen and plc. Formerly used as reactor control panels Lot 116. Qty (2) - priced separately</p>	<p>Texas</p>
<p>Electrical Boxes Asset ID: V2344</p>	<p>Two enclosed electrical boxes. Formerly lot 117 &118. Priced for the set of (2)</p>	<p>Texas</p>

Listed in Category Order. Click on an Asset Name for more details.

Fuse Panel 400A Asset ID: V2254 Square D	Square D fuse panel disconnect. Rated at 400A. 3 fuses, 480v 3/60	Texas
Fuse Panel 600A Asset ID: V2255 Square D	Square D fuse panel disconnect. Rated at 600A. 3 fuses, 480v 3/60	Texas
Heater Control Cabinet Asset ID: V2251	Heater control cabinet	Texas
Logic Control Panel Asset ID: V2252 Magnum Engineering	Control panel with cooler on side ready for your electronics and use. Mainly empty. Approx size 6' x 6' x 1' deep with (2) 32" doors	Texas
Logic Control Panel Asset ID: V2253 Magnum Engineering	Control panel with cooler on side ready for your electronics and use. Mainly empty. Approx size 6' x 6' x 18" deep with (2) 32" doors	Texas

Electrical/Switchgear		2 Items
Switchgear 13.8 kV Asset ID: B2100 S&C	S&C metal-enclosed switchgear.13.8 kV, main bus 600 A. Three phase 60 Hz. Catalog number CDA-749682	Unrated Peoria, IL
Switchgear, Gas Insulated 69kv (GIS) Asset ID: B2111 ABB	<p>Gas Insulated Switchgear (GIS) 69kv</p> <p>ABB switchgear 69kv - insulated gas, small footprint (GIS) with leak tight Sulfur Hexafluoride gas (SF6). Model ELK-04</p> <ul style="list-style-type: none"> • Two (2) 69kv distribution busses with disconnects, • Eight (8) 72kv feeder circuit breakers, ELK-04 • Four (4) tie breakers • Panel • All inside protected building - never energized or used <p>See 16 page detail sheet attached in LINKS. We can also offer the service as additional: remove, take back to shop, replace missing components and recondition with warranty. Packaged back into original Hitachi shipping containers.</p>	New, Old Stock Illinois

Electrical/Transformer		3 Items
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Listed in Category Order. Click on an Asset Name for more details.

<p>Transformer (25kva) Asset ID: 7882 Hitachi Energy</p>	<p>Transformer</p> <p>Liquid-Filled MTR Mini-Pak Padmounted Transformer- 25 KVA 2400VGY – 240/120V radial feed, one phase, 60Hz. Serial # 1LUJ250178772388. Includes bushings: loadbreak inserts, bushing wells and secondary studs. Fuses: partial range cl fuse in series with bayonet. Pressure relief valve. Manufactured by Hitachi Energy. Two available. Priced separately.</p>	NEW
<p>Transformer (50kva) Asset ID: 7883 Hitachi Energy</p>	<p>Transformer</p> <p>Liquid-Filled MTR Mini-Pak Padmounted Transformer- 50 KVA 2400VGY – 240/120V radial feed, one phase, 60Hz. Serial # 1LUJ250178772392. Includes bushings: loadbreak inserts, bushing wells and secondary studs. Fuses: partial range cl fuse in series with bayonet. Pressure relief valve. Manufactured by Hitachi Energy. Two available. Priced separately.</p>	NEW
<p>Transformer 47.7MVA ABB Asset ID: 8103 ABB</p>	<p>Transformer - Used 47.7 MVA by ABB (Asea Brown Boveri, Power T&D Company) Made in: Saint Louis, MO Type: 47.7 MVA Oil-filled transformer, Type SL, Non-PCP; Cu/Cu Specifications:</p> <ul style="list-style-type: none"> • Three-phase, 60 Hertz • Class: OA/FA/FA • Windings: 11,500 GRDY/66,395 Volts, 13,800 Volts • Capacity: 28,600/38,100/47,700 KVA • Temperature Rise: 65°C average • Impedance: 10.49% at 28,600 LVA, 115,000 to 13,800 Volts • Test Levels: High Voltage: 550 KV; Low Voltage: 110 KV • Oil Volume: 4,822 gallons 	Unrated
Northeast US		

Electrical/VFD		2 Items
<p>VFD (LOT of 5HP and 1HP) Qty 15 NEW Asset ID: V7898 ABB</p>	<p>VFD Variable Frequency Drives by ABB</p> <p>Priced for the LOT of all 15 Sold as a package, ready to ship stretch wrapped on a pallet</p> <ul style="list-style-type: none"> • Variable Frequency Drive 1HP. Manufactured by ABB. Model # ACS355-03U-04A7-2. Input voltage 208/240V, 50/60Hz, 3PH. Output: 4.7 KV-A. New-old stock. Quantity (9) available, • Variable Frequency Drive 5HP. Manufactured by ABB. Model # ACS355-03U-17A6-2. Input voltage 208/240V, 50/60Hz, 3PH. Output 19 KV-A. New-old stock. Quantity (6) available. 	New, Old Stock
Texas		
<p>VFD 7.5 HP Asset ID: AF90 SEW</p>	<p>SEW variable frequency drives (VFD) Movidrive. Inverter. SEW part number 08249571. Type MDX61B0055-5A3-4-OT. Size 5.5KW (7.5HP). Input 200-240V with 3HP output. Small footprint 105mm x 314mm weighing 2.8kg. Quantity (10) - priced separately</p>	Used - Good
Illinois		

Listed in Category Order. Click on an Asset Name for more details.

Evaporator		7 Items
Dehydration Unit Oil Dryer 21 gpm Asset ID: 6227 Wintek	<p>Oil Dryer - Vacuum Dehydration Unit</p> <p>Wintek Corporation Dehydration Unit. Like NEW - only 31 run hours!! Evap Rate up to 23 lb/hr water</p> <p>This DeHy is a flash tower with condensate/receiver and vacuum system. Capacity feed content is designed for 12 to 21 gpm feed oil (5,492 to 10,000 lbs/hr) with up to 0.25% water and will dry to 0.02% water - based on soy oil modeled as a triglyceride. System consists of feed heat exchanger, a flash tank, a transfer pump, a pre-condenser, receiver tank with transfer pump, and a 10HP liquid ring vacuum system. Flash tower is cs 16 inch dia. Dehydration Unit is used to remove the water from your feed oil. When hot feed oil is exposed to a high vacuum, the water will flash into water vapor and be removed by the vacuum system. This system is skidded - removed and ready to load. Loading fee may apply depending on customer requirements and destination. See complete dehy design specs in attached file (link).</p> <p>NOTE: This unit only has 31 working hours on it and was in working order in a biodiesel plant when idled in 2018. It has been moved outside to a laydown yard in 2023. Unit will need reconditioning. The manufacturer, Wintek, still supports this unit and can recondition it in their NJ factory.</p>	New, Old Stock
		Saskatchewan
Evap System Asset ID: PK-6045 Unitech Titanium	<p>Evaporator system rated at 45,000 lbs/hr. Unitech Titanium falling film evaporator manufactured in 1993 but unused until 2008 then operated for approximately 9 months. Includes Incoloy 825 vapor body, 15,862 SqFt heat transfer section with 872 Grade 2 Titanium 2 inch OD tubes x 36 ft long; and MVR compressor driven by a 500HP motor. Design train capacity is 92 GPM, distillate flow 83.95 gpm. This converts to 44,457 lbs/hr water evaporation. Price includes manual valves and selected ss304 and ss316 piping manifolds, and structural foundation for evap vessel and deaerator. Ladders, grating, and access steel also available.</p>	Used - Excellent
		Saskatchewan
Evaporator System Quadruple Effect Asset ID: 8811 Dedert	<p>Dedert Evaporator System</p> <p>Evap Rate 205,475 lbs/hr</p> <ul style="list-style-type: none"> • Feed rate 264,496 Lbs.hr, Product rate 59,020 Lbs/hr • Stainless steel 304L contact parts • ASME pressure vessels <p>This evaporator is designed as a quadruple effect using live steam, flash process vapor, and process water as the heating medium. Originally designed for 265,000 pounds per hour of corn stillage. The first effect is designed using forced circulation type heat transfer surface. The 2nd, 3rd and 4th effects are designed using recirculated falling film type heat transfer surface. The final vapors from the 4th effect are condensed in a shell and tube type condenser supplemented by a vacuum pumps and motor. The entire system can be used for a biofuel, boi-diesel or other moisture reduction, drying and processing facility. System footprint is approximately 25' wide by 90' long</p>	Used - Very Good
		Southeast U.S.

Listed in Category Order. Click on an Asset Name for more details.

<p>Falling Film Evaporator Asset ID: 380-EQ-870 Unitech</p>	<p>Evaporator rated at 45,000 lbs/hr. Unitech Titanium falling film evaporator manufactured in 1993 but unused until 2008 then operated for approximately 9 months. Includes Incoloy 825 vapor body, 15,862 SqFt heat transfer section with 872 Grade 2 Titanium 2 inch OD tubes x 36 ft long; and MVR compressor driven by a 500HP motor. Design train capacity is 92 GPM, distillate flow 83.95 gpm. This converts to 44,457 lbs/hr water evaporation.</p> <p>The system was evaporating water from canola isolate. Specific gravity was about 8 lb/gal. So Feed in was approximately 173 gpm (83,000 lb/hr) [feed pump is actually rated at 215 gpm] with 89 gpm (44,457 lb/hr) water evap = 84 gpm out (40,300 lb/hr).</p> <p>This is the Evaporator and structure only - Part of Evaporator package PK-6045 and might not be able to be sold separately - Ask Us. For a list of all components, enter "pkevap" in the keyword search terms box.</p>	<p>Used - Excellent</p> <p>Saskatchewan</p>
<p>Molecular Sieve Alcohol Dehydration Unit Asset ID: 1760 Wintek</p>	<p>Molecular Sieve Dehydration Unit (MSDU)</p> <p>For drying liquid phase alcohols or solvents by molecular sieve dehydration. Wintek Model MSDU-M02.05, serial 110401. The unit is steam regeneration, 600 volt, 3 phase, 60Hz. The capacity is 2 gallons per minute. Includes a 10HP vacuum pump and a 1HP transfer pump. Complete system wired and piped, mounted on skid.</p> <ul style="list-style-type: none"> • Operation This Liquid Phase MSDU Design passes a liquid stream of wet alcohol or solvent through a column filled with molecular sieve beads in a process known as molecular sieve dehydration. The bed of sieve beads adsorbs water molecules from the liquid as it passes through it. This occurs due to polar attraction. The internal surfaces of the molecular sieve adsorbs more of the water as the bulk liquid flows through the column. This continues until the molecular sieves are at capacity, and dried alcohol product (or solvent) exits the column. This process continues until the sieve becomes saturated with water, at which time the molecular sieve must be changed, or regenerated. Molecular Sieve Dehydration (MSDU) can provide considerable energy savings (up to 50%) compared to distillation <p>NOTE: This unit was in working order when idled in 2018. It has been moved outside to a laydown yard in 2023. Unit will need a complete reconditioning. The manufacturer, Wintek, still supports this unit and can recondition it in their NJ factory</p>	<p>Used - Fair</p> <p>Saskatchewan</p>
<p>Thin Film Evaporator Dryer Asset ID: 7135 Cherry Burrell</p>	<p>Cherry Burrell Thin film evaporator 36-144. Turba Film Processor wiped film evaporator. Scraped surface area 106 sq ft. Model 36-144, S/N 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). Capacity depends on moisture and feed - on lecithin (gums) drying it was doing 10 tpd (833 #/hr). 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 & loading. We can also offer in reconditioned state.</p>	<p>Used - Fair</p> <p>Bethany, MO</p>
<p>Thin Film Evaporator Dryer Asset ID: 7141 Cherry Burrell</p>	<p>Cherry Burrell Thin film evaporator 36-144. Turba Film Processor wiped film evaporator. Serial no. A4156. Scraped 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 psig 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. Capacity depends on moisture and feed - on lecithin (gums) drying it was doing 10 tpd (833 #/hr). 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 & loading. We can also offer in reconditioned state.</p>	<p>Used - Fair</p> <p>Bethany, MO</p>

Filters

3 Items

S4M Asset Catalog



Listed in Category Order. Click on an Asset Name for more details.

Bag Filter Asset ID: BDFB-001 Pall Filter Specialists	Bag Filter - Pall Filter Specialists 150 psi @ 500F MAWP, MDMT <20F @150 psi S/N 81739 FSPN-1100 #4 C/S	Illinois
		Illinois
Bag Filter Asset ID: BDFB-002 Pall Filter Specialists	Bag Filter - Pall Filter Specialists 150 psi @ 500F MAWP, MDMT <20F @150 psi S/N 81728 FSPN-355 #4 C/S	Illinois
		Illinois
Vertical Leaf Filter Asset ID: VLF-113 LEEM	Vertical Leaf Filter 3.58 feet x 7.5 feet, 560 capacity, Model VLD-160-9, S/N 25133, 90 psig	Illinois
		Illinois

Filters/Bag Filter		4 Items
Bag Filter ss with platform Asset ID: 2101 Ess Corp	Stainless Steel Bag Filter with platform, Model # BG1122FHJSS, year built 2003. Uses #2 bags x 30". Certified by ESS Corp. MAWP 800 gpm maximum flow rate /150 psi at 200 Fahrenheit. Serial # 2046, Includes platform and handrail shown in photos - size approx 3 ft x 4 ft.	Used - Good
		Illinois
Bag Filters 4" ss Asset ID: 8817 PRM Filtration	Bag Filter NEW 4-Bag with 4" Connections NEW Bag Filter 4" inlet / outlet. Manufactured by PRM Filtration. Model BFHBFM4SSXV2. Rated 150 psig / 525 gpm. Uses (4) #2 size filter bags (7-1/16" dia x 32" L). Easy open top with toggle bolts and handwheel.. In stock - ships immediately, subject to prior sale. Price includes shipping and delivery to areas of the US from the middle to Eastern US. Delivery to West of that will be slightly more. Qty (4) available (priced separately)	NEW
		North Carolina
Filter Bags - Qty 155 Size 2 Asset ID: H2036	Filter bags for polish filter, size #2. There are 6 boxes of 25 bags each. P2S Polyester Felt Filter Bag. Bags measure 2 ft 5 in long. Priced for the LOT.	New, Old Stock
		Grant City, MO
Multi Bag Filter System 1200 gpm Asset ID: 8829 Eaton	Multi Bag Filter Housing System New - never used 7 filter bag housings on a common manifold. Model M-TBF-0702. This was custom built with a 4" manifold. There are seven x 2" flanged Bag filters. Takes #2 long bags. Quick opening lids with lugs. Flow rate at 1,233 GPM.	New, Old Stock
		Colorado

Filters/Baghouse Dust Collector	2 Items
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Listed in Category Order. Click on an Asset Name for more details.

<p>Baghouse Dust Collector 62sf Asset ID: 8121 MAC</p>	<p>MAC Baghouse Dust Collector - very low hours</p> <p>MAC Baghouse dust collector. Model 54ST9. Serial # 161448-006-1. Used only for about a week for a research project - idled outside.</p> <ul style="list-style-type: none"> • Mounted on structural frame with MAC MD20 airlock and 0.75 HP motor. • Filter includes (9) 16 oz polyester-dacron bags w/ ground wire and galvanized cages providing 62 sq ft surface. Bags change from clean air side. • Air to dust ratio of 4:1 at 250 cfm. • Baghouse dimensions 24" x 24" x 6 ft tall • Interior contact areas coated with epoxy • See drawing in Links <p>Type ST dust collectors utilize bag media. A Mac baghouse type ST is a square baghouse-type dust collector that uses fabric filters to remove dust, particulates, and pollution from the air. (Square Top-Removal) - top removal. The filter media is installed and removed through the clean air plenum of the filter. Has a hinged top door to allow clean air access to the filter media</p>	<p>Used - Good</p> <p>South Dakota</p>
<p>Baghouse Filter Silo 4300 sf Asset ID: cp101 Kice</p>	<p>Baghouse Filter, used. Kice model CR288-12 built 2006. Has 288 filter bags with cages - bag size 4-3/4" x 144" long. (Approx 4300 sf surface area). Baghouse size 12 ft dia. X 38 ft tall with 60 degree cone, partially insulated. On steel structure 14 ft x 14 ft x 9 ft tall. OAH approx. 45 ft tall. Carbon steel. With 3 ft screw conveyor at outlet. We have blower fan that went on this system - available for extra cost - see asset cp102. NOTE: Baghouse system has been removed - stored at crane yard near Winnebago, MN. The optional Kice 60 HP blower system and ss stack (25,000 scfm) is in separate location (Marissa, IL). Baghouse filter shipping details: 13'-11" x 13'-10" x 44'-10 1/8 OAH, weight empty 30,500 pounds - allow 35,000 pounds. See links for baghouse filter drawing. We also have operating manual and wiring diagram + erection tips from Kice. Price quote for baghouse silo only.</p>	<p>Used - Good</p> <p>Winnebago, MN</p>

Filters/Belt Dewatering 2 Items

<p>Belt Dewatering Filter Press 1.2 meter Asset ID: 1234 Ashbrook</p>	<p>Klampress Belt Filter Press</p> <p>Dewatering, desludging filter press - Model KP-1. Mfg by Ashbrook. Part # KP000586, MPS number 20407, serial number 66448-1765. Belt size 59'-11" long x 47.25" wide.</p> <ul style="list-style-type: none"> • Includes hydraulic unit • Has spare main belt • Idled in 2022 - Still installed • See drawing for all dimensions <p>Belt presses are a common type of mechanical dewatering equipment used to dewater most biosolids generated at municipal wastewater treatment plants and many industrial applications. Belt presses are used to remove water from liquid wastewater residuals and produce a non-liquid material referred to as "cake". The Belt Filter Press is a broadly applicable product for dewatering municipal biosolids and industrial sludges.</p>	<p>Used - Good</p> <p>Iowa</p>
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Listed in Category Order. Click on an Asset Name for more details.

<p>Dewatering Belt Press Asset ID: 8558 Frontier</p>	<p>Dewatering Belt Press</p> <p>Frontier dewatering belt press. Model FTXI-4700. Serial # 0182. Dewatering belt press delivers reliable solid-liquid separation & effective sludge or slurry dewatering. Ideal for use in wastewater treatment, mining, food processing and the chemical industry. Technical Data:</p> <ul style="list-style-type: none"> • Belt Width- 47 inches • 3HP motor • Spray water flow- 35 to 45 GPM • Spray water pressure- 100 to 120 psig • Air flow @ 100 psig / 2 scfm • Main air pressure- 100 psig <p>This belt press has been removed and is located in protected warehouse. Price includes loading on your truck. Any special handling or crating/skidding will be extra.</p>	<p>Used - Good</p> <p>New York</p>
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Filters/Cartridge Filter 3 Items

<p>Cartridge Filter Vessel Asset ID: 7899 Champion Process</p>	<p>Cartridge Filter Vessel</p> <p>Horizontal filter vessel with 19 elements for coalescing or particle cartridges. Max flow 7,000 gpm gasoline and 5,000 gpm water. ASME MAWP 200 psig at 100F.. Size 36" dia with 12" Inlet. For 6" dia cartridge filters of 40", 60" & 80" long. Particle filter cartridges are normally 6" dia x 80" long. Coalescing cartridges are normally 6" dia x 40" long. On saddles and steel skid. Used but in good condition.</p>	<p>Used - Good</p> <p>Texas</p>
<p>Cartridge Filters Asset ID: FC-1513</p>	<p>Cartridge filters, material stainless steel 304. Has . 4" inlet and 4" outlet. Filter specs are approximately: hold (20) two inch cartridges that are 40" long. Diameter on filter is 16 inches. OAH is 48" (44" to the first lip). Filter is on angle iron legs 4" tall. Quantity (2) - priced for the set</p>	<p>Grant City, MO</p>
<p>Dust Cartridge Filter 129sf Asset ID: AF11 Wam</p>	<p>Wamflo stainless steel cartridge filter for powder. Type FNC2J12PPOY, serial 11-FN-13-0004866. Size 24" dia x 36" tall on ss skid. Has 8 elements x 920mm long. Filter elements are pleated non-woven polyester. Filter surface area is 12 sq m (129 sf). Self-cleaning - uses compressed air countercurrent cleaning system with timer. Manufactured by Wam.</p>	<p>Used - Very Good</p> <p>Illinois</p>

Filters/Coalescer 1 Items

<p>Filter Asset ID: 31-FL-244 TM Industrial</p>	<p>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.</p>	<p>Used - Excellent</p> <p>Soperton, GA</p>
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Filters/Membrane 3 Items

Listed in Category Order. Click on an Asset Name for more details.

<p>Membrane Filter Press 1000sf Asset ID: 5547 Industrieterrein Belgium</p>	<p>Membrane Filter Press 6 bar (90 psi) and 1000 sf surface area. 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 (90 psi). 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 & loading. Available immediately.</p>	<p>Used - Fair Kingston, Jamaica</p>
<p>Reverse Osmosis Membrane Filter Asset ID: 2028A</p>	<p>Reverse Osmosis RO Membrane Filter System</p> <p>Material specs are 316 stainless. Tanks are 304 stainless. Includes controls and HMI. Designed for flow rate of 50-60 gpm at 150 - 250 psig. Membranes not included. Last used on well water - removed and stored in controlled warehouse, ready for loading</p> <p>Three stage</p> <ul style="list-style-type: none"> • Stage One has (18) 4" vessels, 5 elements per • Stage Two has (18) 4" vessels, 5 elements per • Stage Three has (12) 4" vessels, 5 elements per <p>Includes 6 pumps. All 6 pumps driven by VFDs</p> <ul style="list-style-type: none"> • (3) recirculation pumps (40HP, 40HP, 20HP) • (3) feed pumps (30HP each) <p>Tanks</p> <ul style="list-style-type: none"> • One Feed tank 500 gallons and two smaller tanks (perm & conc) at 120 gallons each. <p>Controls and HMI included</p>	<p>Used - Very Good Kansas City, MO</p>
<p>Solvent Recovery Membrane Skid Asset ID: V2267 SciPhy</p>	<p>SciPhy X-Spiral 2.5 Solvent Recovery Like NEW - Still in Crate</p> <p>SciPhy solvent recovery, dewaxing, and color remediation system. Rated at 60 gph. Membrane skid still in crate, includes compressor and pneumatic motor and tank. This is an affordable nanofiltration membrane recovery system (OSN).</p> <p><i>This machine is in excellent shape - selling as used but has only been used less than a dozen times</i></p> <ul style="list-style-type: none"> • Complete Control Over Product Purity: The X-Spiral gives operators full control over concentration of solution. • No Solvent Phase Change: Creates greatly reduced energy use that lowers operating expenditure and raises profit margins. • All In One Skid Including Utilities: No boiler or cooling tower necessary means greatly reduced startup and commissioning time. • Highly Efficient: Unique dual pump system only uses a third of the energy of other single pump systems. • Full Parameter Control. Design features and mounted HMI provide ease of use and optimal workflow. • Affordable Membranes. X-Spiral uses lower cost membranes than many competitors. <p>Shipping dimensions: 2 pieces Membrane skid already on a pallet 45" x 49" long x 54" tall, weight 567 pounds Also box of replacement filters size 16 x 16 x 50" long, weight 50 pounds</p> <p>SHIPPING. Bset to ship crate LTL, and send box via USPS or UPS.</p>	<p>Like New Texas</p>

Listed in Category Order. Click on an Asset Name for more details.

<p>Microfiltration Asset ID: 1922 Memtek</p>	<p>Memtek EFC 3600 tubular microfiltration system by Siemens</p> <ul style="list-style-type: none"> • (3) microfiltration skidded modules in this set as shown. • Crossflow tubular membranes pvc • Concentration FRP tank 8 ft dia x 9 ft tall (3300 gallon capacity). • Mix Tank, FRP with top entering agitator • Circulation pump is centrifugal 50 HP 460/3/60 rated at 1060 gpm. • Overall footprint of system is approx 43 feet x 25 feet wide x 12 feet tall. Each skid is 33 ft x 8 ft x 12 ft tall. <p>The basic EFC system is a skid-mounted package consisting of membrane modules, recirculation pump, in-place cleaning loop, backpulse mechanism, instrumentation and controls. The rugged fluorocarbon membranes are non-plugging, abrasion and chlorine resistant. The skid-mounted design is compact and requires minimal floor space. The Memtek® E-Series systems incorporates proprietary crossflow tubular membranes which remove precipitated contaminants and produce a high quality filtrate suitable for discharge or further treatment.</p> <p>Please note the price includes removal and loading - contractor quote is budgetary until scope clearly defined. Price may vary based on scope. We can also deliver to you.</p>	<p>Unrated</p> <hr/> <p>MN</p>
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Filters/Plate & Frame	4 Items
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<p>Filter Press 240 sq ft Asset ID: 8813 M W Watermark</p>	<p>M W Watermark Filter Press</p> <p>** 30 poly plates 630mm x 630mm (2 ft x 2 ft) plus front & back plate.** Used cloths Surface area 240 sq ft. Hydraulics air driven, 2" feed pipe and 1.5" discharge piping</p> <ul style="list-style-type: none"> • Max feed pressure: 100psi, Air supply pressure: 100psi • Hydraulic clamping pressure: 35,000psi, Relief pressure: 4,100psi • Serial # FP01199. 	<p>Used - Good</p> <hr/> <p>Colorado</p>
<p>JWI J-Press Filter Press 3075 sq ft Asset ID: 1088 Evoqua Water Technologies</p>	<p>JWI J-Press 1500 mm</p> <p>Evoqua Water Technologies (now part of Xylem) 1500 mm J-Press. Model #1500N32-76-150SYLC. Filter area 3075 sq ft. 76 plates. Cake thickness 32 mm, Capacity 150 cu ft. Low Operating Hours. Less than 60 days in operation.</p> <p>The J-Press filter press is one of the most versatile dewatering devices on the market, being used in a wide variety of industrial and municipal applications. The J-Press filter press can be used to recover both solids and liquids from a waste or process stream. With superior materials of construction, the J-Press filter press is especially useful in the dewatering of aggressive acid and alkali suspensions.</p>	<p>Used - Excellent</p> <hr/> <p>Illinois</p>

Listed in Category Order. Click on an Asset Name for more details.

<p>Larox Press & Frame Filter Press 1033 sf Asset ID: 8590 Outotec</p>	<p>Outotec Larox Vertical Pressure Filter</p> <p>Vertical pressure filter press. Manufactured by Outotec (Larox).</p> <ul style="list-style-type: none"> • 1033 sq ft vertical pressure filter press. Model #PF 96/96 M48-2-60. Rated to 16 bar pressure • Capacity: 23,500 kg/hr Dry Solids Capacity. Chamber volume 5.76 cu m, Chamber height 60 mm • Material: 316 Stainless Steel Wetted Parts. 16 Filter Plates. Plate Size: 1500 x 4010mm. • Main Unit Dimensions 7935 mm x 5470 mm x 5860 mm (L x W x H). Filter Cloth dimensions: 1700 mm x 95.5 mm Filter Cloth (W x L). 110 kw, 1800 rpm, 575 Vac, 3-phase, 60 Hz • Hydraulic Power Pack: Hydraulic unit motor (M1HU). 15 KW, 1800 rpm, 575 Vac, 3-phase, 60 hz Hydraulic Oil Cooler Motor (M3HU). 3 KW, 575 Vac, 3-phase, 60 Hz Hydraulic Oil Heater (R1HU). Physical size 3120 x 1865 x 2035 mm tall (3400 kg) • Controls: Control panel and all plc controls with HMI touch screen. Physical size 800 x 400 x 1900 mm tall.(250 kg) • Air Muffler: 950 mm dia x 2610 mm long (550 kg) <p>Serial #1125. Built in 2014. New-still crated.</p>	<p>New, Old Stock</p> <p>Canada</p>
<p>Plate and Frame Filter Press 2362 sf Asset ID: F3000 McLanahan</p>	<p>McLanahan Recessed Plate Filter Press 2362sf Like NEW</p> <ul style="list-style-type: none"> • These 4 presses were installed and tested - never ran in production • Polypropylene plates - plate size 2m x 2m (approx 6.5 ft x 6.5 ft). • Two presses have 151 plates for 1961 sq ft surface area. Press model pe035e34 (Membrane) • Two presses have 180 plates for 2362 sq ft surface area. Press model pe035e42 (Recessed Plates) • Pressure rating at 200 psi • Approx size 843 inches long x 109 inch wide x 169 inch tall, weight each about 140 tons • Discharge opening 89 inch x 613 inch • Each press has integral hydraulic system <p>Overhead beam design. The Overhead Beam style results in faster opening and closing for greater production and better cake release in tailings applications. It also provides larger plate openings for better cleaning and maintenance access. Unlike the traditional plate and frame presses, McLanahan's Filter Press line features modern recessed plates or membrane plates, both of which create a chamber for dewatering the slurry without trapping the cakes within the frames. This allows the dewatered cakes to discharge more easily than with traditional plate and frame presses. McLanahan's membrane filter plates offer higher production rates for compressible slurries or slurries that require a cake wash or cake blow.</p> <p>Priced for the LOT - Qty (4) presses</p>	<p>New, Old Stock</p> <p>Indiana</p>

Filters/Pressure Leaf		9 Items
<p>Filter Press 400sf Vertical Asset ID: 5720 LFC Lochem</p>	<p>LFC Lochem Carbon steel filter vessel. 4.5' diameter, 12' OAH. Surface area 38.5 sq m (400 sf). Model MV.DCD H350 138.5/15/SB. Includes 16" bottom butterfly valve, includes all leaves. Last used for soybean oil bleaching. This unit has been removed and will need reconditioning.</p>	<p>Good</p> <p>Kingston, Jamaica</p>

Listed in Category Order. Click on an Asset Name for more details.

<p>Filter Press 86 sf Vertical Asset ID: 2021 Sharplex</p>	<p>Sharplex vertical filter presses with structural steel frames. Pressure leaf filters. Capacity 8 sq meters (86 sf) 6 bar at 150 C (90 psig at 300F). There are 3 of these filters - and a place in the structure for one more. Includes some leaves but new sets will have to be purchased. There are some instruments, valves, and small polish filters on these skids surrounding these filter presses - they are included. Includes the 16" butterfly valve on 2 of these filters. Quantity (3) filters in (2) structures. Package - All included in quoted price. Loading on your truck is free.</p>	Used - Fair
<p>Filtration Skid - Pilot Size NEW Asset ID: 7467 Leem</p>	<p>New Filtration Skid - Pilot Size</p> <p>Stainless Steel Skid mounted self contained filter skid. All wetted parts stainless steel 304</p> <p>Leem Model 24-MVS-40 Vertical Tank, Vertical Leaf, Pressure Leaf Filter Skidded Unit. MAWP ASME and stamped - rated for 90 psig at 300F & Full Vacuum.</p> <ul style="list-style-type: none"> • Filter vessel is 24" outside diameter with (6) 5-Ply Riveted filter leaves with PZ-80 outer filter cloth constructed of type 316ss on 3" spacing affixed to a common 304ss manifold pipe for 40 square feet (3.716 m2) of filter area. Constructed of type 304 stainless with top & bottom swing bolt closures, top to have a davit and hydraulic jack cover lift for ready access to the filter leaves and hinged bottom cover with a counterweight to facilitate filter cake removal. • Includes all necessary ball valves, gaskets, and piping • Slurry tank - 160 gallon pre-coat tank, motor & pump unit: 1x2-8 pump, 3500 RPM, 5 HP; Agitator: Neptune model NO. JG-4.0, gear drive mixer • Control panel mounted to skid. • Entire assembly mounted to 304 SS support skid. <p>Depending on the product being filtered, the amount of solids, and temperature of the product, the flow rate can vary through the filter. With a typical veg oil product with little solids (maybe 1-2%) the flow rate can be as high as 3,000 to 4,000 PPH. If used for tallow or other fats and oils that may have larger amounts of solids, the flow rate can drop to 2,000 PPH through the filter. Please allow 14-16 weeks for delivery ARO. Note: We can offer this unit as a Rental on a per month basis, first come, first served.</p>	<p>lowa</p> <p>NEW</p> <p>New Jersey</p>

Listed in Category Order. Click on an Asset Name for more details.

<p>Filtration Skid - Pilot Size Used Asset ID: 8809 Leem</p>	<p>Used Filtration Skid - Pilot Size</p> <p>Stainless Steel Skid mounted self contained filter skid. All wetted parts stainless steel 304 Leem Model 24-MVS-40 Vertical Tank, Vertical Leaf, Pressure Leaf Filter Skidded Unit. MAWP ASME and stamped - rated for 90 psig at 300F & Full Vacuum.</p> <ul style="list-style-type: none"> Filter vessel is 24" outside diameter with (6) 5-Ply Riveted filter leaves with PZ-80 outer filter cloth constructed of type 316ss on 3" spacing affixed to a common 304ss manifold pipe for 40 square feet (3.716 m2) of filter area. Constructed of type 304 stainless with top & bottom swing bolt closures, top to have a davit and hydraulic jack cover lift for ready access to the filter leaves and hinged bottom cover with a counterweight to facilitate filter cake removal. Includes all necessary ball valves, gaskets, and piping Slurry tank - 160 gallon pre-coat tank, motor & pump unit: 1x2-8 pump, 3500 RPM, 5 HP; Agitator: Neptune model NO. JG-4.0, gear drive mixer Control panel mounted to skid. Entire assembly mounted to 304 SS support skid. Comes with two sets of screens a) PZ-80 outer filter screening 316ss, and b) 24 x 110 mesh stainless <p>Depending on the product being filtered, the amount of solids, and temperature of the product, the flow rate can vary through the filter. With a typical veg oil product with little solids (maybe 1-2%) the flow rate can be as high as 3,000 to 4,000 PPH. If used for tallow or other fats and oils that may have larger amounts of solids, the flow rate can drop to 2,000 PPH through the filter. This unit was used as a rental unit but has been completely checked by the factory to ensure good working order.</p>	<p>Used - Very Good</p> <p>New Jersey</p>
<p>Pressure Leaf Filter Horizontal 412 sf Asset ID: 2025B Industrial Filter</p>	<p>Reconditioned Industrial Filter Horizontal pressure leaf filter press, Model D, Series 60-4-16, Type 122.902, Filtration area 412 sq ft. Tank dia: 60 inches dia Includes Set of 16 filter elements (leaves) 5-Ply with wire mesh, All stainless steel leaves. Used leaves in great condition. Hydraulic power pack with oil reservoir and 5 HP pump, basic controls to open/close bundle of leaves and door. Pneumatically operated vibrator. Hydraulic cylinders with oil piping. A-frame and beams are included. Unit will be sandblasted, primed, and final painted.. Delivery approx 4-5 weeks. Quantity available (2). Priced separately, discount offered if both are purchased.</p>	<p>Reconditioned</p> <p>Texas</p>
<p>Pressure Leaf Filter Horizontal 516sf Asset ID: F20820 Industrial Filter</p>	<p>Horizontal pressure leaf filters - we have 4 available. Industrial filter press (used), Series 60-6-20 Horizontal pressure leaf filter. Has 516 sf filtration area. Built for a project in 1994 and never used. Note that these are NOT reconditioned - will need refurbishment. Type 122.902, Serial F-20818. ASME Nat'l Bd# 3627, rated at 70 psi at 310F. No A-frame or trolleys. No hydraulic power pack. No filter leaves. Approximate size 6 ft wide x 15 ft long x 8 ft tall, Empty weight 6800 pounds. See LINK for drawing is a representative filter - not the exact one. These are single filter units, not head-to-head. Price quoted is As Is loaded on your truck. NOTE: We actually have (4) of these filter shells. {F20818, F20819, F29820, F20821} - priced separately</p>	<p>Used - Good</p> <p>Texas</p>
<p>Pressure Leaf Filter Horizontal 412 sf Asset ID: 2025C Industrial Filter</p>	<p>Industrial Filter Horizontal pressure leaf filter press, sold Used As Is. Model D, Series 60-4-16, Type 122.902, Filtration area 412 sq ft. Tank dia: 60 inches dia Includes Set of 16 filter elements (leaves) 5-Ply with wire mesh, All stainless steel leaves. Includes leaves. Hydraulic power pack with oil reservoir and 5 HP pump, basic controls to open/close bundle of leaves and door. We can replace hydraulic cylinders and seal at additional cost. Removed, ready to load for immediate delivery. Quantity available (2). Priced separately although we can give discount if both are purchased.</p>	<p>Unrated</p> <p>Texas</p>

Listed in Category Order. Click on an Asset Name for more details.

<p>Pressure Leaf Filter ss Horizontal 500sf Asset ID: 1941 Industrial Filter</p>	<p>Horizontal pressure leaf filter. ONE (1) USED, As Is. Industrial Filter pressure leaf filter, horizontal tank, vertical leaves, all stainless steel product contact parts, 60" dia. Horizontal tank, rated for 70 psi @ 180 deg. F, ASME code with vibrator and hydraulic power pack. Unit is designed as dry cake discharge with quick opening cam lock door. Unit has overhead hydraulic ram for retracting door and leaf bundle and manifold.</p> <ul style="list-style-type: none"> Series 60-3.5-19 Type 122.332 serial number F15401 500 sq ft surface area Stainless Steel - all contact surfaces Includes 19 stainless steel vertical leaves 44" x 44" Includes hydraulic power pack 	Used - Good
<p>Pressure Leaf Filter Vertical 385sf Asset ID: 1942 Velo</p>	<p>Vertical pressure leaf filter. ONE (1) USED, AS IS INDUSTRIAL PRESSURE LEAF FILTER, MFG. BY INDUSTRIAL FILTER, TYPE 122.332, SERIES# 60-3.5-19, APPROX. 500 SQUARE FEET SURFACE AREA, HORIZONTAL TANK, VERTICAL LEAVES, ALL STAINLESS STEEL PRODUCT CONTACT PARTS, 60" DIA. HORIZONTAL TANK, RATED FOR 70 PSI @ 180 DEG. F, ASME CODE WITH VIBRATOR AND HYDRAULIC POWER PACK. INCLUDES (19) 44"x44" STAINLESS STEEL VERTICAL LEAVES. UNIT IS DESIGNED AS DRY CAKE DISCHARGE WITH QUICK OPENING CAM LOCK DOOR. UNIT HAS OVERHEAD HYDRAULIC RAM FOR RETRACTING DOOR AND LEAF BUNDLE AND MANIFOLD, INCLUDES HYDRAULIC POWER PACK.</p>	Used - Excellent

Filters/Reverse Osmosis **2 Items**

<p>Reverse Osmosis Unit Asset ID: V2213 GrowniX</p>	<p>Dual element reverse osmosis unit (RO), GrowniX</p>	Texas
<p>RO Reverse Osmosis System Asset ID: 1923 Siemens</p>	<p>Siemens reverse osmosis system (RO). Two identical RO systems - each arranged in a 3-stage 5-3-2 array. Designed to treat process tertiary effluent water and supply demineralized water. Flow is 190 gpm at 55 psig. Filter cartridges with 5 micron pore size protect the membranes. The membranes reduce the total dissolved solids (TDS) of the incoming stream of 14,309 mg/l to 138 mg/l in the final product water. The membranes also reduce the TOC content by >80%. Has 4" inlet, 3" outlet permeate pvc flanges. The RO pump is designed for 190 gpm at 410 Ft TDH and is driven by a 75 HP motor 480v 3/60. Each RO has its own controls but the VFD is not included. Built in 2007, decommissioned in 2011. Still installed. Special note: Qty (2) completely separate systems - priced separately. If both systems are bought, we can give a \$10,000 discount from the total. Please note the price includes removal and loading - contractor quote is budgetary until scope clearly defined. Price may vary based on scope. We can also deliver to you. Spare set of membranes available.</p>	Unrated MN

Filters/Special **1 Items**

<p>Seitz Filter 3 sq ft Asset ID: 2060 Seitz</p>	<p>Seitz Enzinger Noll filter press. Model EF60/65CB serial no. 963048 rated at 6 bar (90 psi). Removable filter plate, Surface area 0.29 sq m, 100 liter. Construction ss316 stainless steel. Chamber 24" dia rated at 6 bar (87 psi) jacketed for 6.5 bar (94 psi) with manual screw lift. Built 1989. Note: This filter had a chiller no longer available. Part of an entire CBD extraction system - enter PK6020 to see all components.</p>	Used - Very Good Northern US
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Filters/Strainer **2 Items**

<p>Basket Strainer Asset ID: 6003 Fluid Engineering</p>	<p>Fluid Engineering Series 105 Simplex Strainer. Cast 316 Stainless Steel. S/N 3100. 150 max pressure. Size 3.</p>	Unrated Grant City, MO
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S4M Asset Catalog



Listed in Category Order. Click on an Asset Name for more details.

<p>Motorized Strainer Asset ID: 7161 Fluid Engineering</p>	<p>Fluid Engineering Strainer Model 793, S/N 2919, Size 10, Max Pressure 150, Temp 32-150F, SS Mesh Screen, 1/16th in or 1575 Micron Equivalent</p>	<p>Used - Good Grant City, MO</p>
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Gear Reducers 7 Items

<p>Expeller Vertical Hopper Feeder Drive Asset ID: 6015 Anderson</p>	<p>Rebuilt Vertical Hopper Feeder Drive for 33 or 55 DUO Expeller</p> <ul style="list-style-type: none"> Thrust Unit Housing, cleaned, Sandblasted and Primed. Thrust bearing. Front and Back End Bearings. Crown & Gear set. Seals and Gaskets. 	<p>Unrated Ft. Worth, TX</p>
<p>Gear Box for Paddle Mixer Asset ID: H117</p>	<p>Gear box for double shaft paddle mixer. Rebuilt.</p>	<p>Unrated Grant City, MO</p>
<p>Gear Reducer, Right Angle Asset ID: GR103 Marley</p>	<p>Marley Gear Reducer, series 27A. Ration 8.66/1. Serial # 10976, with Marley fan blade clamp fastener. For 12 blades. Originally a right angle gearbox for a cooling tower - can be used for any right angle gear reducing by taking off the top fan blade holder bracket. Has been reconditioned - ready to run.</p>	<p>Reconditioned Grant City, MO</p>
<p>Gear Reducer, Right Angle Asset ID: GR104 Western Gear</p>	<p>Gear Reducer by Western Gear Corporation. Ration 8.42-1. Frame FWD-55, sn# 654. Set up for 6 blades. Originally a right angle gearbox for a cooling tower - can be used for any right angle gear reducing by taking off the top fan blade holder bracket. Has been reconditioned - ready to run.</p>	<p>Reconditioned Grant City, MO</p>
<p>Gearbox, Falk Asset ID: B2103 Falk</p>	<p>Falk Gear reducer Model 2100FC2AC, s/n 06-031686-01. Input rpm 1750, ratio 17.29. output 101 rpm. Rated 309 HP. Includes double chain sprocket</p>	<p>Used - Good Peoria, IL</p>
<p>Gearbox, Falk Asset ID: B2113 Falk</p>	<p>Falk Gearbox, Inline speed reducer. Includes double chain sprocket. Model 1080FZ2A s/n 95-0A0584-01. Input 1750 rpm ratio 25.63, Output 68.3 rpm. Rated 40 HP. Shaft size input 2-1/4, output 3-1/2". Chain sprocket D200-18H</p>	<p>Unrated Peoria, IL</p>
<p>Gearbox, Lufkin Asset ID: B2093 Lufkin</p>	<p>Lufkin Gear reducer</p>	<p>Used - Fair Peoria, IL</p>

Heat Exchanger 21 Items

<p>Circulation Heater Asset ID: V2238 Trivolt</p>	<p>Trivolt electric circulation heater CIRH-0024. Rated at 60 KW 480v 3/60. NEMA. Pressure MWP 150 psi. Price includes loading. Crating or protection extra</p>	<p>Texas</p>
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S4M Asset Catalog



Listed in Category Order. Click on an Asset Name for more details.

<p>Circulation Heater Asset ID: V2239 Trivolt</p>	<p>Trivolt electric circulation heater CIRH-0024. Rated at 30 KW 480v 3/60. NEMA. Pressure MWP 150 psi. Quantity (6) priced separately Price includes loading on your truck. Any crating or protection will be additional.</p>	<p>Texas</p>
<p>Heat Exchanger Asset ID: H-209 API</p>	<p>API Basco heat exchanger 6 x 132 AW Hairpin P/N 1470-06-132-000, S/N E140279-201. MAWP Shell 110 psi @ 820F, Tubes 3350 psi @ 775F, MDMT Shell -20F @ 110 psi, Tubes -20F @ 3350 psi. 41.63 inch OAH, 154.56 inch OAL, 28.25 OAW, 129.82 sq ft</p>	<p>Illinois</p>
<p>Heat Exchanger Asset ID: H-211 API</p>	<p>Heat Exchanger by API Basco 10 x 312 AW Hairpin, P/N 1470-10-312-000. S/N E140279-301. Shell MAWP 110 psi @ 690F, Tubes 3320 psi @ 775F, Shell MDMT -20F@110 psi, Tubes -20F @ 3320 psi. Year 2014. 42 inch OAW, 57.25 OAH, 342 OAL, 1070 sq ft area</p>	<p>Illinois</p>
<p>Heat Exchanger Asset ID: H-308 API</p>	<p>API Basco heat exchanger 12 x 300 AW hairpin P/N 1470-12-300-000, S/N E140279-401. Shell 110 psi @ 650F MAWP, Tubes 3360 psi @ 590F, Shell - 20F @ 110 psi, Tubes -20F @ 3360 psi. 61.63 inch OAH, 332.38 inch OAL, 45 inch OAW. Year 2014, Empty Weight 14305 lbs</p>	<p>Illinois</p>
<p>Heat Exchanger Asset ID: H-309 API</p>	<p>API Basco heat exchanger 4 x 132 AW Hairpin P/N 1470-04-132-000, S/N E140279-501. MAWP Shell 110 psi @ 820F, Tubes 3350 psi @ 690F, MDMT Shell -20F @ 110 psi, Tubes -20F @ 3350 psi. 34.38 inch OAH, 152.69 inch OAL, 21 inch OAW</p>	<p>Illinois</p>
<p>Heat Exchanger Asset ID: H-311 API</p>	<p>API Basco heat exchanger 12 x 312 AW Hairpin (stacked) P/N 1470-12-312-000, S/N E140279-601. MAWP Shell 110 psi @ 650F, Tubes 3320 psi @ 690F, MDMT Shell -20F @ 110 psi, Tubes -20F @ 3320 psi. 98 inch OAH, 343.88 inch OAL, 57.63 inch OAW</p>	<p>Illinois</p>
<p>Heat Exchanger Asset ID: H-406 API</p>	<p>API Basco heat exchanger 10 x 324 AW Hairpin P/N 1470-10-324-000, S/N E140279-701. MAWP Shell 110 psi @ 650F, Tubes 3360 psi @ 690F, MDMT Shell -20F @ 110 psi, Tubes -20F @ 3360 psi. 57.25 inch OAH, 356 inch OAL, 42 inch OAW</p>	<p>Illinois</p>
<p>Heat Exchanger Asset ID: H-407 API</p>	<p>API Basco heat exchanger 12 x 300 AW hairpin P/N 1470-04-120-000, S/N E140279-801. Shell MAWP 110 psi @ 820 MAWP, Tubes 3350 psi @ 690F, MDMT Shell - 20F @ 110 psi, Tubes -20F @ 3350 psi. 34.38 inch OAH, 141.69 inch OAL, 21 inch OAW, Year 2014, Empty Weight 1800 lbs</p>	<p>Illinois</p>
<p>Heat Exchanger Asset ID: H-409 API</p>	<p>API Basco heat exchanger 12 x 306 AW hairpin (stacked) P/N 1470-12-306-000, S/N E140279-901. Shell MAWP 110 psi @ 650F MAWP, Tubes 3320 psi @ 690F, MDMT Shell -20F @ 110 psi, Tubes -20F @ 3320 psi. 337.38 inch OAH, 337.38 inch OAL, 57.63 inch OAW, Year 2014, Empty Weight 29185 lbs</p>	<p>Illinois</p>
<p>Heat Exchanger Asset ID: H-503 Rubicon</p>	<p>Rubicon Heat exchanger, Shell & Tube, SS304, MAWP Shell 150 psi @ 450F, Tubes 150 psi @ 350F, MDMT Shell -20 @ 450F, Tubes - 20@350F, S/N 4021-2, 8 5/8 inch O.D. x 71 7/8" L, 71.6 sq ft area, Model VT8A1-72VE</p>	<p>Illinois</p>
<p>Heat Exchanger Asset ID: H-707 Rubicon</p>	<p>Rubicon Heat exchanger condenser, Shell & Tube, SS304, Rubicon MAWP Shell 75 psi @ 250F, Tubes 50 psi @ 250F, MDMT Shell - 20 F @ 100F, Tubes -20 @ 50F, S/N 4024-5, VS34CU2-180H</p>	<p>Illinois</p>

S4M Asset Catalog



Listed in Category Order. Click on an Asset Name for more details.

Heat Exchanger Asset ID: H-802 Rubicon	Rubicon Economizer Model WC10B1-168HE, MAWP Shell 100 psi @ 400F, Tubes 75 psi @ 400F, MDMT Shell -20F @ 100 psi, Tubes -20 @ 75 psi, S/N 40242	Illinois
Heat Exchanger Asset ID: H-803 Rubicon	Rubicon Heat exchanger condenser, Shell & Tube, SS304, Rubicon MAWP Shell 100 psi @ 250F, Tubes 100 psi @ 350F, MDMT Shell -20 F @ 100psi, Tubes -20 @ 50psi, S/N 4024-3, WC18B1-168HE, 18 inch diameter x 194.875 inch L	Illinois
Heat Exchanger Asset ID: H-804 Rubicon	Rubicon Heat exchanger, MAWP Shell 125 psi @ 700F, Tubes 75 psi @ 500F, MDMT -20F @ 125 psi, Tubes -20F @ 75 psi, S/N 4024-1, Model WC10B1-168HE	Illinois
Heat Exchanger Asset ID: H-810 Rubicon	Rubicon Heat exchanger, MAWP shell 100 psi @ 250F, Tubes 100 psi @ 500F, MDMT -20F, Model WC4B1-168HE, S/N 4024-4, 4 1/2 inch OD x 185 inch OAL	Illinois
Heat Exchanger Asset ID: H-1001 Rubicon	Heat Exchanger MAWP Shell 125 psi @ 500F, Tubes 125 psi @ 750F, MDMT Shell -20F @ 125 psi, -20F @ 125 psi, S/N 4031-2	Illinois
Heat Exchanger Asset ID: H-1002 Mason Mfg	Mason heat exchanger 1835 sq ft area, MAWP Shell: 130 psi @ 600F, Tubes: 75 psi @ 600F, MDMT Shell: -20 @ 75 psi, Tubes: -20F @ 75 psi, S/N 17-6809	Illinois
Heat Exchanger Asset ID: H-103 WCR	Heat Exchanger 7.09" W x 1905" H x 9" L, 10.7 Sq Ft area	Illinois
Heat Exchanger Asset ID: H-104 WCR	Heat Exchanger by WCR, Single pass flow heat exchanger	Illinois
Heat Exchanger Hairpin 862 sf Asset ID: H-208 API	Heat Exchanger by API Basco 10 x 300 AW Hairpin P/N 1470-10-300-000. S/N E140279-101. Shell MAWP 110 psi @ 690F, Tubes 3360 psi @ 775F, MDMT Shell -20F @ 110 psi, Tubes -20F @ 3360 psi. 57.25 OAH, 42 inch OAW, 329.88 OAL, 861.84 sq ft area	Illinois

Heat Exchanger/Plate Exchanger		4 Items
Heat Exchanger Plate Pack Asset ID: 2369 Alfa Laval	72 new plates for Alfa Laval TS20M heat exchanger. 316ss 0.6mm Flow Plate w/ EPDM Flow Gasket	Unrated Ohio
Heat Exchanger, Plate Asset ID: 2368 Alfa Laval	New Alfa Laval TS20M plate & frame heat exchanger with 72 plates.	Unrated Ohio

Listed in Category Order. Click on an Asset Name for more details.

<p>Heat Exchanger, Plate 4448 sf Asset ID: 6013 Polaris</p>	<p>Used Polaris Plate Heat Exchanger. 304 Stainless Steel. Approximately 4,448.50 Square Feet. (330) Stainless steel plates. Rated 150 psi at 284 degrees F. (4) 12" diameter inlet/outlets. Flow rate 3600 gallons per minute. Maximum # of plates 348. Mounted on a painted carbon steel expandable frame. Serial# 11738. Built 2010.</p>	<p>Unrated Illinois</p>
<p>Heat Exchanger, Plate ss 280 sf Asset ID: E-1513 APV</p>	<p>APV stainless steel plate heat exchanger. MAWP 200 PSI @ 320 F. MDMT -20 F @ 200 PSI. Surface area: 280 sq. ft. with 2" inlets/outlets. Includes 153 ss316 plates at 0.6mm thick. S/N 30326.1. Last used as a product cooler for ethanol. See drawing for more information.</p>	<p>Used - Good Grant City, MO</p>

Heat Exchanger/Scraped Surface		3 Items
<p>Scraped Surface Heat Exchanger Asset ID: 7145 Votator</p>	<p>Cherry Burrell Votator Scraped Surface Heat Exchanger 6x72 single barrel - Shown As Is but we can recondition if needed. 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 & tube is 1100 pounds. Total weight with frame & motor is approx 2500 pounds. Price includes removal & loading on your truck Sold As Is Where Is however, this unit can be reconditioned for additional cost. Cleaned, painted, inspected, new seal, new bearings - 3 month guarantee material and workmanship. New blades and barrel re-chrome are extra options</p>	<p>Used - Fair Grant City, MO</p>
<p>Scraped Surface Heat Exchanger 9sf Asset ID: 7107 Cherry Burrell Votator</p>	<p>Cherry Burrell Votator Scraped Surface Heat Exchanger 6x72 single barrel. Used. Model 6SSHE, S/N 90294EC, Mfg Number 00-17418, A5136. This unit has a BWS jacket suitable for brine, water, steam. Last use was to cool lecithin edible oil with cooling water. Driven by Blue motor 20HP motor 460 3/60 with 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 sq 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 & tube is 1100 pounds. Total weight with frame & motor is approx 2500 pounds. Sold As Is - we can recondition for you for additional. See drawings in LINK. Price includes removal & loading on your truck Sold As Is Where Is however, this unit can be reconditioned for additional cost. Cleaned, painted, inspected, new seal, new bearings - 3 month guarantee material and workmanship. New blades and barrel re-chrome are extra options.</p> <ul style="list-style-type: none"> • Photos show unit as-installed, and as-removed now in lay down yard ready to load. • We have two of these units - see also asset number 7108 	<p>Used - Good Ft Worth, TX</p>
<p>Scraped Surface Heat Exchanger 9sf Asset ID: 7108 Votator</p>	<p>Votator Scraped Surface Heat Exchanger 6x72 single barrel. Used - Model 1C672L, S/N 35464VA. This unit has a BWS jacket suitable for brine, water, steam. Lat use to cool lecithin edible oil with cooling water. All wetted surfaces are stainless steel 304, barrel is Chromium plated Nickel. 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 sq ft. Volume in tube (product) 910 cu in, volume in jacket 2,000 cu in. Driven by 20 HP black motor 460 3/60 with 1755 rpm/222 rpm out Physical weight of cylinder & tube is 1150 pounds. Total weight with frame & motor is approx 2500 pounds. See drawings in LINK. Price includes removal & loading on your truck Sold As Is Where Is however, this unit can be reconditioned for additional cost. Cleaned, painted, inspected, new seal, new bearings - 3 month guarantee material and workmanship. New blades and barrel re-chrome are extra options.</p> <ul style="list-style-type: none"> • Photos show unit as-installed, and as-removed now in lay down yard ready to load. • We have two of these units - see also asset number 7107 	<p>Used - Good Ft Worth, TX</p>

Listed in Category Order. Click on an Asset Name for more details.

Heat Exchanger/Shell & Tube		11 Items
Heat Exchanger 5700 sf Asset ID: 1340 Joseph Oat	Unused- Joseph Oat Corporation 8 Pass U Tube Shell & Tube Heat Exchanger, 5700 Square Feet, 8 Pass U Tube. ASME "N" Stamp NB # 3607. Horizontal. Carbon steel shell rated MAWP 150 psi at 200 degrees F, diameter 55.5" OD. Tubes: (1194) 3/4" Diameter x 11' long; 304L stainless steel tubes rated MAWP 150 psi at 200 degrees F. 304L Stainless steel head and tubesheets. Openings for shell (2) 14", for tubes (2) 10". Mounted on saddles. Serial # 2692B, Built 2012.	New, Old Stock Illinois
Heat Exchanger, Shell & Tube 1819sf Asset ID: 8084 Thermotran	Heat Exchanger, Mfg by Thermotran. Tube & shell material both are carbon steel. MAWP: Shell Pressure 150 psig at 150F. Tube Pressure 1040 psig at 355F. Arrangement is 2-pass shell and 2-pass tubes. Has 340 tubes 0.75" dia x13 feet. Heat exchanger overall length 18.75 feet. Shell 2 ft-10" dia x 1/2 inch thick. ASME NB# 139, S/N H-1441. Inlet/outlet 10". Designed for 306,500 #/hr water shell side at 630 gpm. Designed for syngas tubeside 107,813 #/hr. Heat exchanged 9.2 MMBTU/hr. See link for U-1 and heat exchanger drawing.	Unrated Texas
Heat Exchanger, Shell & Tube 2151sf Asset ID: 41-E-112 HED	Heat exchanger shell & tube TEMA AEU design. U-tube type, 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. Rated for 98 MMBTU/hr, Water 90/110F, Reactor Effluent 300/105F. Material 304L stainless steel tubes/CS shell. There are 325 tubes sized 5/8" OD with 0.065" wall, 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. We have U-1A - see Links. (Part of module fp413)	Used - Very Good Soperton, GA
Heat Exchanger, Shell & Tube 5861 sf Asset ID: 31-E-188 Heat Exchanger Design Inc.	Shell & tube heat exchanger, Heat transfer area 5,861 sq ft, Physical size 38" dia X 28 ft long. Material shell KCS (killed carbon steel)/ tubes carbon steel SA179. Rated at 450 psig 4.02 MMBTU/hr, HP Solvent 36/102, Lean Solvent 121/46F. TEMA type BFU, 2-pass shell side, 2-pass tube side. 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. Has (611) 3/4" tubes. We have drawings and U-1A - see Links. Used as Solvent / High Pressure Liquid Exchanger on fp311.	Used - Very Good Soperton, GA
Heat Exchanger, Shell & Tube 135 sf Asset ID: 31-E-236 Precision Pipe & Vessel	Shell & tube heat exchanger, Surface area 135 sq ft, physical size 10 in dia x 8.5 ft long. Designed for 1.44 MMBTU/hr, operating pressure 80 psig. Shell side Steam 324psi/307F, tube side HP Solvent 102psi/125F. ASME rated at shell 150 psi at 400F, tube 200 psi at 250F. TEMA Design NEN. Has 81 tubes 3/4" 14 gage tubing, 0.75/0.083, empty weight 1913 #. Manufactured by Precision Pipe & Vessel in 2009 - ran only 42 days - like new. Material: shell is seamless pipe carbon steel SA-106 grade B, tubes are carbon steel 14 gage. We have drawing in Links. Used as High Pressure Liquid Heater on fp311. Still installed - allow 2-3 weeks for removal and loading.	Used - Very Good Soperton, GA
Heat Exchanger, Shell & Tube 280sf Asset ID: 31-E-234 Precision Pipe & Vessel	Shell & Tube heat exchanger, Rated at 800 psi 0.364 MMBTU/hr, Treated Gas 21/100F, Raw Syn Gas 110/64F. Shell & tube, TEMA design NEN, 280 sq ft, 0.75/0.065, 3237 #. Physical size 10 in dia x 23 ft 5 1/8 inch long. On channel saddles 2'-6". ASME MAWP 800/Fv at 350F shell, 800/fv at 250F tubes. Manufactured by Precision Pipe & Vessel (PPV) in 2009. Material tubes 304L Stainless/shell CS. Insulated calcium silicate. See drawing in Links. Used for Gas Clean-up Feed/Effluent Exchanger. Part of fp311. Still installed - will be difficult to remove.	Used - Very Good Soperton, GA
Heat Exchanger, Shell & Tube ss 102sf Asset ID: 8138 Paul Mueller	Paul Mueller Company Heat Exchange Tube. Stainless steel shell and tubes ss304. Brand NEW - never used, stored in warehouse. Style TEMA BEM. Size 6-5/8" OD x 247" OAL. (6" ID x 240" tube length). Built 2006. ASME Nat'l Bd # 42489, S/N 357149-16. MAWP shell 125 psi @ 600F, tubes 150 psi @ 400F. NEW. 26 Tubes at 0.75" OD x 240" for 102 sf heat exchange surface area. Inlet/Outlet flange connections all are 2". Empty weight: 607 pounds.	New, Old Stock Pennington Gap, VA
Reboiler Heat Exchanger 100 sf Asset ID: H-105 Rubicon	Heat Exchanger 10.75 diameter x 71 7/8 inches, 100 sqft area, Rubicon Model VT10B2-72VE, S/N 4021-1, Shell MAWP 150 psi @ 450F, MDMT -20F @ 150 psi, Tubes 150 psi @ 350F, -20F @ 150 psi	Illinois

Listed in Category Order. Click on an Asset Name for more details.

<p>Reboiler Heat Exchanger 1635 sf Asset ID: H-809 Rubicon</p>	<p>Rubicon Heat exchanger, MAWP Shell 150 psi @ 750F, Tubes 75 psi @ 500F, MDMT -20F @ 150 psi, Tubes -20F @ 75 psi, S/N 4026, Model VT22C1-168VE, 22 inch dia x 218.75 inches, 1635 sq ft</p>	<p>Illinois</p>
<p>Reboiler Heat Exchanger 7062 sf Asset ID: 7879 Heat Transfer Systems, Inc.</p>	<p>Rectifier Reboiler Heat Exchanger 7062 sf</p> <p>Like new. Reboiler is from an cellulosic ethanol distillation pilot plant project. Total production of ethanol was 20,000 gallons, so very little time in operation.</p> <p>Specifications</p> <ul style="list-style-type: none"> • 304L SS tubes and tube sheets, carbon steel shell jacket for steam • ASME NB# 2068. Designed for Shell 75psi/FV @ 320F, Tubes 60psi/FV @ 320F • Exchanger Configuration: BEM. Vertical Orientation but can be mounted on horizontal • Size 57" Diameter, 16'-0" shell length (over all length 23"-8") Removed - ready to load. Price includes rigging and loading. 	<p>Used - Very Good</p> <p>Georgia</p>
<p>Reoiler Heat Exchanger 1635 sf Asset ID: H-706 Rubicon</p>	<p>Reboiler 30 inch dia. X 221.375 inches H, 1635 sq ft area; design pressure 150 psi @ 500F, Tubes 75 psi @ 350 F</p>	<p>Illinois</p>

Hemp & Botanicals/Oil Extraction		5 Items
<p>Cup 5 Extractor Ethanol + Chiller Asset ID: V2204 Prospiant</p>	<p>Cup 5 extractor Prospiant Delta Cup 5. Ethanol extraction system. Can handle plant material up to 3.5 pounds, average run time 2-12 minutes, ethanol recovered per run is 5 gallons. Price currently includes an Across International T40 chiller -40F to ambient, 220v single phase. Check for availability</p> <p>The Delta CUP-5 is a new innovation. Designed for small scale processors, prototype labs, and education research labs. The Delta CUP-5 does not require a C1D2 environment. Combining closed-loop, cold alcohol extraction technology with mechanical centrifugation ensures a high-purity end-product.</p>	<p>Texas</p>

Listed in Category Order. Click on an Asset Name for more details.

<p>Ethanol Botanicals Extractor CUP15 Asset ID: 7894 Delta Separations</p>	<p>CUP 15 Extractor</p> <p>The CUP15 is a small capacity system that uses alcohol to extract your target compounds from various botanical materials.</p> <ul style="list-style-type: none"> • Size 37" x 25" x 56", weight 1095 lbs. • Batch size 8-14 lbs. plant material, avg run time 10-20 minutes • Alcohol requirement is 12-15 gallons per run, Working temp range from -40C to +60C • Liquid/vapor tight vessel with EPDM lid seal; 1 gallon jacket volume with 1/2" NPT male jacket ports; • Industrial Hazardous Location (HazLoc) control panel; Touchscreen HMI; Dual emergency stop • On stainless steel cart with rollers <p>The CUP-15 combines closed loop alcohol extraction with centrifugal technology, ensuring consistent and convenient results by a single operator. A touch screen HMI features a menu with various agitation and spin-dry cycles, each of which is programmable to the operator's specifications. With a runtime of only 10-20 minutes and a throughput of approximately 300 lbs. per 8-hour work day, this system will efficiently attain your processing goals.</p> <p>Applications</p> <ul style="list-style-type: none"> • Botanical Oil Extraction: Hemp, cannabis, essential oils, plant extracts • Pharmaceutical & Nutraceutical Processing • Food & Beverage Industry: Flavor and fragrance extraction • Cosmetic & Skincare Industry: Active ingredient extraction • Chemical Solvent-Based Extraction Processes <p>Compatible Products & Uses</p> <ul style="list-style-type: none"> • Ethanol-Based Cannabis and Hemp Extraction • CBD and THC Oil Production • Essential Oil and Botanical Extract Processing • Industrial-Grade Ethanol Extraction for Herbal and Plant-Based Ingredients • Solvent Recovery and Purification for High-Purity Extracts 	<p>Used - Good</p> <p>Nevada</p>
<p>Propane/Butane Extractor Asset ID: V2203 Illuminated Extractors</p>	<p>Illuminated Extractors propane extractor for hemp CBD and essential oils. Can use 100% propane, 100% butane, or a propane-butane blend. Capacity 30 lb per 8 hour shift. The jacketed column is 4: x 48", holds 5 lb. Rated at -40F to +125F, 350 psi Mx WP. Typical 16.9 psig to 109 psig. Serial 106-2017-03001. Includes Corken botanical oil extraction compressor, reciprocating compressor/Vapor Recovery Pump.</p> <p>Capable of running both wet or dry material, it is the only extraction system on the market designed to be operated using High-Pressure Hydrocarbon Extraction (HPHE). This allows the user to extract at a much higher rate to create a wide range of different extracts.</p>	<p>Used - Very Good</p> <p>Texas</p>

Listed in Category Order. Click on an Asset Name for more details.

<p>Supercritical CO2 Extractor 20L Asset ID: 8564 IES Isolate Extraction Systems</p>	<p>Supercritical 20L Hydraulic CO2 extractor</p> <p>Closed loop liquid CO2 extractor. Model CDMH.20-2X-2F, mfg by Isolate Extraction Systems</p> <ul style="list-style-type: none"> • Material of Construction 304/316 stainless steel • Manual available on request • Volume 20 liters per extraction (40 total liters) • Capacity 4 - 17.6 lbs per extraction vessel • max flow rate 4 kg/min • Solvent Range: 850-3500 psi (58.6-241.3 bar), 50°-140°F (10°-60°C) • Expansion Range: 400-650 psi (27.5-44.8 bar), 65°-140°F (18°- 60°C) • Includes chiller <p>Understanding Supercritical CO2 Extraction</p> <p>The CDMH.20-2X-2F is an industrial-grade CO2 extraction machine designed for professionals seeking a safe, efficient, and high-capacity extraction solution.. Traditional extraction methods often rely on harsh solvents like butane or propane, which can leave residual traces in the final product, raising safety concerns. Supercritical CO2 extraction offers a cleaner and safer alternative. Carbon dioxide (CO2) is a naturally occurring gas, readily available and non-toxic. Under specific conditions of high pressure and temperature, CO2 transforms into a supercritical fluid, possessing properties of both a liquid and a gas. This supercritical CO2 acts as a solvent, effectively dissolving and extracting desired bioactive compounds from botanical materials.</p>	<p>Used - Good</p> <p>Colorado</p>
<p>Supercritical CO2 Extractor 10L Asset ID: 8565 IES Isolate Extraction Systems</p>	<p>IES supercritical CO2 extraction system 10L - skid mounted, closed loop liquid CO2 Extractor. Model CD10000H-2x-2f</p> <ul style="list-style-type: none"> • Volume: Dual 10L solvent chambers, 10 liters per extraction vessel [20 total liters] • Capacity: 2 – 8.8 lbs (0.9 – 4 kg) per extraction vessel* • Max Flow Rate: 2.4 kg/min +/-5% ** • Solvent Range: 850-3500 psi (58.6-241.3 bar), 50°-140°F (10°-60°C) • Expansion Range: 400-650 psi (27.5-44.8 bar), 65°-140°F (18°- 60°C) • Materials of Construction 304/316 stainless steel • Manual available on request • Chiller by Thermo Scientific ThermoFlex 5000 operated at 2900w at 19 degrees C, rated at 5000w. Circulating chiller <p>Understanding Supercritical CO2 Extraction</p> <p>Traditional extraction methods often rely on harsh solvents like butane or propane, which can leave residual traces in the final product, raising safety concerns. Supercritical CO2 extraction offers a cleaner and safer alternative. Carbon dioxide (CO2) is a naturally occurring gas, readily available and non-toxic. Under specific conditions of high pressure and temperature, CO2 transforms into a supercritical fluid, possessing properties of both a liquid and a gas. This supercritical CO2 acts as a solvent, effectively dissolving and extracting desired bioactive compounds from botanical materials.</p>	<p>Used - Good</p> <p>Colorado</p>

Infrastructure		1 Items
<p>Portable Control Room Asset ID: S194</p>	<p>BD control room - see LOT 194</p>	<p>Unrated</p> <p>Greenwood, MS</p>

Listed in Category Order. Click on an Asset Name for more details.

Instrument		3 Items
<p>Generator Gas Dryer and Analyzer Asset ID: 8881 e One (Environmental One Corp)</p>	<p>GAS STATION™ From E/One</p> <p>GAS STATION is a new modular approach to gas control and monitoring for hydrogen-cooled generators The E/One Gas Station is a modular approach that combines monitoring and control systems onto a single skid</p> <p>MODULES</p> <ul style="list-style-type: none"> Generator Gas Analyzer - GGA The Generator Gas Analyzer (GGA) continuously analyzes generator cooling gas during normal and purge operations to ensure optimum purity levels and maximum operational efficiency. ssembly # HD0135G01. Serial # GS 0109. Single phase, 120 VAC, 30 Watts, 50/60Hz. Thermocnductivity measurements designed for gas flow rates fro 100 to 700 cc/min. Triple-range sensor/analyzer that provides continuous monitoring of gas purity during all phases of generator operation. Generator Gas Dryer - GCD eOne's Generator Gas Dryer (GGD) removes contaminants from the hydrogen cooling gas through all phases of generator operation. Assembly # DD0125G07. Serial # GGD 0112. Single phase, 480 VAC, 2.4 KW, 50/60 Hz. Dual-chamber system continuously dries and recirculates generator cooling gas 	<p>Used - Good</p> <p>Illinois</p>
<p>Isolated Signal Converter Asset ID: S2000 Adtech</p>	<p>Adtech powered isolated signal converter, model SCT 502 snap track mounting. Input 4-20 maDC, output 4020 maDC. Power 115 vac. The Adtech Model SCT 502 AC powered Isolated Signal Converter provides a user configurable solution for ground loops and problems encountered in connecting together recorders, process control systems, computers, DCS and PLC systems. The SCT 502 breaks the galvanic path between the transmitted signal and the output receiving device insuring reliable and accurate signal transfer. Qty (10) - priced separately</p>	<p>Used - Very Good</p> <p>Jacksonville, IL</p>
<p>Load Cell Weight Modules Asset ID: V2266 Hardy</p>	<p>Hardy load cell weigh module HI PRC03-45C with integral load cell model HI RCH04-50K rated at 50,000 pounds each. Includes mounting plates for this weigh module: 16" x 16" leg mounting plate and 14" x 25" base plate. Carbon Steel, zinc plated. Qty (20) - priced separately We can offer a 50% discount if all 20 are bought as a lot.</p>	<p>Used - Excellent</p> <p>Texas</p>

Instrument/Flow Meter, Mass		5 Items
<p>Mass Flow Meter 1" Asset ID: SM01 Micro Motion</p>	<p>Micro Motion 1 inch mass flow meter with transmitter. Model DL100S202SU, Serial 239517. DL sanitary series. Originally calibrated for 53 gpm oil. Sensor attached to flow meter, sn 2395175. Includes transmitter model RFT9739E4SUJ sn 7016482 - for transmitting to plc or touch screen. Suitable for max flow 800 lb/min. (lf Oil at 7,9 lb/gal - max flow 100 gpm). This is a used mass flow meter - we will clean recondition and calibrate to your liquid with warranty 24 months. Allow 3 to 4 weeks ARO</p>	<p>Reconditioned</p> <p>Jacksonville, IL</p>
<p>Mass Flow Meter 1/4 in Asset ID: S3101 Micro Motion</p>	<p>Micro Motion 1/4 inch mass flow meter DS series, stainless steel 316. Meter Model DS025H999SU, ser 214093. Sensor mounted on meter. Temp range from -240 to 177 C.</p>	<p>Used - Excellent</p> <p>Jacksonville, IL</p>
<p>Mass Flow Meter 2" Asset ID: 1450 Micro Motion</p>	<p>Micro Motion mass flow meter with transmitter. Model CMF200M418PU. Remanufactured. Material: 316L, size 2" x 1 1/2" 105# weld neck RFF. Nominal flow rate 105,000 lb.hr, max flow rate 192,000 lb/hr. Transmitter is remanufactured model RFT9739MVD, 4-20 ma HART protocol. Allow 2 weeks ARO for shipping.</p>	<p>Remanufactured Rebuilt</p> <p>Louisiana</p>

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Listed in Category Order. Click on an Asset Name for more details.

<p>Mass Flow Meter 2" Asset ID: 1959 Micro Motion</p>	<p>Micro Motion Coriolis mass flow meter Model R200S41-4188, Size 2". Serial number 14102359. All wetted parts stainless steel 316L Transmitter is 1700 single variable field mount transmitter with back lit dual line display. Last used in margarine service. Sold As Is but we can recondition for you for extra - ask for a quote. Reconditioning will include cleaning, pressure testing, calibrating to your specifications, transmitter testing, and warranty.</p>	<p>Used - Good Jacksonville, IL</p>
<p>Mass Flow Meter 4" Piping ss (8) Asset ID: 1727 SWR</p>	<p>Mass Flow Meter NEW. Size 4" pipe flanged. SWR type DensFlow HD DN4, model 75-5080-11.2B or some are 75-5080-11.2C PN825. Process temp -10 to +120 C. Max pressure 1650 psi (110 bar). Output 24 vDC/0.3A. Made in Germany, distributed in USA. Stainless steel, ceramic lined. DensFlow is a measuring system specially developed for flow metering of solids in dense-stream conveying. DensFlow is used in the online measurement of powders or granules. Contactless measuring - no mechanics. Quantity (8) - priced separately</p>	<p>New, Old Stock Marissa, IL</p>

Instrument/Flow Transmitter		1 Items
<p>Transmitter for Mass Flow Asset ID: S2301 Micro Motion</p>	<p>Transmitter for Micro Motion mass flow meter. Elite Model RFT9739E4SUJ, sn 7016467. 85-250 VAC, 50/60 Hz, ,Explosion proof.</p>	<p>Used - Good Jacksonville, IL</p>

Instrument/Level Transmitter		3 Items
<p>Level Transmitter Asset ID: S1210 Foxboro</p>	<p>Foxboro Electronic level transmitter, 827DF-IS1NHSA1, Ref. No. 86N50387-1A2, 250 deg F max, 12.5-65 VDC, MWP 150 PSI, range 0 to 170 inches water (14 ft), 3" flange. Used</p>	<p>Good Jacksonville, IL</p>
<p>Level Transmitter XP Asset ID: L215 Foxboro</p>	<p>Foxboro Pressure Level Transmitter with local readout for explosive areas. Silicone interface 316L. Supply 12.5-42 vdc, Output 4-20ma. 07184443. ICP10-T22B21F-M1L1</p>	<p>Used - Good Jacksonville, IL</p>
<p>Level Transmitter, Radar Asset ID: S105 Vega</p>	<p>Vega Puls 65 (PS-65) radar level detector, RECONDITIONED. Quantity (1). Rod style radar transmitter - all wetted parts are PTFE. Range can be set up to 114 feet and accuracy to +/- 8mm (1/4 inch). Temp range -40 to 266F; 1.5" NPT, ANSI Flanges, 2 wire 4-20mA HART, measuring range 0-99'. Suitable for explosion proof environment Class I, Div II and dust environment Class II, Div 1. Reconditioned and Factory certified to be working to factory specs</p>	<p>Reconditioned Jacksonville, IL</p>

Instrument/plc & HMI		1 Items
<p>AB PanelView 900 Asset ID: H2007 Allen Bradley</p>	<p>Allen Bradley Panelview 900. Has 9 inch screen. Cat 2711-K9A2. Series F. Display is AC plasma monochrome 640 x 400 pixel resolution, it has 16 function keys with a keypad operator interface. Serial MK1LN91K, Operator Interface features a DH-485 communication port so the device allows connectivity with an SLC controller, a DH-485 network, a MicroLogix controller, or a Wallmount Power Supply. 100-240 vac 50/60 Hz. Display area 8.27 x 5.17 inches.</p>	<p>Used - Very Good Jacksonville, IL</p>

Instrument/Pressure Gauge		9 Items
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S4M Asset Catalog



Listed in Category Order. Click on an Asset Name for more details.

<p><u>Pressure Gauge & Vacuum 0-300 psi</u> Asset ID: G11 Ashcroft</p>	<p>Ashcroft General Service pressure gauge Model 45-1010-A-02L-30IMV&300#. 4 1/2 inch dial, 1/4 inch NPT Lower connection, 0-300 psi & 0-30 in Hg vac. 2 available, priced separately.</p>	<p>New, Old Stock Jacksonville, IL</p>
<p><u>Pressure gauge 0-100</u> Asset ID: G14 Ashcroft</p>	<p>Ashcroft pressure gauge 2 inch dial. 0-100 psig, brass 1/4 inch back connection</p>	<p>New, Old Stock Jacksonville, IL</p>
<p><u>Pressure gauge 0-160 psi</u> Asset ID: G300 Ashcroft</p>	<p>Ashcroft 45-1279-AS-04B-160# Duragauge Pressure gauge. 4 1/2 inch dial, 1/2 inch NPT, Back connection, No fill (dry). 0-160 psig</p>	<p>New, Old Stock Jacksonville, IL</p>
<p><u>Pressure gauge 0-30 psi</u> Asset ID: G13 Ashcroft</p>	<p>Ashcroft pressure gauge 0-30 psig. Brass 1/4" male NPT.</p>	<p>New, Old Stock Jacksonville, IL</p>
<p><u>Pressure Gauge 0-300 psig</u> Asset ID: G200 Ashcroft</p>	<p>Ashcroft 45-1379-AS-02B-300# Duragauge Pressure gauge. 4 1/2 inch dial, 1/4 inch NPT, Back connection, No fill (dry). 0-300 psig. Qty (2) available, priced separately.</p>	<p>New, Old Stock Jacksonville, IL</p>
<p><u>Pressure Gauge 0-60 psi</u> Asset ID: G19 Ashcroft</p>	<p>Ashcroft Receiver Gauge 45-1279-AS-04L-LL-60#. 1/2 inch NPT Lower connection, Plus! Performance, 0-60 psi.</p>	<p>New, Old Stock Jacksonville, IL</p>
<p><u>Pressure Gauge 0-600 psig</u> Asset ID: SJ208 Anderson</p>	<p>Anderson pressure gauge - NEW, in box. Range 0-600 psig, glycerin filled, 2 inch NPT connection. Model EL08201044111A, S/N 0920989.</p>	<p>New, Old Stock Jacksonville, IL</p>
<p><u>Pressure Gauge, 0-160 psi</u> Asset ID: 6057 Spirax Sarco</p>	<p>Spirax Sarco pressure gauge, 0-160 psi, 1/2 NPT Pressure gauge. New in box. Open box, old stock. 30604862/240610. Made in EU</p>	<p>New, Old Stock Jacksonville, IL</p>
<p><u>Pressure Gauges, Lot of 7</u> Asset ID: 6085 Ashcroft</p>	<p>Lot of 7 used pressure gauges. Ashcroft Duragauge plus! - 4 inch face. 0-160 psi. AISI 316 tube and sockets. Priced for the LOT</p>	<p>Used - Good Jacksonville, IL</p>

Instrument/Pressure Transmitter		1 Items
<p><u>Pressure Transmitter</u> Asset ID: S2302 Foxboro</p>	<p>Foxboro Pressure Transmitter 821GM-DK1NM2, Ref No. 92480188; Used. MWP 150 PSI, supply voltage 12.5-42 VDC; 4-20 ma Output Measures pressure and transmits a proportional electrical signal.</p>	<p>Used - Good Jacksonville, IL</p>

S4M Asset Catalog



Listed in Category Order. Click on an Asset Name for more details.

Instrument/Temperature Transmitter		6 Items
Temperature Probe RTD Asset ID: 2452 Weed instrument	Weed Instrument temperature RTD Model 7E40A1/4150 Temp. probe up to 550F, (used)/ 1/4 probe x 12 inch long. With Crouse-Hinds head enclosure (1/2 CUAB 16). We have thermowells for these RTD's - sold separately. See thermowell asset number 1753. Quantity (32) - priced separately.	Used - Good
		Jacksonville, IL
Temperature Transmitter Asset ID: 6081 Foxboro	Temperature Transmitter - Foxboro micro processor based Temperature transmitter. Model RTT15-T1FSQTXF S/N 07390755 Range 0-200F. With Flanged Thermowell A/SA182F316/316L 2 x 150 BLRF B16.5 NACE SF7168. Unused NEW Old stock	New, Old Stock
		Jacksonville, IL
Temperature Transmitter Asset ID: 6109 Foxboro	Foxboro Temperature Transmitter RTT15-T1FLOTXF 0-300 degrees with Thermowell ANSI B16.5 2" 150#. S/N 08264716. Used	Used - Very Good
		Jacksonville, IL
Temperature Transmitter XP Asset ID: L220 Rosemount	Rosemount Temperature Transmitter for explosive areas. Supply 12-42.4 vdc, Output 4-20ma. Rosemount 3144P DIANAP4 S/N 0506717. 2 wire 0 to 1000F	Used - Good
		Jacksonville, IL
Temperature Transmitters (2) Asset ID: 6123 Foxboro	Lot of 2 used Foxboro RTT15 Temperature Transmitters. 0-200F Qty available (2) - priced separately <ul style="list-style-type: none"> Foxboro RTT15-T1FSOTXF S/N 07390754 0-200F with Thermowell SA182 316/316L 2 x 150 BLRF B16.5 NACE SF7168 Foxboro RTT15-T1FSOTXF S/N 08121943 0-200F with Thermowell SA182 316/316L 2 x 150 BLRF B16.5 NACE MR0175 SF798B 	Used - Very Good
		Jacksonville, IL
Thermowell Asset ID: 1753	Thermowell stainless steel 316 for 1/4" RTD probe. 3/4" FNPT and 1" MNPT x 9 inches long. Used. Fits the RTD we have for sale as asset number 2452. Qty (5) - priced separately	Used - Excellent
		Jacksonville, IL

Lab		17 Items
Cloud Point Analyzer Asset ID: V2221 Koehler	Koehler KLA-1-TS cloud point analyzer	Texas
Constant Temperature Oven Asset ID: V2209 Yamato	Yamato high performance constant temperature oven, forced convection, programmable. Operating temp +15C to 210C at +/- 0.5C accuracy. Stainless steel interior. And 4 ss shelves Has two heaters at 1.5kW. Internal capacity 540 L. Power requirement 220v AC single phase. Ser # 60500486. Price includes loading on your truck. Skidding and protection extra. See data sheet	Texas

S4M Asset Catalog

Listed in Category Order. Click on an Asset Name for more details.

<p>Dissolved Oxygen Analyzer Asset ID: S3205 Mettler Toledo</p>	<p>Mettler Toledo InTap 565 portable dissolved oxygen analyzer. Used. Unit powers up and analyzes. Believe it all works fine but have not tested - just needs calibrating by user</p>	<p>Used - Fair Jacksonville, IL</p>
<p>Flask 20L Asset ID: V2211 Heidolph</p>	<p>Heidolph 20L evaporating flask</p>	<p>Texas</p>
<p>Heater Stirrer Asset ID: V2207 Across Int'l</p>	<p>Across Int'l Digital heating and stirring mantle. Model DigiM500. 500 ml capacity. Stirring from 110 rpm to 1500 rpm, heating from ambient to 300C, flask holder capacity 500ML. Ai DigiM 500mL plug and play magnetic stirring and heating mantle.</p>	<p>Texas</p>
<p>Heater Stirrer Asset ID: V2215 Across Int'l</p>	<p>Across digital heating and stirring Mantle. Model DigiM10. Capacity 10,000 ml. Power 110v, 2100 watts. Serial # 202491</p>	<p>Texas</p>
<p>Lab Centrifuge Asset ID: V2222 Contifuge Stratos</p>	<p>Contifuge Stratos pelletizing continuous flow centrifuge</p>	<p>Texas</p>
<p>Lab Centrifuge Asset ID: 1090 Hettich</p>	<p>Rotofix 46 Benchtop Centrifuge Rotofix 46 Benchtop Centrifuge. Manufactured by Hettich. Model # 4600-01. Specifications:</p> <ul style="list-style-type: none"> • Maximum Capacity 4 x 290ml • Maximum Blood Tubes 4 x 100ml • Maximum Conical Tubes 4 x 165ml • Ambient Temperature, 4000 rpm <p>The Hettich Rotofix 46 Benchtop Centrifuge, for use in the industrial and research laboratory, carries a wide range of accessories for both routine tasks and specialty applications. Based on the popular Rotofix series, the centrifuge is a robust and economical choice for Organic and Inorganic Chemistry, Preparatory and Analytical Chemistry, Electroplating, Petro-chemistry and Dairy. Note: one image is a representative catalog photo.</p>	<p>Used - Good South Dakota</p>
<p>Lab Oven Asset ID: V2212 Across</p>	<p>Across vacuum oven model AT19. serial # 20209007. Temp range ambient to 480F. Power 110v 50/60 Hz single phase, 1500w</p>	<p>Texas</p>
<p>Lab Oven Asset ID: V2216 Galaxy</p>	<p>Galaxy lab oven, convection oven 1600W, 120v single. Half size countertop convection oven.</p>	<p>Texas</p>
<p>Lab Refrigerator Asset ID: M16 Marvel Scientific</p>	<p>Marvel Scientific Refrigerator Model 3RWWR, S/N 20130912109H</p>	<p>Used - Good Morristown, IN</p>

Listed in Category Order. Click on an Asset Name for more details.

<p>Moisture Analyzer Asset ID: 2063 Radwag</p>	<p>Moisture Analyzer Radwag Model MA 50.R. Maximum capacity 50g, heating with IR emitter. Repeatability +/- 0.05% and can read moisture content down to 0.001%. Power supply 100-240 vac 50/60 Hz. Consumption 450W. Physical size 470x380x336 mm, weight 4.8kg pk6020</p>	<p>Used - Good Northern US</p>
<p>Syringe Pump (100 DM) Asset ID: V2218 Isco</p>	<p>ISCO Syringe Pump Model # 100 DM. Serial # 213643. Includes Series D pump controller- unit ID # 621240031. Serial # 213562. Pump is in good working condition. See attachment for the manual.</p>	<p>Used - Good Texas</p>
<p>Syringe Pump (260D) Asset ID: V2425 ISCO</p>	<p>ISCO Syringe Pump Model # 260D. Serial # 196074. Includes Series D pump controller- series # 621240031-94333. Serial # 194626. Pump is in good working condition. See attachment for the manual.</p>	<p>Unrated Texas</p>
<p>Tablet / Capsule Counter Asset ID: 8573 Pharmafill</p>	<p>Tablet or Pill Counter, Automatic. Pharmafill model TCA2-R electric table top pill counter with hopper feed and air guide system. Disk 20 inch diameter. This unit electronically counts tablets and capsules of various sizes and shapes at speeds up to 2000 tab/min or 1000 caps/min. Type AD1001-RA. They can be used to count tablets, capsules, caplets, gel caps (hard and soft), and most common solid oral dose type products. They are also used to count cosmetic gel caps and other products with a shape similar to a tablet or capsule</p>	<p>Used - Very Good Colorado</p>
<p>Turbidimeter Asset ID: M15 Hach</p>	<p>Hach Laboratory Turbidimeter Model TL2300, tungsten lamp turbidimeter. S/N 2018050C0189. See brochure in Links.</p>	<p>Used - Very Good Morristown, IN</p>
<p>Water Bath Asset ID: M21 Revolutionary Science</p>	<p>Water Bath - Poly ProBath Model RS-PB-100 S/N 062411E4</p>	<p>Used - Very Good Morristown, IN</p>

Lab/Chromatograph & Mass Spec 7 Items

<p>Buchi Pump Module Asset ID: V2202 Buchi</p>	<p>The pump modules C-601 and C-605 are the core components of the BUCHI Sepacore® Chromatography systems. The three-piston pump module with a pulse-free flow rate from 2,5 to 250 ml/min guarantees fast separation at a maximum working pressure of 10 bar (145 psi) or 50 bar (725 psi) for isocratic or gradient mode. These pump modules are the core components of the Sepacore® chromatography systems. Quantity (2) priced separately</p>	<p>Unrated Texas</p>
<p>Chiller for GC Asset ID: V2224 Thermo Scientific</p>	<p>Chiller for GC</p>	<p>Texas</p>

S4M Asset Catalog

Listed in Category Order. Click on an Asset Name for more details.

<p><u>Chiller for ICP-OES</u> Asset ID: V2223 PolyScience</p>	<p>Perkin Elmer Polyscience chiller unit.for ICP. Model N0772046, ser number 2F1421211</p>	<p>Used - Excellent Texas</p>
<p><u>Flash Chromatography Buchi</u> Asset ID: V2201 Buchi</p>	<p>Buchi C-850 flash chromatography with flash prep. Includes columns and accessories. Laser class 1, serial 1100008620. Power 360 watts 100-240 VAC 50/60 Hz. Quantity (2) priced separately The BUCHI® C-850 Pure Chromatography System is extremely compact and can be used outside of the fume hood. Choose from flash systems or combination flash/prep HPLC capable of small to large scale purification of complex mixtures. UV detection is standard or choose to add ELS detection to detect all compounds. Cartridge/ column holders on front of the system, Lowest sample loss for ELSD (30 uL/min). See manual in Link</p>	<p>Texas</p>
<p><u>Gas Chromatograph GC-2010</u> Asset ID: V2220 Shimadzu</p>	<p>Shimadzu gas chromatograph Model GC-2010 Plus, with accessories</p> <p>Accessories include:</p> <ul style="list-style-type: none"> • Auto Sampler • Auto Injector • Dell Optiplex Computer • Cables • Syringes • New Exhaust Duct • Septa, Injection Port • Manuals <p>We have chiller for this GC also for an additional cost - see asset V2224</p> <p>Top end capillary GC analysis, redefining sensitivity limits for trace analysis, fast GC applications, and easy, robust operation</p>	<p>Texas</p>
<p><u>HPLC</u> Asset ID: V2219 Shimadzu</p>	<p>HPLC - High Performance Liquid Chromatograph. Shimadzu Prominence-I LC-2030C Plus with PL-GPC50 auto sampler, Aquacounter with UPS battery ,Xtreme Tx90-3000.Serial # L21445750309 US. Has some issues. This machine was damaged in shipping. The main damage is exterior dents and damage due to the mishandling (see page #5 on Info Sheet) The interior of the machine appears to be in remarkably in good condition. The plant has not tested. See pdf file in Links for more information and photos. Loading is included in price - extra for crating or international shipping.</p>	<p>Used - Fair Texas</p>

Listed in Category Order. Click on an Asset Name for more details.

<p>ICP-OES Optima 8000 Spectrometer Asset ID: V2217 Perkin Elmer</p>	<p>Perkin Elmer Optima 8000 ICP-OES spectrometer with S10 Autosampler and accessories. Inductively Coupled Plasma-Optical Emission Spectrometry. Part number N0780010, ser number 078S1402216C. This unit is fully functional and comes with the operating software. SEE attached file for much more information</p> <ul style="list-style-type: none"> • Perkin Elmer Autosampler S10, part number N2020020, ser number 102S13114817 • Dell Optiplex 7010 computer and monitor • See many more detailed photos on the ICP-OES pdf data in LINKS • Includes many power and communication cables • Includes many, ,may accessories - see pdf file <p>This unit as shown is loaded at no charge onto your tuck - any crating or special protection is extra</p> <p>Chiller PolyScience also available for additional cost - see asset number V2223</p> <p>The Perkin Elmer Optima 8000 is a versatile ICP-OES system used for accurate and precise elemental analysis. It's ideal for testing a wide range of materials, including water, soil, metals, and food products. This system is particularly useful in industries like environmental analysis, pharmaceutical testing, and materials science. Its high sensitivity, ease of use, and ability to handle complex samples make it a reliable tool for labs that require consistent and high-quality results.</p>	<p>Used - Excellent</p> <hr/> <p>Texas</p>
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Lab/Fume Hoods		2 Items
<p>Biosafety Lab Hood 4 foot Type B1 Asset ID: 8111 Nuair</p>	<p>Biosafety Cabinet Lab Hood Class II Type B1 by Nuair</p> <ul style="list-style-type: none"> • HEPA Exhaust Filter 11-1/2 inch and supply filter 5-7/8 inch - both are 99.99% efficiency on 0.3 microns • Nominal width 4 foot • Inflow fpm 105 fpm, downflow 70 fpm • Touch link control system • Cabinet stainless steel 304L • Includes stand shown in photos <p>Nuair sterile hood. Series # 66, serial # 181074071917. Manufactured in 2017 and is 115VAC, 60Hz, 1 phase, and 10amps. The NU-427 preserves the Class II Type B1 cabinet's traditional role of serving as an intermediate option between recirculating and total exhaust cabinets but with a control system fit for modern applications. By exhausting air from the entire length of the back half of the work zone through slots in the back wall, this design not only allows users to continue the recommended practice of working "clean to dirty" and deep inside the work zone but also leaves the dish work surface intact to retain spills. This exhaust is powered by an external facility blower that is interlocked with the cabinet's own motor through a redundant system to provide two layers of protection that minimize the risk of blowing air out of the cabinet should the external blower fail: cabinet exhaust is monitored by not only a mechanical pressure switch but also a differential velocity pressure-flow grid. A touch screen displays the readings from both this flow grid and a downflow sensor in the work zone at all times for the cabinet operator. Standard models meet the requirements of the respected NSF/ANSI 49 standard for biosafety cabinets.</p> <p>Two available (priced separately)</p>	<p>Used - Very Good</p> <hr/> <p>Vermont</p>

Listed in Category Order. Click on an Asset Name for more details.

<p>Lab Hood, Filtered Asset ID: 2443 Labconco</p>	<p>XPERT Filtered Balance Systems Lab Hood</p> <p>XPERT Filtered Balance System With Guardian Airflow Monitor. Manufactured by Labconco. Model # 3950301. serial # 080587564. Power for fan and light Single phase, 115v, 14amp. Contains built in blower and exhaust HEPA filter Containment-enhancing features ensure that potent powders frequently found in pharmaceutical, dry chemical, and industrial hygiene applications are kept away from the operator.</p> <ul style="list-style-type: none"> • 3 ft wide and includes stand • No outside ducting required • Accommodate large analytical and micro balances • Intrinsically safe, negative-pressure design • Space-saving design—no separate filtered exhauster is required • Fluorescent lighting 	<p>Unrated</p> <p>South Dakota</p>
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Lab/Rotary Evaporator		3 Items
<p>Rotary Evaporator 20L Asset ID: 8833 Heidolph</p>	<p>Heidolph Hei-VAP PRO 20L Rotary Evaporator Package</p> <ul style="list-style-type: none"> • Hei-Chill 5000 Chiller included • Hei-Volume Distimatic automatic module system included <p>5 - 8 months of slight usage - essentially like new. Excellent condition, original boxes for glassware and parts. Evap P/N 518-16102-02-0, serial no. 200327336. 230v single phase 50/60 Hz. Chiller P/N 591-00710-01-0, serial No. S200003716 Refrigerant R-449A, 220v Quantity (2) - priced separately</p>	<p>Used - Excellent</p> <p>Texas</p>
<p>Rotary Evaporator, Lab Size 50L Asset ID: 2354</p>	<p>Vertical Condenser Rotary Evaporator 50L</p> <ul style="list-style-type: none"> • 50L Rotary Evaporator - voltage 220 single phase • Chiller DLSB-50/30, voltage 220v single phase. • Rotate speed 0-122 rpm • Very few hours • Spare parts package- Does not include vacuum pump <p>The rotary evaporator can be rotated under constant temperature and under negative pressure to form a film, and is condensed and recovered in the evaporation solvent. It is especially suitable for concentration, crystallization, separation and recovery of heat sensitive materials. It is an important equipment for scientific research, pilot test and production in bio-pharmaceutical, chemical, food and other industries.</p>	<p>Used - Excellent</p> <p>Tennessee</p>
<p>RotoVap 10L Rotary Evaporator Asset ID: V2205 Across</p>	<p>Rotary Evaporator 10L - Mfg Across 10L rotovac Solvent Vap Model SE26. See data sheet. As an additional cost, we can add an Across International T40 chiller -40F to ambient, 220v single phase. Check for availability</p>	<p>Texas</p>

S4M Asset Catalog



Listed in Category Order. Click on an Asset Name for more details.

Lab/Scales		2 Items
<p>Balance Scale Asset ID: 8571 Radweg</p>	<p>Radweg electronic analytical balance scale. Max 220g, min 10mg. Analytical balance, Basic line, LCD display, 14-key membrane keypad, ALIBI memory, Readability (g): 0.0001, Min. Sample Weight (g): 0.01, Max. Capacity (g): 220 Product Description: The Radweg Analytical Balance from the Basic line is a precision instrument designed for accurate measurements in laboratory settings. Featuring an LCD display and a 14-key membrane keypad, this balance is user-friendly and efficient. The ALIBI memory function allows for data traceability and record-keeping, ensuring compliance with quality standards. With a readability of 0.0001g, this balance can detect even the slightest changes in weight, making it suitable for demanding applications where precision is crucial. The minimum sample weight of 0.01g ensures that even small quantities can be measured accurately. Despite its sensitivity, the balance has a generous maximum capacity of 220g, providing versatility for a variety of experiments and sample sizes.</p>	<p>Used - Very Good Colorado</p>
<p>Precision Balance Asset ID: M12 Mettler Toledo</p>	<p>Mettler Toledo Precision Balance Model AB104-S/FACT, S/N 1127392477. The Mettler Toledo AB104-S/FACT Analytical Balance is ideal for piece counting, percent weighing, dynamic weighing, or free factor use. Weight output can be read as g, kg, mg, carat, etc. Max capacity 110 g, readability 0.1 mg. Has glass draft shield with sliding doors. See brochure in Links.</p>	<p>Used - Good Morristown, IN</p>

Machining	1 Items
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Listed in Category Order. Click on an Asset Name for more details.

<p>Waterjet Cutting Unit Asset ID: 2727 KMT</p>	<p>KMT Hydroabrasive Waterjet Cutting Unit - Low Hours - Like NEW</p> <p>Specifically designed for either high pressure pure waterjet cutting and Hydroabrasive waterjet cutting. This sale includes the following:</p> <ul style="list-style-type: none"> • Streamline VI 40 Intensifier 480v w/ 40 HP pump and starter • IDE Abrasive System Kit 10/30 w Xfer/Feedline V • Nozzles, adapters, tubing kit, HP gauge 100k psi, extended life diamond orifice • Basic spares kit and tool kit <p>The STREAMLINE VI intensifier standard features:</p> <ul style="list-style-type: none"> • Completely self-contained, minimum-footprint unit with built-in controls and motor starter • Microprocessor control offers intelligent diagnostics • Digital, color touch screen panel with choice of eleven languages • Low voltage (24VDC) internal controls for safety • Standard dual-pressure control to facilitate piercing and kiss cut applications- Standard high-pressure fluid or water leak detection • Variable displacement, pressure-compensated hydraulic pump technology • 60,000 psi design pressure • Exclusive long, slow stroke to minimize cycling fatigue. Electronic reversing • HYPERLIFE seals with superior 4-piece design • Cartridge-type hydraulic seal that can be extracted from the outside to minimize down time • Ceramic plungers. Patented "Quick Plunger Removal" without disassembly of the hydraulic cylinder • Built-in, adjustable inlet water booster pump and filtration system with 10-micron double-length filter • inlet water pressure sensors • High efficiency, heat exchanger in recirculating pump circuit. Conveniently located Dump valve • Enhanced maintenance features includes a separate hour counter, manual piston jog and alarm history • Maximum orifice size .012" <p>Used only for testing. Unit only has 10-20 hours of use. Idle since 2016</p>	<p>Used - Excellent</p> <p>South Dakota</p>
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Material Handling		8 Items
<p>Bulk Bag Unloader Asset ID: BBU-108 Camcorp</p>	<p>Camcorp Bulk Bag Unloader Model BHU4000-H, 2000 pound bag capacity</p>	<p>Illinois</p>
<p>Compressor Oil Gas & Process Asset ID: B2096 Atlas Copco</p>	<p>Gas & Process Fluid VG 32 compressor oil, Atlas Copco PN6970390628 fill date March 5, 2021. NEW 55 gallon drum. Only one barrel remaning.</p>	<p>NEW</p> <p>Peoria, IL</p>
<p>Compressor Oil Turbo Asset ID: B2095 Atlas Copco</p>	<p>Atlas Copco compressor oil, Turbo Oil Plus, PN6970298402, VG46 55 gallon drums. Fill date was Mar 26, 2021. New. Qty (8) - priced separately</p>	<p>NEW</p> <p>Peoria, IL</p>

S4M Asset Catalog

Listed in Category Order. Click on an Asset Name for more details.

<p>Loadout arm Asset ID: BD-1509 Emco Wheaton</p>	<p>Loadout Arm by Emco Wheaton Size 3/4 Model E2313 with Viton Seals</p>	<p>Illinois</p>
<p>SS Skid on Rollers Asset ID: V2240</p>	<p>Stainless steel 304 skid on heavy duty rollers, 4" square tubing. Approx size 7 ft x 10.5 ft x 1 ft tall. Qty (4) priced separately</p>	<p>Texas</p>
<p>SS Skid on Rollers Asset ID: V2242</p>	<p>Stainless steel 304 skid on heavy duty rollers, 4" square tubing. Approx size 80 inches x 10.5 ft x 1 ft tall</p>	<p>Texas</p>
<p>Stainless Steel 55 Gallon Drums Asset ID: 2051</p>	<p>55 gallon drums - stainless steel 304. 16 stainless barrels (drums) available. 2 drums are the ribbed style and 14 are smooth. The 16 lids (covers) have plugs. Please see photos.- some photos show smooth lids, but those are no longer available. Priced by the drum (minimum order 3 drums). Quantity (16) total. Pk6020</p>	<p>Used - Excellent Northern US</p>
<p>Truck Axle Weigh Scale Asset ID: 8572 Walz</p>	<p>Portable Truck Axle Weigh Scales</p> <p>Walz weigh pads (2) plus M6-A indicator panel. Axle Scale Features:</p> <ul style="list-style-type: none"> • 60,000 lb+ axle capacity axle scale • Pad dimensions: 31.5" X 17" • Quality, durable aluminum construction • Water resistant design 	<p>Used - Very Good Colorado</p>

Material Handling/Biomass Handling

3 Items

Listed in Category Order. Click on an Asset Name for more details.

<p><u>Biomass Bale Handling & Grinder System</u> Asset ID: 1710 West Salem Machinery</p>	<p>Biomass Bale Handling System</p> <ul style="list-style-type: none"> • 4 infeed processing lines for bulk bale handling and grinder plus silo and baghouse • Bale size was 3' x 4' x 8' long - processed in modules of 6 (2 bales wide x 3 bales high). • Capacity 465 tons/day x 4 lines - 1,860 TPD. <p>Each line can hold 2 trucks worth of bales prior to the singulator (150 tons total (288 bales). Each line includes automatic singulation, de-stringing, coarse chop of bales, hydraulic power pack, and then grinders. The silo collects "fines" from the operation for disposal. This system fed an ethanol plant, and a biomass boiler/cogeneration system. Ideal for both. Grind size was <1" but screens can be changed to modify grind size. The biomass handling equipment would work perfectly in preparing biomass for a pelleting operation, or for burning in a biomass boiler from the included silo. Or this could be entirely repurposed to your need. Built 2013 - in very good condition. The general layouts and general description of this equipment are attached as links for more detailed information.</p> <p>This system has been removed except for the silo/baghouse system.</p> <ul style="list-style-type: none"> • See links for drawings and description. • See video of system in links - biomass system starts at 0:57 second mark. 	<p>Used - Very Good</p> <p>Kansas</p>
<p><u>Live Bottom Hopper (3)</u> Asset ID: 7896 Laidig</p>	<p>Live Bottom Hopper Receiving Pit Feeders</p> <p>New, Old Stock. Never Used Laidig 14' x 14' Multi-Screw (Auger) Receiving Pit System. (Three available-priced separately).</p> <ul style="list-style-type: none"> • (4) augers 24" dia in a common trough (allow for a 14' x 14' square pit opening in the floor above & 9' x 9' from centerline of pit to centerline of outlet, each driven by a 10HP motor 230/460V, 60Hz @ 1750RPM, TEFC with direct drive gearbox • Anti-jam sensors and zero speed switch • Support legs to concrete floor <p>Designed for</p> <ul style="list-style-type: none"> • Particle size 1/2" minus • Bulk Density: 25 lb/cu ft • Up to 75% moisture content • Ambient operating temperature • The hopper/receiving pit is designed to deliver 133 cubic feet/minute (100 tons/hr @ 25 PCF) <p>No control panels are included. We can supply control panels for additional. Three available- priced separately.</p>	<p>New, Old Stock</p> <p>Kentucky</p>

Listed in Category Order. Click on an Asset Name for more details.

<p>Plug Screw Feeder Asset ID: B-1011 Valmet</p>	<p>Valmet Plug Screw Feeder with Pre-Compression Screw and Shredder</p> <p>These units are NEW old stock, never used Designed for infeed raw material chips density 100 kg/m³, moisture content 20-48% Design flow rate 530 dry tons per day soft wood chips (500 BDST/D); Max capacity 1000 BDST/D; Turndown rate 50%</p> <p>Valmet plug screw feeder</p> <ul style="list-style-type: none"> • Fed by a pre-compression screw section, and 48" shredder at outlet • 850 HP Siemens motor 1750 rpm 460v 3/60 • Gear Reducer ratio 25:1. Nominal speed 69 rpm, range 35-105 rpm • Skid size approx 25 ft long x 7 ft wide x 4.6 ft tall. Total weight including motor 45,400 lb • Inlet 35.83" x 25.79" <p>Pre-compression screw</p> <ul style="list-style-type: none"> • Materials of construction stainless steel 304L for all contact parts • Sits on top of plug screw at 90 degrees with s 24" diameter- top force feed • Capacity Volume/Revolution inlet/discharge: 45 L / 22.5 L. Capacity / revolution at 110 kg/m³ = 5.46 BDST/D and net max capacity at 110 kg/m³ = 530 BDST/D • 250 HP motor 1750 rpm 460v 3/60 v-belt drive to gear reducer V-belt reduction 1:52 • Gear reducer SEW Eurodrive ratio 18:1. Final rpm nominal speed 65 rpm, range 45-97 rpm • Overall size approx 15.2 ft long x 7 ft wide x 5.8 ft tall, weight 17,300 lb • Outlet: 35.83" x 25.79" <p>T-Pipe 48" Shredder</p> <ul style="list-style-type: none"> • Fed from plug screw feeder 24" biomass inlet • MAWP 350 psig at 800F • 100 HP motor 1750 rpm 460v 3/60 • Gear reducer 8.9:1 for nominal 197 rpm • Shredder size approx 5 ft x 10.6 ft x 9.3 ft tall, weight 23,650 lb • Outlet 24" flange 600# <p>Condition - These units are sealed against weather, protected, and in long term storage inside a third party protected warehouse. No known refurbishment required - assets are sold As Is Where Is.</p>	<p>New, Old Stock</p> <p>Georgia, USA</p>
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Material Handling/Fork Lifts & Hoists		1 Items
<p>Chain Hoist 10 Ton Asset ID: B2074 Chester</p>	<p>Chester 10 Ton Chain Hoist with trolley, manual. Model Zephyr, SN ZLG-7175. NEW, Old Stock. Low headroom trolley hoist. Approx size for shipping 29" x 50" x 36" high</p>	<p>New, Old Stock</p> <p>Peoria, IL</p>

Material Handling/Hoppers & Weigh Scales	3 Items
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Listed in Category Order. Click on an Asset Name for more details.

<p>Base with Load Cells Asset ID: AF3 Sartorius</p>	<p>Steel machine base with 3 load cells at 120 degrees apart. Base dimensions 80" x 80" on legs 28" tall. Construction is carbon steel 6" I-Beams. Load cells are Sartorius Type PR6011/30N by Sartorius Mechatronics, made in Germany. Rated at 10,000 kg each. New name Minebea Intec PR6011/30N. See dataweigh.com and brochure in Links.</p>	<p>Used - Fair Illinois</p>
<p>Hopper 590cf Asset ID: AF7</p>	<p>Hopper feeder with screw conveyor under (see asset F5). Carbon steel. Hopper size 122" x 122" x 41" deep with 45 degree slope 52" deep to flanged outlet slot. Approx capacity 590 cu ft. On legs 11 ft long for OAH approx 18.75 ft. Has bin vibrators on side and VibraRod vibratory level sensor on top. Closed top with approx 18" round inlet to accept drop from conveyor or feed.</p>	<p>Used - Good Illinois</p>
<p>Multi-Head Weigher Asset ID: 8812 JDA Process Packaging</p>	<p>Multi-head Weigher</p> <p>Model RS10 used for high-speed particulates. Proprietary hopper / feeder design eliminates flow control variables. Weigh mode retained with each program - switch from grams to pounds to ounces, etc. at the touch of a key. Includes all linear plates, feed buckets, weigh buckets and funnel plates.</p> <p>Specifications:</p> <ul style="list-style-type: none"> • Resolution: 1 /100 oz. (1 /10 gram) • Capacity: 1 lb. (500 gram) standard to 5 lb. (2.5 kg) optional • Hopper size: 1.75 cubic feet (50 liters) standard to 12 cu. feet (340 liters) optional • Electrical: 220 volt, single phase, 1 amp, 60 hertz • Air requirements: 60 psi, less than 1 /10 cfm • Speed: 10 - 18 cycles per lane per minute at 2/10% (.2%) accuracy 	<p>Used - Good Colorado</p>

Material Handling/Mills & Hammermills		4 Items
<p>Fine Grind Air Swept Mill Asset ID: 2037 Stedman</p>	<p>Stedman fine grind air swept mill, Model Micro Max 5400. Carbon steel. Designed for 5-7 tons/hr of Hi-Cal limestone, feed size 3/8". Output was set at 200 mesh. Sometimes got to 300 mesh. Chamber approximate 55" diameter. Double rotor. Serial no. MM010. Driven by 400 HP motor 3/60/460v 1790 rpm. Comes with 400 HP soft start</p>	<p>Used - Good Illinois</p>
<p>Pin Mill Impact Mill Asset ID: M2002 Sturtevant</p>	<p>Pin Mill - Centrifugal Impact Mill</p> <p>Sturtevant Model 3B Simpactor Mill, 16" diameter, carbon steel construction. Set up with 6" x 6" flanged inlet with 6" diameter center bottom discharge. Includes 2-part rotating discs, driven by 10 HP inverter motor, rated for 230/460 V, 3-phase, 60 Hz, 3425 RPM. Includes v-belt drive with guard. Serial number 504.</p> <p>The Simpactor® pin mill is a centrifugal impact mill that reduces low to medium density materials to uniform, fine particle sizes of 50-325mesh. The Simpactor® is used in milling applications where low maintenance and low wear are critical. Typical Simpactor® milling applications include food product processing such as corn fractionation, flours, starch densification, corn slurry, sugar and sweeteners. Semi-abrasive material applications including aluminum sulfate, fertilizer, gypsum, soda ash, deagglomerate powders including tungsten), talc, clay and kaolin</p>	<p>Used - Good California</p>

Listed in Category Order. Click on an Asset Name for more details.

<p>Pin Mill Impact Mill Asset ID: M2003 Sturtevant</p>	<p>Pin Mill - Centrifugal Impact Mill</p> <p>Sturtevant Model 3B Simpactor Mill, 16" diameter, carbon steel construction. Set up with 6" x 6" flanged inlet with 6" diameter center bottom discharge. Includes 2-part rotating discs, driven by 10 HP inverter motor, rated for 230/460 V, 3-phase, 60 Hz, 3425 RPM. Includes v-belt drive with guard. Serial number 703.</p> <p>The Simpactor® pin mill is a centrifugal impact mill that reduces low to medium density materials to uniform, fine particle sizes of 50-325mesh. The Simpactor® is used in milling applications where low maintenance and low wear are critical. Typical Simpactor® milling applications include food product processing such as corn fractionation, flours, starch densification, corn slurry, sugar and sweeteners. Semi-abrasive material applications including aluminum sulfate, fertilizer, gypsum, soda ash, deagglomerate powders including tungsten), talc, clay and kaolin</p>	<p>Unrated</p> <p>California</p>
<p>Wood Grinder Asset ID: 7444 Arasmith Mfg</p>	<p>Wood Grinder</p> <p>Arasmith MFG. Co. - Service No. 34.30.HH.1517.596 14.HT.2ADW/8 HAS2</p> <ul style="list-style-type: none"> • Infeed opening 30" x 18" • Powered by 100 HP Lincoln AC Motor, TEFC Energy Efficient, RPM 1765, Frame 405T, Volts 230/460, Amps 226/113, 3 Phase, 60 Hz • Safety switches on all guards and doors to shut the machine off and not allow to turn on when guards or inspection doors are opened. • Wood Grinder has been reconditioned and owner says it is in great working condition. Customer will have to make that decision. We are selling As Is Where Is. • This grinder was being used to make mulch. 	<p>Reconditioned</p> <p>Illinois</p>

Material Handling/Rolling Stock		1 Items
<p>Flatbed Trailer Drop Deck Asset ID: AF98 Utility Trailer Corp</p>	<p>Semi trailer - Drop deck trailer for semi truck. Mfg by Utility Trailer Corp in 1983. Length 45 ft x 96" wide. GVWR 90,000 pounds. VIN 1UY FS2448 EA9783 09.</p>	<p>Used - Good</p> <p>Illinois</p>

Misc		3 Items
<p>Ammonia Sensors (5) Asset ID: S4055 Sierra Monitor Corp.</p>	<p>Ammonia Sensors</p> <p>The SMC 5100-25-IT is a toxic gas detector within the SMC Sentry IT platform, designed to monitor for ammonia. It can be used as a standalone 4-20 mA device or as a Modbus RTU node within a larger system. The detector features an integral LED display for easy access to gas concentrations, relay statuses, and diagnostics. It also has a menu-driven system for configuration and a long calibration interval, reducing maintenance costs. Priced separately.</p>	<p>Unrated</p> <p>Illinois</p>

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Listed in Category Order. Click on an Asset Name for more details.

<p><u>Ball Bearing</u> Asset ID: O15 Rollway</p>	<p>Rollway Ball Bearing 6208NR. Radial/Deep Groove Ball Bearing-Round Bore, 40 mm ID, 80 mm OD. New - in box. New, old stock. 3 available, priced separately.</p>	<p>Unrated Jacksonville, IL</p>
<p><u>Throttle screw insert</u> Asset ID: O46 Bosch</p>	<p>Rexroth Bosch 0821201106 Throttle screw insert, pneumatic replacement part. (2) available, priced separately</p>	<p>New, Old Stock Jacksonville, IL</p>

Mixer		2 Items
<p><u>Mixer</u> Asset ID: AG-110 SPX Lightnin</p>	<p>SPX Lightnin mixer model 14S1, Last used as FD-DE Pre Coat Mixer</p>	<p>Illinois</p>
<p><u>Mixer</u> Asset ID: AG-213 SPX Lightnin</p>	<p>SPX Lightnin model X5S150 agitator, Last used as Hydrolysis Decanter Mixer</p>	<p>Illinois</p>

Mixers/Blender		1 Items
<p><u>Ribbon Blender, Double 155 cf</u> Asset ID: 2044 Gurdin</p>	<p>Chuck Gurdin double ribbon blender mixer, stainless steel. Insulated. Also comes with load cells scale. Speed adjustable with VFD. Capacity 155 cu ft. Approx size 55" x 168" long x 90" tall. Drum dimensions 44" wide x 120" long x 53" high. Driven by 25 HP motor 1755 rpm with Dodge gear reducer. Clearance Height from ground to discharge port is 30"-32". Part of an entire CBD extraction system - enter PK6020 to see all components.</p>	<p>Used - Very Good Northern US</p>

Office/Ink & Toner		1 Items
<p><u>Toner Cartridge</u> Asset ID: 1299 Katun</p>	<p>Toner Cartridge - Minolta DI-450/470/550 Katun Performance - 8936-902 Black (Copier)</p>	<p>Unrated Jacksonville, IL</p>

Oil Processing/Bleaching		1 Items
<p><u>Bleacher - 150 TPD Stainless</u> Asset ID: 5718 DeSmet</p>	<p>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 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 Masoneilan stainless steel 2" pneumatic control valves. Vacuum unit not available. Includes operators manual. Idled 2014. We have quoted removed and loaded but removal is an estimate. If serious, we can get a quote.</p>	<p>Kingston, Jamaica</p>

Oil Processing/Deodorizer		1 Items
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Listed in Category Order. Click on an Asset Name for more details.

<p>Deodorizer 350 STPD (partial) Asset ID: 8233 Crown</p>	<p>Crown Continuous Deodorizer 350 STPD (partial) NEW, old stock</p> <p>Major pieces to a deodorizer system, built in Malaysia and never used. The system can be used for deodorization in chemical refining or deacidification and deodorization in physical refining. Designed originally for a plant in the USA and built to all USA design standards. Supply of this equipment includes</p> <ul style="list-style-type: none"> • Deodorizer, double shell packed column stainless steel 316. with heat bleaching section and integrated vapor scrubber. (70% complete) • Post Deodorizer. Packed column ss 316 (80% complete) • Deaerator. Packed column type for full vacuum operation, stainless steel 304L. (80% complete) • Distillate Receiver. Vacuum vessel, dished ends 304L stainless (80% complete) • Chilled Loop Vacuum System. For absolute pressure 1.1 to 1.3 Torr absolute. Hot well tank and glycol tank (70%/90% complete) <p>We are selling this partial system - ready for shipment or completion. Specs and details available for this partial system, and for completion/cost of entire deodorizer on request.</p>	<p>New, Old Stock</p> <hr/> <p>Malaysia</p>
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Oil Processing/Fractionation & Winterizing

1 Items

Listed in Category Order. Click on an Asset Name for more details.

<p>Fractionation System 118 MTPD Asset ID: PK-1200 DeSmet</p>	<h3>Fractionation Systems Pressure 30 bar</h3> <p>TWO complete systems including all tanks, pumps, heat exchangers, fitters, piping and controls. Footprint of BOTH systems is 50 ft x 67 ft x 28 ft tall. Operated in USA until 2007, relocated to Guadalajara in 2010. Installed & never restarted. Photos are US installation.</p> <h4>78 MTPD System</h4> <p>Fractionation system - DeSmet, rated at 30 bar (450 psig). Built 1997. Includes (18) vertical crystallizers and membrane filter with 69 plates polypropylene. Capacity 78 MTPD based on first fractionation soybean oil – OR - 18 MTPD OUTPUT based on 2nd Fractionation = 10.5 million pounds product + 3.5 million pounds by-product.</p> <ul style="list-style-type: none"> Membrane filter made by Industrierterrein Wijngaardveld AALST, Belgium. Serial 150 10. Type OGFP1500, rated at 30 bar. Has 69 plates, 1500mm x 1500mm. Filter cake volume = 2,875 liters (759.5 gallons). Filter area 255 sq m, with 25mm cake per cavity. Automatic with plc/HMI. Hydraulic system with dual acting cylinder. <h4>40 MTPD System</h4> <p>Fractionation system - DeSmet. System built 2000. Includes (6) vertical ss crystallizers and Filox membrane filter with 36 plates polypropylene. Capacity 40 MTPD based on 1st fractionation Soybean – OR - 5 MTPD OUTPUT based on 2nd Fractionation = 2.5 million pounds product + 1.5 million pounds by-product. Stainless steel trough and auger system.</p> <ul style="list-style-type: none"> Filox membrane filter rated at 30 bar (450 psig). Made by Filox - Filtertechnik GmbH, Germany. Type MKF150-36-250H, serial 2117. Has 36 polypropylene plates, 1500mm section - cake volume 1500 liters, cake thickness 25mm, 40.5 sq m filter surface area. Automatic with plc/HMI. Hydraulic system with dual acting cylinder. Hydraulic unit 15HP. Size 6535mm lx 2820mm x 2610mm tall, weight empty 34,785 kg. J4744 FRAC1 <p>NOTE: Missing a 25 ton and an 80 ton chiller that will have to be replaced for a full system. Both systems include all tanks, pumps, electrical, and control systems. Capacity will vary depending on feedstock</p>	<p>Used - Very Good</p> <p>Mexico</p>
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Oilseed Processing		2 Items
<p>Dehuller Asset ID: 2344</p>	<h3>Impact Dehullers</h3> <p>These impact dehuller are custom made to resemble Codema VSH-2096. They are robust and last used in the hemp industry. The builder made it a little easier to clean out. Capacity was approx 400 lbs/hr each for whole grain hemp. Other trials suggest that other grains would be 800 lbs/hr or more, depeneding on grain. Direct drive by 3 HP motor 1100 rpm 460v 3/60. Idled in 2021. Five gray hullers are identical, the one tan dehuller has bottom down-slopes that are a bit wider. Hullers are 37" tall on top and 51" bottom cone, 32 1/2" wide/diameter. inside of huller is 27 1/2". Inlet size 4", outlet size 2 x 5" (18 inch center to center). Selling grey/white dehuller only - does not include grader underneath.</p> <p>Previous use was on hemp, throughput would be around 400lbs per dehuller per hour. They can run other grain.</p> <p>Qty (6) - priced separately. We can sell these singly or make a package deal.</p>	<p>Used - Very Good</p> <p>Winnipeg, Canada</p>

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Listed in Category Order. Click on an Asset Name for more details.

Gravity Separator Asset ID: 2345 Forsberg	Forsberg Inc. Vacuum Gravity Separator, Model 50V. Carbon steel, and wood construction. 19 Square feet deck area. Driven by a 1/2 hp, 3/60/208-230/460 volt, 1725 rpm motor. Manual speed adjustment. End feed, side discharge with divider blades for heavies, mediums, lights, and cull discharge. Idle since 2021, stored in protected warehouse. serial 5239, Forsberg 50V rated at 6000 lbs/hr for grains, physical size 64" x 106" x 83" tall. Last used for hemp	Used - Good
		Winnipeg, Canada

Oilseed Processing/Cracking Mill 1 Items

Cracking Mill Asset ID: S3164 Ferrell Ross	Ferrell Ross double stack cracking mill 12x52. Cracker is rated at 825 tons/day. Unit has been removed - ready for loading. Price includes loading on a flatbed.	Used - Good
		Illinois

Oilseed Processing/Flaking Mill 1 Items

Flaking Mill Asset ID: S3155 CPM Roskamp	Roskamp flaking mill SP2800-62 with 150HP motor, rated at 330 tons/day. Has 28 inch diameter centrifugally cast chilled iron rolls. See brochure in Links. Removed and ready to load, price includes loading onto flatbed truck.	Used - Good
		Illinois

Oilseed Processing/Shaker & Screener 1 Items

Grader Drum Screener Asset ID: 2346 Triple S Dynamics	Triple/S thickness graders - drum screener. Idle since 2021. We have 5 total - priced separately <ul style="list-style-type: none"> (3) are Triple/S Dynamics Model E50-1R, serial # CS.7629,7627,7630 (single drums approx 18" dia) (1) double screen Triple/S Dynamics E50 double screen grader (1) T50 grader. All have 18 inch drums, all the same size 4.25" - 4.75" slot sized screens. Driven by 460v motor 3/60.1.5 HP and a 1/2 HP on shaker pan.	Used - Good
		Winnipeg, Canada

Piping 4 Items

Flow Regulator Asset ID: O21 Eaton Dole	Eaton Dole Flow regulator Model GX 12.0 gpm	Unrated
		Jacksonville, IL
Quick Connect Female 1/4 Asset ID: 5422 Speedaire	Speedaire Coupler body 1/4 FNPT 30E653	New, Old Stock
		Jacksonville, IL
Quick Connect Male 1/4 Asset ID: 5421 Speedaire	Speedaire Coupler body 1/4 MNPT 30E655	New, Old Stock
		Jacksonville, IL

Listed in Category Order. Click on an Asset Name for more details.

<p>Relief Valve, Hydraulic Cartridge Asset ID: O13 Sauer Danfoss</p>	<p>Sauer Danfoss direct duty safety relief valve, cartridge type. Valve 1G10-03-V-0-E-B-XXX. Viton seals, external adjustment, 20-80 psi spring pressure. New, old stock. Length approx 5 3/4" Buy It Now - Free Shipping.</p>	<p>New, Old Stock Jacksonville, IL</p>
<p>Piping/Ball Valve 17 Items</p>		
<p>Ball Valve Asset ID: 8140 SVF</p>	<p>4 inch Stainless Steel Flanged Ball Valve. SVF Class 300</p>	<p>New, Old Stock Pennington Gap, VA</p>
<p>Ball Valve 1 1/2 inch Asset ID: 6063 SVF</p>	<p>SVF Fluid Control Inc Flanged Ball Valve B416ATR3P 1 1/2 inch - 150 CF8M</p>	<p>New, Old Stock Jacksonville, IL</p>
<p>Ball Valve 1" Asset ID: 5401 American Valve</p>	<p>Ball Valve 1 inch 125# CS Flanged Ball Valve 200WOG BD693 with handle. American Valve 4000. Qty (4) - priced separately</p>	<p>New, Old Stock Jacksonville, IL</p>
<p>Ball Valve 1" Asset ID: 5403 Sharpe</p>	<p>Ball Valve - meets NACE. Size 1 inch 2000# CS NPT Ball Valve. Sharpe A108 2000 CWP 1 inch NACE MR-01-75 338749. Qty (7) available - priced separately</p>	<p>Unrated Jacksonville, IL</p>
<p>Ball Valve 1" Asset ID: S1208B Sharpe</p>	<p>Sharpe 1" 3 piece steel ball valve. 1000 CWP. Socket weld type. New. There are 4 of these available - priced separately.</p>	<p>New, Old Stock Jacksonville, IL</p>
<p>Ball Valve 1" ss316 Asset ID: 6055B SVF</p>	<p>SVF Ball Valve, 1 inch stainless steel ball valve. ss316. S/S Center section ONLY with TFM Seat & TFE Body seals. Standard port R86066AT10. New, old stock. Still in plastic bag. Dated 4/7/11. This is a lugged valve fitting between two flanges - does not include the flanges. Multiple valves available - priced separately</p>	<p>New, Old Stock Jacksonville, IL</p>
<p>Ball Valve 2" Asset ID: 2451 Flow Tek</p>	<p>Flow Tek F15 - 2" Flanged ball valve - 2 piece. Body WCB, ball/stem 316ss. Class 150# valve, Includes bracket mount for actuator. New, old stock.</p>	<p>New, Old Stock Jacksonville, IL</p>
<p>Ball Valve 2" SS Asset ID: 5744 Flow-Tek</p>	<p>2" Stainless Steel ball valve, Flow-Tek S85 CF8M 1000 WOG; This item is new but has been in storage for some time</p>	<p>New, Old Stock Jacksonville, IL</p>
<p>Ball Valve 3" ss Asset ID: 2453 Flow Tek</p>	<p>Flow Tek RF15 316 Ball Valve 3 inch flanged</p>	<p>Used - Good Jacksonville, IL</p>
<p>Ball Valve 3/8" Asset ID: S1305B Sharpe</p>	<p>Sharpe 50M76 3/8" ball valve. 1000 CWP CF8M.</p>	<p>Used - Very Good Jacksonville, IL</p>

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Listed in Category Order. Click on an Asset Name for more details.

Ball Valve, 1 inch Asset ID: 6105 Apollo	Apollo Ball Valve, 1 inch. 72-105-01. Body, Stem, and ball A108. Seat RPTFE, Pkg MPTFE.	Used - Very Good Jacksonville, IL
Ball Valve, 1 inch Cenrter Asset ID: 6055 SVF	SVF Ball Valve, 1 inch carbon steel ball valve. C/S Center section TFM Seat & TFE Body seals. Standard port R84066AT10. New, old stock. Still in plastic bag. Dated 4/7/11. Does not include the end	New, Old Stock Jacksonville, IL
Ball Valve, 1 inch ss Asset ID: 6099 SVF	SVF Ball Valve, 1" - 150#. Flanged, stainless steel. B41666AG150R2. CWP 275 psi. Temp -40 to 350F. Body CF8M, Trim 316SS, Seat, TFM. Used. Made in China. Built in 2006 but barely used - in great shape.	Used - Excellent Jacksonville, IL
Ball Valve, 1/2 inch Asset ID: 6106 SVF	SVF Ball Valve, 1/2 inch, NPT female ends R84466ATSE. 1500. Threaded connections FNPT. Used.	Used - Good Jacksonville, IL
Ball Valve, 1/2 inch Asset ID: 6069 SVF Flow Controls	1/2 inch ball valve by SVF Flow Controls. High performance 3-piece ball valve model R8 4466ATSE. Quantity (2) available, priced separately	Used - Good Jacksonville, IL
Ball Valve, 1/2 inch Asset ID: 6076 Sharpe	Sharpe ball valves. WC8 1000 CWP, 1/2 inch. Used - 4 available, priced separately.	Used - Good Jacksonville, IL
Ball Valve, 3/4 inch Asset ID: 6104 Sharpe	Sharpe 3/4 inch ball valve. CF8M, 1000 CWP. New, old stock	New, Old Stock Jacksonville, IL

Piping/Butterfly Valve 2 Items

Butterfly Valve 3 inch Asset ID: 6048 FNW742T	FNW 3 inch Butterfly Valve CF8M Body and disc, SS316 stem, teflon seat. Lugged valve - 4 bolt holes. Figure FNW742T. Working pressure 150 psig at 266 F. Made in Korea - used valve. Qty 2 available, priced separately	Unrated Jacksonville, IL
Butterfly Valve 40" Asset ID: 1726 Bray Controls	Butterfly valve 40" 300# rated 740 psi 100F. Bray Controls P/N 434000-1100147Q/CD40 sn C160241184. Body cast iron WCB, stem & disc CF8M stainless steel, seal RPTFE. Made in China 2016. New in crate. Manufacture to ASME B16.34, passed and certified by CE (Europe)	New, Old Stock Marissa, IL

Piping/Check Valve 7 Items

Check Valve 3/4" Asset ID: O9 Bonney Forge	Bonney Forge 3/4 inch Check Valve 800# HL 41 Std Port Bolted Bonnet 022077-0086 A105N. 800# class. 3/4" FNPT Threads. (3) available - priced separately	New, Old Stock Jacksonville, IL
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S4M Asset Catalog



Listed in Category Order. Click on an Asset Name for more details.

<p>Check Valve, 1 inch Asset ID: 6051 DFT</p>	<p>DFT Check Valve, 1 inch. Model WLC 49336. S/N 49336 Class 150. Stainless steel 316 body & trim. Rated MAWP 275 psig @ 100F, 195 psig @ 400F. New, old stock.</p>	<p>New, Old Stock Jacksonville, IL</p>
<p>Check Valve, 1.5 inch Asset ID: 6052 Warren</p>	<p>Warren Size 1.5 inch check valve, Y pattern, pressure rating 200 psig. Body CF8M, Stem 316, Disc CF8M, Fig No. 223. New, old stock.</p>	<p>New, Old Stock Jacksonville, IL</p>
<p>Check Valve, Swing Wafer, 1 inch Asset ID: 6103 Hy-Grade Valve Inc</p>	<p>Hy-Grade 1 inch Swing Wafer Check Valve, T series. Class150 RF 275 WP-100F. S/N 1T20683. 74715. 316-A479. New, old stock</p>	<p>New, Old Stock Jacksonville, IL</p>
<p>Swing Check Valve, 1 inch Asset ID: 6079 Sharpe</p>	<p>Used Sharpe Swing check valve, Size 1 inch with 1" threaded FNPT connections. CF8M, 200 W. P.</p>	<p>Used - Good Jacksonville, IL</p>
<p>Swing Check Valve, 1 inch Asset ID: 6065 Sharpe</p>	<p>Sharpe 1 inch cast stainless steel swing valve. W.P. 200 psig. Body CF8M, Disc 316.</p>	<p>Used - Very Good Jacksonville, IL</p>
<p>Swing Valve, 3/4 inch Asset ID: 6066 Sharpe</p>	<p>Sharpe 3/4 inch Swing Valve. 200 W.P. Body CF8M, Disc 316, Fig 20276. New, old stock.</p>	<p>New, Old Stock Jacksonville, IL</p>

Piping/Gate Valve 2 Items

<p>Gate Valve 16" Asset ID: 6595 Fairbanks</p>	<p>Fairbanks 16" gate valve. New. Figure No. 0405. 150 WOG</p>	<p>Used - Good Grant City, MO</p>
<p>Gate Valve, 1 inch Asset ID: 6064 Vogt</p>	<p>Vogt 1 inch class 800 carbon steel Gate Valve. API 602/ANSI B16.34. Series SW12111 Spec API602/B16.34 Body A105 UG60. Class 800# valve, rated for 1875 psig at 100F. Seat HF. Quantity (4), priced separately. New, old stock</p>	<p>New, Old Stock Jacksonville, IL</p>

Piping/Knife Gate Valves 3 Items

<p>Knife Gate Valve 20" Asset ID: B2077 Orbinox</p>	<p>Knife Gate Valve 20" Stainless steel body and gate with actuator. Full lug, face-to-face 4.5" . Orbinox Pneumatic cylinder actuator Model: PARG4NE3-21, SN: V6245532, Bore 12", Stroke - 21", Press Rating 150 PSI. NEW, Old Stock</p>	<p>New, Old Stock Peoria, IL</p>
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S4M Asset Catalog



Listed in Category Order. Click on an Asset Name for more details.

<u>Knife Gate Valve 30"</u> Asset ID: B2079 ITT Fabri Valve	Knife gate valve 30" with pneumatic actuator, Wafer. Rated 150 lb carbon steel body with ss304 knife. Mfg ITT Fabri Figure 037L304. NEW, Old Stock	New, Old Stock Peoria, IL
<u>Knife Gate Valve, 30"</u> Asset ID: 6122 Metropolitan Valve Inc.	One (1) 30" pneumatic stainless steel knife gate valve, new surplus (unused).	Unrated Minnesota

Plants/Crush & Edible Oil	3 Items	
<u>Canola Crush Plant 48 TPD</u> Asset ID: PK-1400	<p>Canola Crush Extraction Plant 48 TPD</p> <p>Complete cold-press mechanical crush plant with (4) Contrade ET 6160 oil presses at 500 kg/hr each</p> <p>Includes (4) Contrade presses at 500 kg/hr each, (4) PIAB grain vacuum cleaners, cake pelletizer, AMA pressure leaf filter 12.5 m2 with slurry mix tank system, (4) seed silos at 35 m3 each, (3) square cake silos at 30 m3 each, (3) oil tanks at 17,500 L each, pumps, electrical and motor control, material handling elevator leg and conveyors. See Equipment List in Links for details</p>	Used - Good Ontario, Canada
<u>Crush Plant 150 TPD + Refinery 50 TPD</u> Asset ID: PK-2400	<p>Crush Plant 150 TPD --- RBD Refinery 50 TPD</p> <p>This plant was designed to crush and refine organic soybeans from local farmers. Built in 2002 and idled in 2006. The overall refinery is designed to be a 150 T/D soybean processing plant and a 50 T/D refinery with a majority of the technology provided by the Chinese engineering company Wuhan Friendship Food Engineering Co, LTD. The majority of equipment is of Chinese origin but also includes US manufacturers of major equipment (presses, centrifuge, chillers). Offering complete, for sale as a single entity. Most equipment is inside a building and is protected from weather. Crush includes (3) Dupps presses, cooker, hammermill at meal storage. Refinery includes Alfa Laval degumming and ww centrifuges, bleach, deodorization. Quoted as Complete Plant for run-in-place including land and buildings. We can also quote for assets ONLY to be relocated. See flyer brochure and video walkthrough in Links.</p>	Used - Fair New York

Listed in Category Order. Click on an Asset Name for more details.

<p>Crush Plant, Mobile 40 TPD Asset ID: PK-6040</p>	<p>Crush Plant - Mobile. Capacity 40 TPD</p> <p>Crush Pant in a Trailer - ready to roll Capacity 40 TPD or 3600 pounds per hour mobile mechanical pressing/crushing plant built into semi-trailer. This unit has very few hours. Built June 2020 and ran until Aug 2021. The Processing unit extrudes and presses soybeans (or oilseeds) into soybean meal and oil. It is an operational self-contained unit with process controls in a 53' van trailer.</p> <ul style="list-style-type: none"> The unit has 2 InstaPro extruders model 2000R 4-head 100HP with soft start control panel YOM: 1991-1992, 2 Henan 20 ton presses model 6 YL-165 with 50 HP motor, a Tumble Cooler cooling drum 4' dia x 8 ft long with cyclone and airlock, Lonestar roller mill 6x8, oil recycling system, poly oil storage tank 1600 gallons, HMI touch screen controls with RS232 interface and data logging, and Walder oil foots recycle system conveyor and drive 2000 Kentucky semi trailer 53 ft step deck, insulated (tractor nor included) Power: 480 volt 3-phase 60 Hz for a connected load of 350 HP total; can use Generator or Grid power. <p>Sheds and silos shown are not included See flyer with Equipment List in Links</p> <p>Overview: The extruders are in the rear of the trailer, presses in the middle, then the cooling drum and roller mill going forward. Soybeans drop into the extruders from the top of the trailer. The meal exits the side after the roller mill. The oil storage tank is in the front of the trailer. Oil can be pumped straight out the side to a tanker or to the front storage tank. The storage tank was used in the winter and pumped straight into the tanker in the warmer months.</p>	<p>Used - Good</p> <p>North Dakota</p>
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Presses		1 Items
<p>Fiber Filter Asset ID: 2118 Vincent</p>	<p>Vincent Fiber Filter Sludge Press 300-1500 gpm</p> <p>Sludge Press manufactured by Vincent. Model EF-30. Stainless Steel, serial number 17590-8. 30HP with a capacity of 300-1500 gpm. Built in 2019 and is presently installed in operation. Serial 17590-8 (Se fiber filter model FF-30) Featuring fine filtration of high gpm throughputs, the Fiber Filter is a unique machine. It operates continuously with a fabric filter that is vibrated clean by the process flow, requiring only occasional back-flush cycles. Liquid flows with fiber contents ranging from 0.3% to 1.5% are thickened to a range of 4% to 14% solids with the Fiber Filter. The filtrate liquid is remarkably clear. The Fiber Filter can replace equipment ranging from pre-thickening screens to centrifuges. Fiber Filters can be used both to thicken flow ahead of a screw press and to remove fiber from press liquor. Mechanically the Fiber Filter has a rotating paddle impeller that whirls and pulses the incoming fluid against the inside of a cylindrical filter screen. The filter sleeve, held taught in a frame, is made of a woven polymer fabric. The fabric is available in meshes ranging from 25 microns (0.001") to 300 microns (0.012"). Fabric tension is adjusted from outside the machine, improving sanitation and facilitating operation.*</p>	<p>Used - Very Good</p> <p>Washington</p>

Presses/Expander		1 Items
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Listed in Category Order. Click on an Asset Name for more details.

<p>Expander 4.5" Dox Hivex Asset ID: 1068 Anderson</p>	<p>Anderson Expander Expeller 4½" DOX/HIVEX with high shear choke. Slotted wall, pilot expander capacity approx 24 to 34 MTPD. Serial number 11665 Includes Accutherm electric circulation heater. No motor (was sized for 75 HP but not included). Unit only ran for a short time on non-abrasive algae (70% oil). Oilseed Prep: Anderson developed the Dox/Hivex™ expander, an extrusion based design that crushes the seed materials, cooks them, drains their free oils and fats, and efficiently shears their oil cells for the pressing operation. The Dox/Hivex™ is an Anderson patented processing machine which reduces cooking time from the traditional 45 minutes to a total of 20 seconds</p>	<p>Used - Good</p>
		<p>Sioux City, IA</p>

Presses/Expeller		5 Items
<p>Press 60 to 95 MTPD Asset ID: 5450 Shann</p>	<p>Shann Full Press Model 9-99RT Serial Numbers 3294-1 and 3294-2. Motor HP 370. Brand New - never used or installed. Capacity at Full Press rated to 60 MTPD on soybean - with extruder ahead of it can do 95 MTPD. All parts are there - complete press. RT design allows the press to be reversed in case of an overload. Quantity (2) sold together as a lot.</p>	<p>NEW Wisconsin</p>
<p>Press, Oil Press 60-150 TPD Asset ID: 1466 Goyum</p>	<p>Goyum Oil Press Model G-1500</p> <p>This model has been designed in a simple and symmetrical shape. Used as expeller or press. Ser no. 512 with 180HP ABB motor. Built 2007.</p> <ul style="list-style-type: none"> • Capacity: 140 to 150 Ton (In 24 Hours) in pre-pressing and 50-60 Ton in Single & Final crushing (Capacity differs with material density & quantity of oil in it.). • Triple Reduction Gear Box with helical gears of cast steel and pinion shafts of special steel. Gearbox is aligned with all the bodies on a single fabricated base. • This expeller has Three chambers of Cast Steel, vertically hinged. Each of 36" long. • Cake thickness can be adjusted on running Machine. • Worm Assembly, discharge ring, compression ring are all hard faced welded. • Main Worm Shaft can be withdrawn without disturbing the Gear Box. The shaft is water cooled. • Crammer Shaft for extra cramming of the Seed or Cake in the feed body is completely supported on Bearings. <p>Overall Machine Dimensions approx Length:3550 mm, Breadth:1300 mm, Height:3600 mm (including motor for kettle gearbox)</p>	<p>Used - Very Good Iowa</p>

Listed in Category Order. Click on an Asset Name for more details.

<p>Press, Oil Press 60-150 TPD Asset ID: 1470 Goyum</p>	<p>NEW, never installed. Goyum oil press Model G-1500</p> <p>Capacity: 140 to 150 Ton (In 24 Hours) in pre-pressing and 50-60 Ton in Single & Final crushing (Capacity differs with material density & quantity of oil in it.). This model has been designed in a simple and symmetrical shape. Used as expeller or press. Ser no. 512 Has NO Motor. (Designed for 180HP). Built 2007.</p> <ul style="list-style-type: none"> • Triple Reduction Gear Box with helical gears of cast steel and pinion shafts of special steel. Gearbox is aligned with all the bodies on a single fabricated base. • This expeller has Three chambers of Cast Steel, vertically hinged. Each of 36" long. Two of the 3 cage assemblies have been removed. • Cake thickness can be adjusted on running Machine. • Worm Assembly, discharge ring, compression ring are all hard faced welded. • Main Worm Shaft can be withdrawn without disturbing the Gear Box. The shaft is water cooled. • Crammer Shaft for extra cramming of the Seed or Cake in the feed body is completely supported on Bearings. <p>Overall Machine Dimensions (Approx.) Length:3550mm, Breadth:1300mm, Height:3600mm (including motor for kettle gearbox)</p>	<p>New, Old Stock</p> <p>Iowa</p>
<p>Screw Press 60-70 TPD Asset ID: 8403 Krupp</p>	<p>Krupp EP-07 Press, used. We have primed and painted and cleaned it inside and out so the press actually looks as good as if it had been rebuilt. Used As Is, The last application was soybeans where it was running at a capacity of 60-70 TPD on extruded soybean material. Solid Shaft. Discharge has Lump Breaker installed. The press comes with 150 H.P. motor 230/460v 3/60, V-belt drive with pulley. Capacity up to 75 to 80 TPD. It has been setup for a full pressing application but was originally a pre-press and should be able to reconfigured to that (pre-press) if desired.</p>	<p>Used - Excellent</p> <p>Ft. Worth, TX</p>
<p>Screw Press, Sprout Bauer 100 tpd Asset ID: B2107 Sprout-Bauer</p>	<p>Screw Press dewatering press by Andritz Sprout-Bauer Model 575. Main drive Siemens 75 HP motor 460/360 at 1780 rpm. With Falk gear reducer. Capacity approximately 100 short tons per day (tpd) depending on feed stock. Last used for pressing corn germ. See drawing in Links for details. Qty (3) presses - priced separately</p>	<p>Used - Good</p> <p>Peoria, IL</p>

Process		9 Items
<p>Cooling Tower 757 TonsR Asset ID: CT-1004 BAC</p>	<p>BAC Cooling Tower, Model S3E-1222-10P rated at 757 TondR. Certified Capacity 3263 USGPM of water from 98.6F to 89.6F at 78F entering air wet bulb, Galvanized Steel. Single cell with 40 HP fan motor. Two sections for shipping. Circulation pump Sulzer centrifugal 75HP and pipe manifold also available as an extra option. See asset P-1005A</p>	<p>Illinois</p>
<p>Dehumidifier Asset ID: V2210A Frigidaire</p>	<p>Frigidaire dehumidifier 70 pints per day capacity. Air flow 165-194 cfm, noise level 53.4 dB. Power 115v, 690 watts</p>	<p>Unrated</p> <p>Texas</p>
<p>Diesel Blending Skid Asset ID: BD-1508</p>	<p>Killark diesel Blending skid, with 1/2 HP Motor NON 56T17G15520A P</p>	<p>Illinois</p>
<p>Exhaust Hood Asset ID: E2364</p>	<p>Exhaust hood Dimensions: 76"W x 61"D galvanized</p>	<p>Jacksonville, IL</p>

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Listed in Category Order. Click on an Asset Name for more details.

Exhaust hood Asset ID: E2366	Exhaust hood 72"W x 56"D galvanized	Jacksonville, IL
Flash Dryer Asset ID: F-63 Mason Mfg	Flash Dryer. Mfg by Mason Mfg. Shell MAWP 14.7 psi @ 572F, MDMT -20 F @ 14.7 psi. S/N 16-6692	Illinois
Low Temp Freezer Asset ID: V2208 So-Low	Ultra low temperature freezer, So-Low brand. Needs about \$500 work on refrigerant system to put in working shape. Capacity 27 cu ft., temp range from -40F to -112F. Two hermetic compressors 115v single phase	Texas
Ozone Generator 333 Lbs/Day Asset ID: M2006 ABB	<p>ABB Ozone Generator System Type OF 209 L - Quantity (3) available</p> <p>Stainless steel Ozone Generator Vessel (OGV) and Power Supply Unit (PSU).</p> <p>Performance</p> <ul style="list-style-type: none"> • Rated for 333 pounds per day ozone. • 17 psi ozone gas pressure. • 13,320 pounds per day corresponding mass flow. • 84 gallons per minute flow. • 8.5 kWh per pound power consumption. <p>** Features **:</p> <ul style="list-style-type: none"> • OGV: Flanged dished ends with ozone-resistant gaskets, stainless steel (earth) electrodes, and metallized glass (high voltage) electrodes. • PSU: Main switch, main breaker, current rectifier controller, DC-choke, current inverter, high voltage transformer, and Programmable Logic Control (PLC) system. <p>PSU can be controlled manually or by remote set point. System in good working condition when removed from service 3 Units Available - Priced Separately</p>	Used - Good California
Vacuum System Asset ID: P-811 BUSCH	Vacuum system consisting of a precondenser, U-24 KOP, WT0352 booster, U-12 KOP and NC0630 pump. P-811A Booster pump 1242 ACFM, 10 HP, 3515 RPM, 11.6 FLA, P-811B Bio dis vacuum pump 371 ACFM, .000295 Hg, 20 HP, 3600 RPM, 23.2 FLA	Illinois

Process/CIP / COP

1 Items

Listed in Category Order. Click on an Asset Name for more details.

<p><u>COP Tanks & Systems</u> Asset ID: 1975 China</p>	<p>Clean Out of Place (C.O.P.) tanks - .All stainless steel 304. These are all new tanks. The quote offered is for ONE tank in this configuration shown but we offer 4 different sizes and configurations. COP tank length 10 ft x width 24 " x depth 22 ". Overall height 40 ". Internal spray manifolds and external spray manifolds. Solution pump: 5 HP 3,500 rpm 230v 3/60. Includes (4) 6" caster wheels. See tank drawing in Document Link.</p> <ul style="list-style-type: none"> • For 6 foot long COP tank subtract \$1,500 from quotation • For 8 foot long COP tank subtract \$600 from quotation • For 12 foot long COP tank, add \$1,350 to quotation • Note: a pipe draining rack can be provided, we can furnish COP tanks with or without recirculating pump <p>The above outlined Clean Out of Place (C.O.P.) Tanks may be available for shipment, from the manufacturer's factory (China) in an estimated 60 days from date of receipt of an order. Shipping time from the manufacturer's factory to a California Port of Disembarkation is currently erratic; however, believed to be 21-25 days. Terms of Payment: Fifty Percent (50%) deposit with your order Fifty Percent (50%) balance when ready for shipment</p>	<p>NEW</p> <p>Long Beach, CA</p>
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Process/Reactor		6 Items
<p><u>Catalytic Converter Reactor</u> Asset ID: 41-R-168 Wagner</p>	<p>Catalyst 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 19'-11" s/s x 31 ft overall height for approximately 7,600 gallons capacity - tube bed approx 17 ft long. Has 1,028 x 1.9" O.D. tubes Sch 80 stainless steel TP304L, shell cs 516-70 4 inch thick. ASME Nat'l Bd# 55, MAWP shell 2250 psig/FV at 650 F. MAWP tubes 1650 psig at 650F. Converter currently loaded with approx 150 cu ft methanol catalyst - Sud Chemie MegaMax 700. Still installed - price does not include removal. Shipping size will be about 12 ft x 12 ft x 35 ft long. Note: we have the complete reactor module as well with all pieces shown in photos plus instruments - see asset ID FP411.</p>	<p>Used - Very Good</p> <p>Soperton, GA</p>
<p><u>Cavitation Reactor</u> Asset ID: 2446 Hydro Dynamics</p>	<p>Shockwave Power Reactor</p> <p>Shockwave Power (cavitation) Reactor. Model BD50.Total input flow rate is 100gpm, driven by 200HP, and an annual capacity of 55MM / gallon (based on continuous flow and 95% uptime. Idled in 2019 Harnessing the power of cavitation, the Shockwave Power Biodiesel Reactor drives the transesterification reaction to completion in seconds. In true continuous or batch systems, the SPR gives biodiesel producers greater feedstock flexibility and the power to achieve consistently superior quality. The SPR can improve processes to reduce monoglycerides and reduce catalyst utilization.</p>	<p>Used - Good</p> <p>Rome, GA</p>
<p><u>Cavitation Reactor</u> Asset ID: 2447 Hydro Dynamics</p>	<p>Shockwave Power Reactor</p> <p>Shockwave Power (cavitation) Reactor. Model BD15. Total input flow rate is 30 gpm, driven by 60 HP motor, and an annual capacity of 15MM / gallon (based on continuous flow and 95% uptime). Idled in 2019 Harnessing the power of cavitation, the Shockwave Power Biodiesel Reactor drives the transesterification reaction to completion in seconds. In true continuous or batch systems, the SPR gives biodiesel producers greater feedstock flexibility and the power to achieve consistently superior quality. The SPR can improve processes to reduce monoglycerides and reduce catalyst utilization.</p>	<p>Used - Good</p> <p>Rome, GA</p>

Listed in Category Order. Click on an Asset Name for more details.

<p>Fischer-Tropsch Reactors Asset ID: B-1012 Velocys</p>	<p>Velocys Fischer-Tropsch Reactors - NEW, Never Used</p> <p>Capacity Design Rate at 175 bbl/day. New Reactors using Fischer-Tropsch technology.</p> <ul style="list-style-type: none"> • Velocys has a patented catalyst and microchannel reactor system that enables production of SAF and Renewable Diesel from a vast range of sources. • Microchannel reactor provides a compact modular and scalable solution • Catalysts enable high volumetric productivity, 6-10 times that of traditional FT technology • System can achieve high per-pass and overall CO conversion and maximize throughput at same fresh syngas to reduce c.5% OPEX <p>Quantity (4) reactors - priced separately Also available (6) charges of catalyst for these 4 reactors at an additional cost</p>	<p>NEW</p> <p>Houston, TX</p>
<p>Reactor Asset ID: AF4</p>	<p>Reactor vessel. Stainless steel reactor. Material assumed to be ss304. Custom reactor for particle production with gas feeds site ports, instrument ports. Dwyer differential pressure transmitter. Stir/agitator motor drive for shaft at top, 10HP at 1770 rpm. Reactor size is 34" dia x 98" tall for capacity of 350 gallons. Mounted on carbon steel frame. Frame size is 53" x 59" x 157" tall.</p>	<p>Used - Very Good</p> <p>Illinois</p>
<p>Reactor Hydrogenation Asset ID: 1751 DVC Process Technologies</p>	<p>Hydrogenation reactor stainless steel 304. NEW reactor - Volume 20 cu M for a 12.5 MT batch size. (5358 gallons) Has edible oil capacity of 42,000 pounds - designed to run 35,000 pound batches. Cylindrical tank with heating/cooling coils, nozzles for oil, sight glass, hydrogen ports, top mounted agitator. MAWP 90 psig at 500F. OD 2000 mm x height 8000 mm. Shipping dimensions L x W x H are 8000 x 2300 x 2500. Will fit into a 40 ft HC container. NEW reactor so we can design to your needs - lead time 10-12 weeks. FOB India Port Nhava Sheva</p>	<p>NEW</p> <p>India</p>
<p>Process/Vacuum</p>		<p>4 Items</p>
<p>Steam Ejectors Asset ID: B2078 Graham</p>	<p>Graham Steam Ejector System 2-stage, Includes 8" Barometric Precondenser water rated FV & 15 psig. SN: 17-14060-1. We count (6) precondensers, and 5 steam ejectors. Incomplete systems. There should be (3) complete sets there but Buyer will have to inspect. Two skids - priced for the LOT.</p>	<p>Used - Fair</p> <p>Peoria, IL</p>

Listed in Category Order. Click on an Asset Name for more details.

<p>Ultra High Vacuum System Asset ID: V1001</p>	<p>Ultra-high Vacuum (UHV) system</p> <p>Vacuum system is designed to simulate the space environment of a geosynchronous satellite. This includes considerations for vacuum, temperature, radiation, and other factors. Base pressures 1 x 10⁻⁹ to 1 x 10⁻¹⁰ torr. Main pieces listed below - See Details of each in Link.</p> <p>Features</p> <ul style="list-style-type: none"> • Vacuum Chamber: Ultra-high vacuum chamber with all sensors / gauges to simulate the space environment of geosynchronous satellites • Pumping System, Pfeiffer molecular diffusion vacuum pump • Temperature Control • Monitoring and Control System • Safety System, interlocks <p>Capabilities</p> <ul style="list-style-type: none"> • Radiation Simulation • Solar Simulation 	<p>Like New</p> <p>Colorado</p>
<p>Vacuum System Steam Ejector Asset ID: 7114 Gardner Nash Kinema</p>	<p>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. RD-?</p>	<p>Used - Fair</p> <p>Texas</p>
<p>Vacuum System Steam Ejector Asset ID: 7115 Nash Kinema</p>	<p>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. Missing 2nd stage steam ejector (EJ-0315) but we can order it for you. Used - Last used with a thin film dryer - removed and ready to load. RD-79</p>	<p>Used - Fair</p> <p>Texas</p>

Pump		45 Items
<p>Biodiesel Loadout Pump Asset ID: BD-1507</p>	<p>Biodiesel loadout pump</p>	<p>Illinois</p>
<p>Can Pump Asset ID: P-1006 Teikoku</p>	<p>Teikoku Canned Motor Pump F60-3211N4BL-0408SF1-AV, S/N 2016006025, 110 GPM, 214 TDH, Driven by 16.6 HP, 460 volts, 60 Hz, 3 phase. Last used as Dow X Water Pump</p>	<p>Illinois</p>
<p>Can Pump Asset ID: P-102 Teikoku</p>	<p>Teikoku 22 GPM, 155 Ft, 10 HP, 3600 RPM, 14.5 FLA. SN 4014004318 Last used as FD Dryer Feed pump.</p>	<p>Illinois</p>

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Listed in Category Order. Click on an Asset Name for more details.

<p>Can Pump Asset ID: P-107 Teikoku</p>	<p>Teikoku canned motor pump 7 GPM, 148 ft. hd.F41-217U4L-0204S1-AV, S/N FG-1378A, 36.4 GPM, 148 Ft,3.1 HP, 3450, RPM, 7.5 Fla</p>	<p>Illinois</p>
<p>Can Pump Asset ID: P-201 Teikoku</p>	<p>Teikoku Canned Motor Pump F60-3211N4BL-0204F1-AV, s/n 2014004324, 22 GPM, 103 Ft, 5.3 HP, 3600 RPM, 8 Fla. Last used as Filtered FD Feed Pump</p>	<p>Illinois</p>
<p>Can Pump Asset ID: P305 Flowserve</p>	<p>Flowserve Innomag Feed pump 10 HP, 460 volts, 60 Hz, 3 phase with VFD. 1.5x1x8 inches. BM69011100-BCO, Serial 69400, 6.9 inch imp. Diameter. Last used as Methanol Daty Tank Feed Pump</p>	<p>Illinois</p>
<p>Can Pump Asset ID: P-502 Teikoku</p>	<p>Teikoku Feed pump F60-3211N4BL-0204SF1-AV, S/N 2014004326, 15 gpm, 166 Ft. Hd, Driven by 5.3 HP, 460 volts, 60 Hz, 3 phase, with VFD motor. Last used as ME Dryer Feed pump</p>	<p>Illinois</p>
<p>Can Pump Asset ID: P-505 Teikoku</p>	<p>Teikoku Drain pump F60-3215N4BL-0204SF1-AV, S/N 2014004319,20 gpm, 160 Ft. Hd., Driven by 5.8 HP, 460 volts, 60 Hz, 3 phase with VFD motor. Last used as ME Dryer Drain pump</p>	<p>Illinois</p>
<p>Can Pump Asset ID: P-508 Teikoku</p>	<p>Teikoku F60-3215N4BL-0204SF1-AV, S/N 2014004320 pump, 5.8 HP, 460 volts, 60 Hz, 3 phase with VFD. Last used as Post E Dryer Flash Vessel Drain pump</p>	<p>Illinois</p>
<p>Can Pump Asset ID: P-509 Teikoku</p>	<p>Teikoku 3.3 HP, 460 volts, 60 Hz, 3 phase with VFD. Last used as PW Feed pump</p>	<p>Illinois</p>
<p>Can Pump Asset ID: P-703 Teikoku</p>	<p>Teikoku feed pump 15 GPM, 180 ft. hd., driven by 16.6 HP, 460 volts, 60 Hz, 3 phase with VFD. Last used as Feed pump</p>	<p>Illinois</p>
<p>Can Pump Asset ID: P-705 Teikoku</p>	<p>Teikoko Reboiler pump F41-41TU4L-0608T1-AV, S/N FG-1382A, 22.8 HP, 460 volts, 60 Hz, 3 phase. Last used as Reboiler pump</p>	<p>Illinois</p>
<p>Can Pump Asset ID: P-709 Teikoku</p>	<p>Teikoko Reflex pump 25 GPM, 169 ft. Hd., F60-3315N4BL-0204TF1-AV, S/N 2014004322, 16.6 HP, 460 volts, 60 Hz, 3 phase with VFD. Last used as Reflex pump</p>	<p>Illinois</p>
<p>Can Pump Asset ID: P801 Teikoku</p>	<p>Teikoku Feedpump F64-215C4BM-0405S1V-AV, S/N CV-4637-2</p>	<p>Illinois</p>
<p>Can Pump Asset ID: P-807 Teikoku</p>	<p>Teikoku Feed pump 150 GPM, Driven by 1HP, 460 volts, 60 Hz, 3 Phase. Last used as Feed pump</p>	<p>Illinois</p>

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Listed in Category Order. Click on an Asset Name for more details.

<p>Can Pump Asset ID: P-808 Teikoku</p>	<p>Teikoku Reboiler pump FA41-316X4M-0608R1V-AV, S/N CK-2744, 10.1 HP, 460 volts, 60 Hz, 3 phase. Last used as Reboiler pump</p>	<p>Illinois</p>
<p>Can Pump Asset ID: P-B100 Sulzer</p>	<p>Sulzer Pump CPT 21-3, No 100132829, 2725 RPM. Driven by 5.3 HP, 460 volts, 60 Hz, 3 phase with VFD. Last used as B100 Loading Station Pump</p>	<p>Illinois</p>
<p>Centrifugal Pump Asset ID: P-109 SULZER</p>	<p>Sulzer centrifugal pump CPT22-1 LF, SN 100131477, 31.6 GPM, 109.9 ft hd, 6.5. Driven by 5 HP, 1770 RPM, 460 Volts, 60 Hz, 3 phase. Last used as FD DE Vessel Drain pump</p>	<p>Illinois</p>
<p>Centrifugal Pump Asset ID: P-112 SULZER</p>	<p>Sulzer Centrifugal pump CPT-23-1B, S/N 100131147, 40 GPM, 120 Ft. Hd. Driven by 7.5 HP, 460 volts, 60 Hz, 3 phase motor. Last used as VLF Feed pump</p>	<p>Illinois</p>
<p>Centrifugal Pump Asset ID: BDPC-158 Dean Pump</p>	<p>Dean pump 4x6x10 S/N 196598, 1320 GPM at 195 head, TECO 100 HP, 3650 RPM motor</p>	<p>Illinois</p>
<p>Centrifugal Pump Asset ID: P-1003 Dean Pump</p>	<p>Centrifugal Pump 3x4x8 RA3146 Dean pump Division S/N 175506, 235 ft Head, 490 GPM, 3500 RPM, Impeller 7-7/8. Driven by 60 HP, 3550 RPM, 60 Hz Motor. Last used as DowX NF Pump</p>	<p>Illinois</p>
<p>Centrifugal Pump Asset ID: P-1005A Sulzer</p>	<p>Centrifugal Pump CPT31-6 Sulzer 100133882 8x6x13, 120 ft Head, 1500 USGPM, 1770 RPM Driven by 75 HP, 1770 RPM, 60 Hz Motor. Last used as Cooling Tower Pump</p>	<p>Illinois</p>
<p>Centrifugal Pump Asset ID: P-1005B Sulzer</p>	<p>Centrifugal Pump CPT31-6 Sulzer 10013390, 1500 GPM, 120 Ft Hd. Driven by 75 HP, 1800RPM, 460 volts, 60 Hz, motor. Last used as Dow X Water Pump</p>	<p>Illinois</p>
<p>Explosion Proof Pumps (4) Asset ID: 8576 China Zhejiang Yuanya Pump Co.</p>	<p>Sanitary pump with explosion proof motor. Turbine pump for negative NPSH pressure to negative pressure 0.09 Mpa. Pump rated at 1 MT/hr at 30 m head (4.6 gpm at 98.4 ft TDH). Pump inlet/outlet 51mm/38mm. All stainless steel 316L. Motor is 2.2 KW (3 HP) at 3410 rpm 460v 3/60. Quantity (4) - priced separately</p>	<p>Used - Good Colorado</p>
<p>Feed Pump Asset ID: P-404 Teikoku</p>	<p>Teikoku F60-3115N4BL-02045G1-AV, S/N 2014004327 Pump 20 GPM, 92.4 Ft, 3.3 HP, 3600 RPM, 5.5 FLA</p>	<p>Illinois</p>
<p>Feed Pump Asset ID: P304 Teikoku</p>	<p>Teikoku F60-3211N4BL-0204SF1-AV, S/N 2015004881 Pump 20 GPM, 92 Ft, 5.3 HP, 3600 RPM, 8.0 FLA</p>	<p>Illinois</p>

S4M Asset Catalog



Listed in Category Order. Click on an Asset Name for more details.

<p>Liquid Ring Pump Asset ID: P116 BUSCH</p>	<p>Busch Vacuum pump LB0063A AMB XX IX,4 GPM, Driven by 7.5 HP, 1800 RPM, 38 ACFM 5.5 FLA, 28.9 in HG. Last used as FD Dryer Vacuum Pump</p>	<p>Illinois</p>
<p>Liquid Ring Pump Asset ID: P-507 BUSCH</p>	<p>Busch Vacuum Pump Driven by 7.5 HP, 460 volts, 60 Hz, 3 phase. S/N 600015607/1Last used as ME Recovery Vacuum System</p>	<p>Illinois</p>
<p>Liquid Ring Pump Asset ID: P-111A BUSCH</p>	<p>Busch vacuum pump 3.0 HP, 460 volts, 60 Hz, 3 phase. Last used as FD Filter Vacuum System</p>	<p>Illinois</p>
<p>PD Pump Asset ID: P115 SULZER</p>	<p>Sulzer Pump model CPT23-1B designed for Capacity 150 gpm @ 99 Head. 1770 RPM. No. 100131479. Driven by 7.5 HP motor 1800 rpm. Last used as FD Loading Pump.</p>	<p>Illinois</p>
<p>PD Pump Asset ID: P-214 Viking</p>	<p>Viking Positive displacement pump 10.3 GPM, 218.8 Ft, 3 HP, 28 ft Net positive suction head, suction pressure 25.4 psi. Last used as Sweet water drain pump</p>	<p>Illinois</p>
<p>PD Pump Asset ID: P-922 Viking</p>	<p>Viking positive displacement pump by Central State Group, 20 GPM, 160 Ft. Hd., F60-3215N4BL-0204SF1-AV, S/N 2014004317, . 25 HP, 460 volts, 60 Hz, 3 phase. Last used as Glycerin Unloading Pump</p>	<p>Illinois</p>
<p>Plunger Pump Asset ID: P-303 CAT Pump</p>	<p>CAT Plunger Pump 1DXM7562T model 3511.AMI. Designed for Capacity 14 gpm, 3000 max pressure. Motor HP 40 1700 RPM Material 316 SS. Last used as FFA HP Feed Pump.</p>	<p>Illinois</p>
<p>Plunger Pump Asset ID: P-203 CAT Pump</p>	<p>DXP Cat Pump 1DXM75627,10 GPM, Driven by 40 HP, 460 Volts, 60 Hz, 3 phase with VFD motor. Last used as FD HP Feed Pump</p>	<p>Illinois</p>
<p>Plunger Pump Asset ID: P-207A CAT Pump</p>	<p>DXP Cat Pump 1DXM7562T, 10 GPM, Driven by 40 HP, 460 Volts, 60 Hz, 3 phase with VFD motor. Last used as PW HP Feed pump</p>	<p>Illinois</p>
<p>Plunger Pump Asset ID: P-405 CAT Pump</p>	<p>CAT Plunger Pump 1DXM7562T model 3511.AMI. Designed for Capacity 14 gpm, 3000 max pressure. Motor HP 40 1700 RPM Material 316 SS. Last used as Methanol Super-2 HP Feed Pump.</p>	<p>Illinois</p>
<p>Plunger Pump Asset ID: P-307 CAT Pump</p>	<p>CAT Plunger Pump 1DXM7562T model 3511.AMI. Designed for Capacity 14 gpm, 3000 max pressure. Motor HP 40 Material 316 SS. Last used as Methanol Super-1 HP Feed Pump.</p>	<p>Illinois</p>
<p>Plunger Pump Asset ID: P-402A CAT Pump</p>	<p>CAT Plunger Pump 1DXM7562T model 3511.AMI. Designed for Capacity 14 gpm, 3000 max pressure. Motor HP 40 1700 RPM Material 316 SS. Last used as Methyl Ester HP Feed Pump.</p>	<p>Illinois</p>

S4M Asset Catalog



Listed in Category Order. Click on an Asset Name for more details.

Pump Asset ID: P-512 Viking	Viking pump NPE Series S/N 15T1HDA2, 3.0 HP, 460 Volts, 60 Hz, 3 phase with VFD. Last used as Heavy Phase Drain Pump	Illinois
Pump Asset ID: P120	Pump 41 GPM, 92 Ft, 4.6 HP, 3500 RPM, 7.5 Fla, Last used as Biodist. Feed Pump	Illinois
Pump Asset ID: BD-1511	Teikoku Drain pump F60-3215N4BL-0204SF1-AV, S/N 2014004312, 20 gpm, 160 Ft. Hd., Driven by 5.8 HP, 460 volts, 60 Hz, 3 phase with VFD motor. Last used as Pump from BD Dryer	Illinois
Pump Asset ID: P-705A Teikoku	Pump 264 GPM, 138 Ft., 22.8 HP, 3600 RPM, 31 FLA	Illinois
Pump Asset ID: P-706 Teikoku	Teikoku F41-215U4L-02045S1-AV, S/N FG-1379A Pump 13.2 GPM, 29.3 Ft. Hd, Driven by 2.3 HP, 3600 RPM, 3.7 FLA motor	Illinois
Vacuum Pump Asset ID: P-8622 Nash	Vacuum pump by Gardner Denver Nash, Model 44SX010V5K000, 1750 max RPM, Driven by 3 HP, 17670 RPM, 60 Hz motor. Last used as Flash Dryer Vacuum Pump	Illinois
Wet methanol pump Asset ID: BD-1510 Flowserve	Flowserve Innomag Pump BM69011100-BCO, 6.9 Imp. Dia/8.25 inch S/N 68429, 1.5x1x8 inches	Illinois

Pump/Centrifugal		16 Items
Centrifugal Pump Asset ID: 7139B Durco	Durco centrifugal pump. Size 2K 3x1.5-10/96. Serial 405665. Includes 50HP Marathon electric motor @ 3515 RPM. 230/460V, 116/80A. Used - will need reconditioning	Used - Fair Grant City, MO
Centrifugal Pump Asset ID: 7137G	Centrifugal pump with Baldor Super-E Cat. No EM3771T, Spec 07H02W279, Frame 215T, 10 TE HP, sn F999, Volts 230/46, 23.8/11.9 Amps, 3525 RPM, 60 Hz, 3 phase	Used - Fair Grant City, MO
Centrifugal Pump Asset ID: 380-PU-872 Durco	Recirculation pump. 4350 GPM @ 65TDH, Alloy D20, Durco Mark III Centrifugal pump, Size 3K10x8-16H/160RV. Designed for capacity 4950 gallons at 65 ft TDH. Skid mounted. Inlet 10 inch/outlet 8 inch. Driven by 125 HP motor 460v/1200 rpm .Part of Evaporator package PK-6045 and might not be able to be sold separately - Ask Us. For a list of all components, enter "pkevap" in the keyword search terms box.	Used - Very Good Saskatchewan, Canada
Centrifugal Pump Asset ID: V2233 AMT	AMT centrifugal pump 429K-X8 driven by 1 3/4 HP motor. Stainless steel 1 inch centrifugal pump Max flow 33 gpm at 42 ft TDH. Hazardous Duty Explosion Proof motor AMT 316 SS Transfer pumps are designed to handle liquids and chemicals with specific gravities to 1.6. The pumps are particularly well suited to applications involving perchloroethylene (PCE) and are recommended for use in hazardous liquids. These 1" pumps are fitted with FKM mechanical seal and O-ring. Self-priming to 6 feet. Type 6 seal.. Qty(4) - priced separately	Texas

S4M Asset Catalog



Listed in Category Order. Click on an Asset Name for more details.

<p><u>Centrifugal Pump</u> Asset ID: V2249 AMT</p>	<p>AMT self priming centrifugal pump model 2876-95. Approx capacity 250 gpm at 60 ft TDH. Driven by 7.5 HP motor 3525 rpm 460/3/60</p>	<p>Texas</p>
<p><u>Centrifugal Pump</u> Asset ID: V2250 AMT</p>	<p>AMT self priming centrifugal pump model 2875-95. Driven by 5 HP motor 3525 rpm 460/3/60. Approx capacity 250 gpm at 60 ft TDH. Quantity (6), priced separately</p>	<p>Texas</p>
<p><u>Centrifugal Pump</u> Asset ID: V2262 AMT</p>	<p>AMT self priming centrifugal pump model 2875-95 driven by 5 HP motor 3550 rpm 480/3/60. Rate approx 250 gpm. See pump brochure</p>	<p>Texas</p>
<p><u>Centrifugal Pump</u> Asset ID: V2268</p>	<p>Cast iron self priming pump with motor</p>	<p>Unrated Texas</p>
<p><u>Centrifugal Pump SS</u> Asset ID: 7137A Summit</p>	<p>Summit centrifugal pump, stainless steel wetted parts. Model 2196. Size 3 x 4-13, impeller dia 12.25. ser 331303. Originally designed fo a 40HP Baldor electric motor @ 1760 RPM. 230/460V. We are offering ss pump, bedplate - Only. If you want motor, please add \$400 and we will mount a used working TEFC 40 HP motor on pump/bedplate. Price includes loading on your truck</p>	<p>Used - Fair Grant City, MO</p>
<p><u>Centrifugal Pump. ss</u> Asset ID: 5994 Waukesha</p>	<p>Waukesha Cherry Burrell Centrifugal Pump, stainless steel. Close coupled with motor.10 HP Baldor-Reliance- 2x2. S/N 1000002442475</p>	<p>Unrated Jacksonville, IL</p>
<p><u>Pump</u> Asset ID: V2270 AMT</p>	<p>AMT centrifugal pump model 429K-X8 stainless steel driven by 1 3/4 HP motor. Stainless steel 1 inch centrifugal pump Max flow 33 gpm at 42 ft TDH. Hazardous Duty Explosion Proof motor AMT 316 SS Transfer pumps are designed to handle liquids and chemicals with specific gravities to 1.6. The pumps are particularly well suited to applications involving perchloroethylene (PCE) and are recommended for use in hazardous liquids. These 1" pumps are fitted with FKM mechanical seal and O-ring. Self-priming to 6 feet. Type 6 seal</p>	<p>Unrated Texas</p>
<p><u>Pump. Sanitary Centrifugal</u> Asset ID: 5993 Waukesha</p>	<p>Stainless Steel close coupled sanitary centrifugal pump. Waukesha S-line Model C218. 2 x 1 1/2 - 8. Max capacity 217 gpm @ 42 ft head. Gator Motor is 5 HP, 1765 rpm 460v 3/60. All wetted parts are stainless 316L. Open impeller design for easy cleaning, CIP capability.</p>	<p>Unrated Jacksonville, IL</p>
<p><u>Self Priming Centrifugal Pump</u> Asset ID: V2269</p>	<p>Self Priming Centrifugal Pump with motor</p>	<p>Unrated Texas</p>
<p><u>Self Priming Centrifugal Pump</u> Asset ID: V2263 AMT</p>	<p>AMT centrifugal pump model 429K-X8 stainless steel driven by 1 3/4 HP motor. Stainless steel 1 inch centrifugal pump Max flow 33 gpm at 42 ft TDH. Hazardous Duty Explosion Proof motor AMT 316 SS Transfer pumps are designed to handle liquids and chemicals with specific gravities to 1.6. The pumps are particularly well suited to applications involving perchloroethylene (PCE) and are recommended for use in hazardous liquids. These 1" pumps are fitted with FKM mechanical seal and O-ring. Self-priming to 6 feet. Type 6 seal</p>	<p>Texas</p>
<p><u>Self Priming Pump</u> Asset ID: V2231 AMT</p>	<p>AMT centrifugal pump 429K-X8 self priming driven by 1 3/4 HP motor. Max flow 33 gpm at 42 ft TDH. Hazardous Duty Explosion Proof motor AMT 316 SS Transfer pumps are designed to handle liquids and chemicals with specific gravities to 1.6. The pumps are particularly well suited to applications involving perchloroethylene (PCE) and are recommended for use in hazardous liquids. These 1" pumps are fitted with FKM mechanical seal and O-ring. Self-priming to 6 feet. Type 6 seal.</p>	<p>Texas</p>

Listed in Category Order. Click on an Asset Name for more details.

<p>Self Priming Pump 3" Asset ID: V2225 AMT</p>	<p>AMT self priming cast iron centrifugal pump Model 2876-96. Pump 3 1/4 x 3 1/4 AMT pump with 7.5 HP motor. Lot 114. See pump curve - approx 250 gpm at 60 ft TDH</p>	<p>Texas</p>
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Pump/Magnetic Coupled 1 Items

<p>Non-Seal Pump Asset ID: 2031 Nikkiso</p>	<p>Nikkiso non-seal pump (sealless). This pump is new unused. still in original crate. Also called canned-motor pumps. Leak free pump best suited for use with chemical industry for metering critical chemicals/fluids. Nikkiso Non-Seal Pump Model HX22C-5 Item No 3027-1200-7, Designed for 30 gpm at 129.7 Ft TDH. Output 4.96 HP 460v 3/60 3600 RPM. Ready to load</p>	<p>New, Old Stock Illinois</p>
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Pump/Metering 1 Items

<p>Metering Peristaltic Pump Asset ID: V2230 Flex-Pro</p>	<p>Flex Pro peristaltic metering pump A2F series. Max feed 14.3 GPH and 50 psi, 3/8 inch OD tubing 115v. Serial # 000908938-180716</p>	<p>Texas</p>
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Pump/MultiStage 1 Items

<p>Vertical Multistage Pumps and MCC Asset ID: PK-2097 Simflo</p>	<p>Simflo Vertical 7-stage Multistage pump. Motor is 300 HP, 3565 rpm 460v 3/60 inverter duty. Model SD10C. (New model cross references to SP10L - same pump). Pump designed for 600 gpm at 1245 ft TDH. Includes MCC with VFD drives and the portable building the MCC is in.</p> <ul style="list-style-type: none"> You are only purchasing two pumps with motors (no piping or anything in background of the pictures). Purchase DOES include complete MCC building w/ VFD's and MCC. Will be an oversized load. Price is for the LOT. <p>Package Includes:</p> <ul style="list-style-type: none"> Two (2) Simflo (Simmons) Vertical pumps Model SD10C (SP10L is new model # but same pump) 7-Stage, 600 gpm at 1245 ft/head, 300 HP Bowl dia 10.19", BEP head 158 ft per stage MCC Portable Building MCC 4000A Cutler-Hammer Advantage Series 2100 480 V 3 Phase 3-wire 60 Hz 3200 A Sect.1-2 800 amp Sect.3-5 1200 amp w/ 4000 amp Main and Breakers for each VFD/pump and includes spare breaker Starters installed in MCC (2) Allen-Bradley VFD's - CAT # 1336E-BP350-AN-CM-EN AC Input: 300-378 KVA 380-480 V 455 amps 50/60 Hz 3 Phase AC Output: 366 KVA 0-460 V 459.2 amps 0-400 Hz 3 Phase Allen Bradley PanelView 1000 plc controls <p>This pump package is used. It was in good working order when idled and removed in late 2023. Units are removed and ready to load.</p>	<p>Used - Very Good Marissa, IL</p>
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S4M Asset Catalog



Listed in Category Order. Click on an Asset Name for more details.

Pump/Peristaltic		2 Items
Peristaltic Pump Asset ID: AF15 Verder	Verderflex peristaltic pump by Verder. Model VF65 FCNBSS/S, serial 43260B6. Driven by gearmotor SEW 7.5 KW (10HP) at 1775 rpm inverter duty. Material cast iron body/cast iron rotor. Physical size 46.7mm x 32.3mm x 1000mm tall. Pumps at 1.5 gallons/rev. Flow capacity controlled by VFD and ranges from approx. 60 gpm at 75 psig to 90 gpm at 10 psig. See pump curves in Link. Maximum solids content 16.25mm compressible. Maximum lift is 9.5 mWc (meters water column)	Used - Excellent
		Illinois
Peristaltic Pump Asset ID: AF16 Verderflex	PC-31 Slurry Stock. Verderflex peristaltic pump by Verder. Model VF65, serial 43260E6. Driven by gearmotor Baldor 10Hp at 1760 rpm inverter duty. Gearbox ratio 38.4:1. Material cast iron body/cast iron rotor. Size 46.7mm x 32.3mm x 1000mm tall. Pumps at 1.5 gallons/rev. Flow capacity controlled by VDF and ranges from approx. 60 gpm at 75 psig to 90 gpm at 10 psig. See pump curves in Link. Maximum solids content 16.25mm compressible. Maximum lift is 9.5 mWc (meters water column)	Used - Excellent
		Illinois

Pump/Positive Displacement		3 Items
High Pressure Gear Pump Asset ID: 7628 Flowserve	Flowserve positive displacement rotary gear pump, Model 1.5GRM. Suction/Discharge 1-1/2" Shaft size 7/8". Last used for High pressure pump for votator, Flows to 1200 gpm at 500 psi. GR pumps provide high efficiency, pulse-free pumping, Ser no. 1162803CHP001A. Driven by Baldor 15 HP 230/460v 3/60 at 1160 RPM.	Used - Good
		Jacksonville, IL
Positive Displacement Pump Asset ID: 7139I Viking	Bare pump - Viking Pump Model LQ4124R, Serial No. 1702284, Size is 2.5" inlet x 2.5" outlet, cast iron body with mechanical seal. Includes integral relief valve in head, Has gear unit. Nominal flow of 135 gpm,. Approx 125 gpm. Designed to be driven by 10HP motor but motor is not included (photo shows motor but it is not there). . Used - will need reconditioning	Used - Fair
		Grant City, MO
Positive Displacement Pump 3x3 Asset ID: 7139A Viking	Viking positive displacement pump. Model LL4124A, ser no. 11297045 . Size 3 x 3, LL4124A - pump is rated up to 140 gpm. Includes pump, gearbox ratio 3.705 (IN 1750 / OUT 472 rpm), baseplate - no motor (was sized for 30HP motor at 1750 rpm missing). Used - will need reconditioning; it has sat idle for quite a while. Price includes loading on your truck.	Used - Fair
		Grant City, MO

Pump/Split Case		1 Items
Split Case Pump Asset ID: 6574 Aurora	Aurora Pump 8" 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.	Unrated
		Grant City, MO

Pump/Sump		1 Items
Sump Pump Asset ID: 1945 Pumpworks	Vertical sump pump by Pumpworks model 820. New - stored in warehouse as spare. Size 1.5 x 1 -8 with 8" impeller. Material carbon steel, heavy duty configuration. Rated capacity 25 gpm at 58 ft TDH. Pump serial number 18-23305-8-1. Motor is Baldor 2 HP 1755 rpm 230/460v 3/60 TEFC Frame 145TC	NEW
		Indiana

Pump/Turbine Pump		1 Items
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Listed in Category Order. Click on an Asset Name for more details.

Vertical Turbine Pump Asset ID: P-4300D Johnston	Vertical turbine cooling tower pump. 3 stage design. Bowls are 14" dia, 10" pipe, 114" OAL. With 150 HP US Electric Motor. 460V, 167A, 60Hz, 1785 RPM. Built 2003	Used - Good Grant City, MO
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Pump/Vacuum Pump		2 Items
Vacuum Ejector Pump Asset ID: S3210 PIAB	PIAB air driven vacuum ejector. Model M125D, series 21.01.010. Vacuum gauge can be placed on either side. Cross references to PIAB model M50B5-EN . Very little use, in original box	Used - Excellent Rome, GA Jacksonville, IL
Vacuum Pump Asset ID: V2206 Vacubrand	Vacubrand 4C vacuum pump, Model MD 4C NT. Used. Three-stage diaphragm pump rated at 2.2 cfm and max vacuum 1.1 torr. Has 4 heads, 3 stages	Used - Very Good Texas

Silo		1 Items
Silos 10,750 cu ft NEW Asset ID: 7884 NOL-TEC Systems	<p>140-Ton Bulk Storage Silo System (NOL-TEC Systems)</p> <ul style="list-style-type: none"> • Capacity: 10,750 Cubic Feet = approx. 70 Tons per silo (There are two silos - sold and priced separately) • Dimensions: Nominal Diameter: 14'-0", Overall Height: 100'-0" - Eave Height • Materials of Construction: A36 Carbon Steel (14-ring cylinder) • High-Flow Hopper Design: Upper Hopper: 3/16" A36 steel, Lower Hopper: 3/16" A36 steel with 10ga 304SS Stainless Steel liners to prevent bridging • Design Standards: IBC-2009 / Max Material Density: 48 Lbs/Cu. Ft • Exterior Access & Venting: Top-mounted flange configuration for bin vents or dust filtration • Pneumatic Connections: Configured for 6" Sch. 40 pneumatic fill and recycle <p>Never Installed. Equipment is currently located in a laydown yard and is staged for immediate loading. Full assembly drawings are available, including weld schedules and anchor bolt layouts for foundation engineering</p> <p>Additional Equipment (Priced Separately) SEE Asset 7341</p> <p>The following engineered blower packages, designed for integration with these silos, are available:</p> <ul style="list-style-type: none"> • 75 HP Pressure Blower Package (Hardy Pro-Air/Gardner Denver) • 30 HP Vacuum Blower Package (Hardy Pro-Air/Gardner Denver) 	New, Old Stock Illinois

Spare Parts		4 Items
Endress Hauser Spares 4 Asset ID: V2229 Endress Hauser	Rack 1 Bottom Shelf. mainly E-H electronic transmitters <ul style="list-style-type: none"> • Electronic transmitters: (10) E&H 	Texas

S4M Asset Catalog



Listed in Category Order. Click on an Asset Name for more details.

<p>Misc Spares 1 Asset ID: V2226</p>	<p>Rack 1, shelves 1&2</p> <ul style="list-style-type: none"> • (5) AVCO valve and valve actuators - AV Automatic Valve model D2003ACWR-1 • 4 Endress Hauser flow transmitters • 2 red metering pumps • 3 blue items • Iwaki Stroke rate and length initiator • TruFlo flow meter and transmitter, model TKM • Grundfos pump Pmax 24 watts, 2.0 gph at 230 psi • paddle wheel flowmeter 	<p>Texas</p>
<p>Misc spares 2 Asset ID: V2227</p>	<p>Rack 1, shelves 3&4</p> <ul style="list-style-type: none"> • Metering pump. Pulsatron by Pulsafeeder item LPH7MA-KTC3-XXX, built 2029, seria 976369. Capacity 240 GPD at 35 psi. 115v single phase • Close coupled pump, self riming. TDRfoce Model FL-540. Capacity 35 LMP. Power 115v • Chemical pump, new. Blue housing, stainless steel • FlexPro peristaltic pump. A2F series • Edwards high vacuum pump, model E2M2, serial 58701 • AMT centrifugal pump and motor Model 429K-X8 • AMT self priming cast iron pump and motor • Little Giant pump, close coupled. 	<p>Texas</p>
<p>Misc Spares 3 Asset ID: V2228</p>	<p>Rack 2 - Sanitary piping fittings</p>	<p>Texas</p>

Tanks & Pressure Vessels/Bullet 2 Items

<p>CO2 Tank - Bullet 200 ton Asset ID: 1023 Trinity Industries</p>	<p>CO2 tank - bullet. Insulated. Capacity 200 ton Still installed, built 1985 Idled 2021. Excellent condition, owned by a major industrial company Serial number 115777. CRN number F-4681.3, ASME Nat'I Bd # 333. MAWP 275 psig at 125F Nominal size 10'-10" dia x 61 ft long. Capacity 47,000 water gallons Price includes removal and loading on your truck</p>	<p>Used - Excellent Quebec, Canada</p>
<p>CO2 Tank - Bullet 300 ton Asset ID: 1024 Drummond Welding & Steel</p>	<p>CO2 tank - bullet. Insulated. Capacity 300 ton Still installed, built 1997, Idled 2021. Excellent condition, owned by a major industrial company Serial No. 6125, CRN D1931.6 - Built and certified to ASME pressure vessel specifications Section VIII, Div 1 (no Nat'I Bd number). see U-1 form. MAWP 276 psig at 125F Nominal size 10'-10" ID x 91'-3" long. Volume 543,000 pounds water weight = 65,342 gallons Price includes removal and loading on your truck</p>	<p>Used - Excellent Quebec, Canada</p>

Tanks & Pressure Vessels/Carbon Steel 25 Items

S4M Asset Catalog

Listed in Category Order. Click on an Asset Name for more details.

<u>BDT PSV Drain Tank</u> Asset ID: BDT2007	PSV Drain Tank, 300 gallon capacity	Illinois
<u>Filtered FD Storage Tank</u> Asset ID: T-114A Squibb	Squibb Vertical tank 43600 gallon capacity, CS, 13 feet diameter x 44 feet H	Illinois
<u>Filtered FD Storage Tank</u> Asset ID: T-114B Squibb	Squibb Vertical tank 43600 gallon capacity, CS, 13 feet diameter x 44 feet H	Illinois
<u>Methanol Storage Tank</u> Asset ID: T-304 Squibb Tank Co	Vertical cylindrical atmospheric welded steel storage tank 12 ft OD x 35 ft H 29600 gal nom-cap, CS	Illinois
<u>Slurry Mix Tank</u> Asset ID: TK-40 Wehrhahn	Homogenizer. Slurry tank. Agitated vertical carbon steel tank on legs. Size 38" dia x 6 ft s/s with 21" legs. Capacity approx 340 gallons. Open top/dish bottom. Agitator is top entering and is 36 inches higher than tank top. OAH approx 10.75 ft. Agitator has two sets of 2-blade propellers at mid and at bottom. Motor 5HP. Can be used as liquid or powder slurry tank.	Used - Very Good Illinois
<u>Slurry Mix Tank, Powder</u> Asset ID: TK-22 Wehrhahn	Universal Mixer. Vertical Powder mixing vessel with 2HP top entering agitator and side door. Number 10-066-109, type 2619.000. Mfg 2014. Size 6 ft dia x 7 ft tall seam to seam, approx 1500 gallons. Flat top, dish bottom. Top entering agitator with one set of 4-blades at bottom. Agitator gear box has cooler heat exchanger on oil, recirculated. Side lug mounts. Gasketed door on side. Mfg by Wehrhahn	Used - Very Good Illinois
<u>Slurry Tank, Powder</u> Asset ID: TK-10 Wehrhahn	Slurry tank used for powder. Vertical carbon steel tank with top entering agitator. Size 60" dia x 108" s/s with 28" legs. Capacity is approx 1300 gallons. Agitator is 36" higher than tank. OAH = 108+28+36. Flat top with half tank hinged cover, dish bottom. Includes radiator for hydraulic line cooling of gear reducer. Agitator gearmotor is SEW RM107/A 01/715687601.0001.14. rpm 1782 in/362 out. Has Endress Hauser level transmitter. Agitator has one set of 4-blades at bottom. Was used as cellulose dispensing tank, can be used as slurry tank. Has 4" flanged outlet. Tank has side opening door. Last used as cellulose dispenser	Used - Very Good Illinois
<u>Storage Tank</u> Asset ID: T-921A Squibb	Vertical cylindrical atmospheric welded steel storage tank 13 ft OD x 44 ft H 43600 gal nom-cap, fabricated of 1/2 inch mild CS plate, Last used as Glycerin Storage Tank	Illinois
<u>Storage Tank</u> Asset ID: T-921B Squibb	Vertical cylindrical atmospheric welded steel storage tank 13 ft OD x 44 ft H 43600 gal nom-cap, fabricated of 1/2 inch mild CS plate, Last used as Glycerin Storage Tank	Illinois
<u>Thermal Fluid Drain Tank</u> Asset ID: BDT-2006	Vertical cylindrical tank. 8000 gallons, 8 ft dia x 21 ft 4 inches. Last used for Hot oil Thermal Fluid Drain Tank	Illinois
<u>Vertical Cylindrical Tank</u> Asset ID: TK-04 Squibb Tank Co	Vertical cylindrical atmospheric welded steel storage tank 13 ft OD x 44 ft H 43600 gal nom-cap, fabricated of 1/2 inch mild CS plate S/N 14128	Illinois
<u>Vertical Cylindrical Tank</u> Asset ID: TK-05 Squibb Tank Co	Vertical cylindrical atmospheric welded steel storage tank 13 ft OD x 44 ft H 43600 gal nom-cap, fabricated of 1/2 inch mild CS plate S/N 14130	Illinois

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Listed in Category Order. Click on an Asset Name for more details.

<p>Vertical Cylindrical Tank Asset ID: TK06 Squibb Tank Co</p>	<p>Vertical cylindrical atmospheric welded steel storage tank 13 ft OD x 44 ft H 43600 gal nom-cap, fabricated of 1/2 inch mild CS plate S/N 14135</p>	<p>Illinois</p>
<p>Vertical Cylindrical Tank Asset ID: TK07 Squibb Tank Co</p>	<p>Vertical cylindrical atmospheric welded steel storage tank 13 ft OD x 44 ft H 43,600 gal nom-cap, fabricated of 1/2 inch mild CS plate S/N 14131</p>	<p>Illinois</p>
<p>Vertical Cylindrical Tank Asset ID: T-202 Fenix</p>	<p>Fenix Vertical Cylindrical Tank 390295.01.09C Rev 00, Shell design pressure 14.9 @ 150F, 1600 gallons, 6 ft dia x 8 ft, SS</p>	<p>Illinois</p>
<p>Vertical Cylindrical Tank Asset ID: T-101A Squibb Tanks</p>	<p>CS Storage Tank, 43,600 gallons, approx 14' dia x 44'H. Last used as FD Storage Tank</p>	<p>Illinois</p>
<p>Vertical Cylindrical Tank Asset ID: TK-01 Squibb Tank Co</p>	<p>Vertical cylindrical atmospheric welded steel storage tank 13 ft OD x 44 ft H 43600 gal nom-cap, fabricated of 1/2 inch mild CS plate S/N 14129</p>	<p>Illinois</p>
<p>Vertical Cylindrical Tank Asset ID: TK-02 Squibb Tank Co</p>	<p>Vertical cylindrical atmospheric welded steel storage tank 13 ft OD x 44 ft H 43600 gal nom-cap, fabricated of 1/2 inch mild CS plate S/N 14134</p>	<p>Illinois</p>
<p>Vertical Tank 43,600 gallons Asset ID: TK-03 Squibb Tank Co</p>	<p>Vertical cylindrical atmospheric welded steel storage tank. Suze 13 ft OD x 44 ft H with 43,600 galon nominal capacity, Material of construction 1/2 inch mild CS plate</p>	<p>Unrated Illinois</p>
<p>Vertical Tank 43,600 gallons Asset ID: T-101B Squibb Tanks</p>	<p>CS Storage Tank, 43,600 gallons, approx 14' dia x 44'H. Last used as FD Storage Tank</p>	<p>Illinois</p>
<p>Vertical Tanks 35,000 Gallon (2) Asset ID: TK1010 Palmer Manufacturing and Tank</p>	<p>Carbon Steel Tanks. 35,000 Gallons each.</p> <ul style="list-style-type: none"> Tanks have been inspected and certified to meet STI SP001 specs and API 653 specs. Manufactured by Palmer Manufacturing and Tank. Size is 12 ft. diameter x 42 ft. tall. Internal stainless steel 2 inch heating coils at bottom 24 inch manway and nozzle for agitator mount. Slight cone top, flat bottom with sump. (4) anchor pads for 1" bolt for hold down onto concrete. Tanks were located inside building during operation; tank coating is generally in good condition. See tank inspection reports and results of UT thickness tests in Links. Removed and ready to load. Two (2) tanks available, priced separately. 	<p>Used - Very Good Nebraska</p>
<p>Vessel Asset ID: V-511 McMaster</p>	<p>McMaster Vessel 300 gallon capacity 38 inch diameter x 60 inches Long and 48 inches high, 12 gauge wall thickness, 37415K71</p>	<p>Illinois</p>

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Listed in Category Order. Click on an Asset Name for more details.

Vessel Asset ID: V-513 McMaster	McMaster Vessel 550 gallon capacity 38 inch diameter x 72 inches Long and 51 inches high, 12 gauge wall thickness, 37415K72	Illinois
Vessel Asset ID: T-1007 McMaster	McMaster Carr Tank, 550 gallon capacity, 4 ft dia x 6 ft Horizontal Tank last used as Vent Header Collection Tank	Illinois
Vessel Cone Bottom Asset ID: V-108 Fenix	Cone-bottom Vessel 250 gallon capacity, 5 feet x 2 feet, CS	Illinois

Tanks & Pressure Vessels/Fiberglass		2 Items
Fiberglass Tank 1000 gallon Asset ID: V2245 LFM	Vertical fiberglass tank on legs, cone bottom. Capacity 1000 gallons. Approx. size 5 ft dia x 6 ft- 3 in tall s/s on 40" legs.	Texas
Fiberglass Tank 5000 gallon Asset ID: V2261 LFM	Fiberglass tank 5000 gallon. Approx size 8 ft dia x 13'-4" tall on legs. On Hardy load cells model HI RCH04-33K rated at 33,000 pounds each. Tk number T-005	Texas

Tanks & Pressure Vessels/Poly Tank		3 Items
Poly Tank Insulated 6100 gallons Asset ID: V2260	Insulated poly tank. Size is 9 ft dia x 13 feet tall for approx 6100 gallons each. Atmospheric tanks. Qty (2) priced separately	Used - Excellent Texas
Poly Tank Vertical Asset ID: V2236	Vertical poly tank approx size 2 ft dia x 58" tall. Flat bottom/top Capacity approx 100 gallons	Texas
Poly Tank Vertical Asset ID: V2248	Vertical poly tank, capacity 1500 gallons. Flat bottom, rounded top. 3" outlet	Texas

Tanks & Pressure Vessels/Pressure Vessel		12 Items
Air Receiver Asset ID: BD1202	Dry air tank, 400 gallons, C/S	Illinois

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Listed in Category Order. Click on an Asset Name for more details.

<p>Air Receiver Pressure Tank 200 Gallons Asset ID: AF1 Manchester</p>	<p>Air receiver by Manchester Tank. Vertical on base. Size 28" dia x 55: s/s on base for 78" OAH. Capacity 200 gallons. ASME Nat'I Bd # 270535 MAWP 300 psi at 400F. Also CRN certified.</p>	<p>Used - Very Good Illinois</p>
<p>Dry air receiver tank Asset ID: BT-1201</p>	<p>Dry air receiver tank, 5 feet x 15.8 ft tall, 2177 gallons, C/S</p>	<p>Illinois</p>
<p>Expansion Tank Asset ID: T-1000 Wendland</p>	<p>Expansion Tank S/N 39367, Wendland Mfg, 100 psi @ 700F MAWP, -20F @ 100 psi MDMT, 3500 gallons</p>	<p>Illinois</p>
<p>Flash Tank Drum Asset ID: 31-V-156 PPV Precision Pipe & Vessel</p>	<p>Steam Flash Drum to atmospheric. Manufactured by Precision Pipe & Vessel in 2009. ASME rated MAWP 150/FV T 250F. Material carbon steel. Note: This flash drum is stacked on top of 31-V-164. Part of Absorber & cleanup module FP311</p>	<p>Used - Very Good Soperton, GA</p>
<p>Horizontal Decanting Vessel Asset ID: V-1506 Confab</p>	<p>Horizontal carbon steel pressure vessel. Decanter and Liquid Knock Out. Built by Confab s/n 64866. ASME Nat'I 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. Insulation has been removed. Tank has been removed and is ready for loading. - price includes loading</p>	<p>Good Grant City, MO</p>
<p>Receiver Pressure Tank 1600 gallons Asset ID: T-702 Fenix</p>	<p>Fenix tank, 1620 gallon capacity, 5.25 ft dia x 10 feet H, 390296.03.09 Rev 00. MAWP Shell 323 psi @ 482F. Last used as Biodiesel Reflux Tank</p>	<p>Illinois</p>
<p>Steam Blowdown Drum Asset ID: 41-V-630 PPV Precision Pipe & Vessel</p>	<p>Steam drum manufactured by Precision Pipe & Vessel in 2009. ASME MAWP 150 psig/FV at 550F, Nat'I Bd# 893, s/n CV-0893. Material is SA312-TP347. Physical size is 24"dia x 8'-6" s/s, OAH 11'-10" for capacity of 185 gallons. Used as a steam blowdown drum</p>	<p>Used - Very Good Soperton, GA</p>
<p>Steam Drum Asset ID: 41-V-180 Nebraska Boiler</p>	<p>Steam drum by Nebraska Boiler, built 2009. Horizontal, ASME Nat'I Bd# 877, MAWP 800 psig/FV at 350F, Stainless steel SA-312-304. Physical size 42" dia x 120" s/s x 0.5" shell (11'-3" OAL) for 107cf or 720 gallons. Used as Catalytic Converter steam drum. Part of Catalytic Converter module FP411</p>	<p>Used - Very Good Soperton, GA</p>
<p>Vertical Flash Vessel Asset ID: F-106 Fenix</p>	<p>Vertical Flash Vessel by Fenix, 48.4 inch diameter x 156.7 inches, Stainless Steel 304Last used as FD Dryer Flash Vessel</p>	<p>Illinois</p>
<p>Vertical Flash Vessel Asset ID: F-504 Fenix</p>	<p>Fenix Vertical Flash vessel 390295.02.21C Rev 02, Shell design pressure 14.9 @ 400F, 950 gallons, 4 ft dia x 16.83 Ft, SS</p>	<p>Illinois</p>
<p>Wet air receiver tank Asset ID: BT-1200</p>	<p>Wet air receiver tank, 3 ft diameter x 5 ft 10 3/8 inch T, 366 gallons</p>	<p>Illinois</p>

Listed in Category Order. Click on an Asset Name for more details.

Tanks & Pressure Vessels/Separator		2 Items
Hydrasep Oil Water Separator Asset ID: 2448 Hydrasep	Hydrasep Oil/Water Separator. Horizontal Hydrasep HS-1500-BD. Biodiesel laminar flow separators. The patented Hydrasep laminar flow separator is designed to continuously separate glycerin from methyl ester and wash water from methyl ester without any moving parts or coalescing media, eliminating the need for power consumption and periodic overhaul. Carbon steel construction, horizontal 48" dia x 18' OAL, On saddles and steel frame so OAH is approx 6 ft. Designed for 48 gpm flow rate. Inlet/Outlet 4". Volume 1,742 gallons, Operating volume 1,213 gallons, empty weight 4,670 pounds. Built 2008. Serial number 5000357. Removed and ready to load.	Used - Good Rome, GA
Hydrasep Oil Water Separator Asset ID: 2449 Hydrasep	Hydrasep Oil/Water Separator. Model HS-2000-BD. Biodiesel laminar flow separators. The patented Hydrasep® laminar flow separator is designed to continuously separate glycerin from methyl ester and wash water from methyl ester without any moving parts or coalescing media, eliminating the need for power consumption and periodic overhaul. Carbon steel construction, horizontal 54" dia x 20'-1" OAL, On steel frame. Designed for 69 gpm flow rate. Inlet/Outlet 4". Operating volume 1,752 gallons, empty weight 5,861 pounds. Serial # 5000361. Removed and ready to load.	Used - Good Rome, GA

Tanks & Pressure Vessels/Stainless		29 Items
Decanter, Horizontal 4200 gallons Asset ID: V-313 Fenix	Fenix Horizontal Decanter Vessel SN 390295.05.20C Rev.00 Shell Design pressure 14.9 psig, Design temp 200F, Test pressure 19.37 psig, Built 2014. 4200 gallons. 7.88 feet x 11.9 feet	Illinois
Decanter, Horizontal 4200 gallons Asset ID: V-411 Fenix	Fenix Horizontal Decanter Vessel SN 390295.08.15C Rev.00 Shell Design pressure 14.9 psig, Design temp 200F, Test pressure 19.37 psig, 4200 gallons. 7.88 feet x 11.9 feet	Illinois
Flash Tank 470 gallons Asset ID: V-506 Fenix	Fenix Vessel, 470 gallons capacity, 4 ft dia. x 90 inch OAH, 3/16 inch thick	Illinois
Mix Tank ss 1200 gallons Asset ID: 2863 Walker	WALKER 1,200 GALLON STAINLESS STEEL VERTICAL MIX TANK, TOP ENTERING AGITATOR Dish bottom, open top with 3" NPT Outlet, Material stainless steel 304 with painted bridge for agitator. Stainless steel auger-style agitator with steady bearing and 5 HP gearmotor, and an internal perforated screen. Stainless steel legs with pad feet. Overall dimensions 84" dia x 122" tall. There are ten (10) tanks available immediately, priced separately. We can recondition these tanks to add a paddle type vertical top entering agotator and enclose top with ss hunged cover. Allow 12 weeks and additional cost	Used - Good TN
Mixing Tank, 600 gallons Asset ID: 2112 Vendome Copper & Brass Works	Mixer with screw ejection through bottom port. This unit is fully operation and has few hours on it. Excellent shape <ul style="list-style-type: none"> Mixing Tank: Capacity 600 gallon Stainless Steel Extraction Mixing Tank. Material 304 stainless steel. . Manufactured by Vendome Copper & Brass. Tank dimensions: Overall total height: 124", Height of outlet: 50", Outlet size: 10.5" , Top Diameter: 64". Tank has ejection through bottom port and is fully functional. Mixer and Ejector Screw: Stainless steel 304 mixing auger for bottom port ejection. Has 1 HP gearmotor for screw output of 3.15 rpm. 	Used - Excellent Kentucky

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Listed in Category Order. Click on an Asset Name for more details.

Process Tank ss Asset ID: V2259	Allen Bradley stainless steel tank, capacity 500 gallons. ASME MAWP 5 psi at 250F. Approx size 50" dia x 52" straight side with dish bottom/top. Legs 3 ft... Quantity (2) - priced separately	Texas
Square Tank, ss 8500 gallons Asset ID: 2048	Square stainless steel tank, reinforced sides. Size is 111" x 111" x 160" high - on legs for OAH 220". Atmospheric tank. Capacity approx 8500 gallons. Material ss304. Flat top, bottom has a slight taper to the center. Used for pure ethanol storage food grade. Part of an entire CBD extraction system - enter PK6020 to see all components.	Used - Very Good Northern US
Vertical Cone Bottom Tank 2800 gallons Asset ID: V-213 Fenix	Fenix Hydrolysis Decanter Vessel SN 390295.06.12C Rev.00, 2800 gallon capacity, 8.25 ft x 7 ft H, Shell Design pressure 14.9 psig, Design temp 200F, Test pressure 19.37 psig	Illinois
Vertical ss Tank Asset ID: V2271	Vertical stainless steel tank on legs. Approx size 20 inch dia x 40 inch s/s on 1 ft legs for approx 50 gallon capacity	Unrated Texas
Vertical ss Tank Asset ID: V2241	Vertical stainless steel tank on legs. Flat top/slight cone bottom. Size approx 4 ft dia x 8 ft tall on 15" legs. Approx capacity 750 gallons	Texas
Vertical ss tank Asset ID: V2246	Vertical stainless steel tank, insulated, on legs. Approx size 30" dia x 55" tall s/s on 30" legs. Capacity about 150 gallons. Qty (2) - priced separately.	Texas
Vertical Tank 1600 gallons Asset ID: T-206A Fenix	Fenix Vertical Cylindrical Tank dish top-dish bottom. 390295.01.09C Rev 00, Shell design pressure 14.9 @ 150F, 1600 gallons, 6 ft dia x 8 ft, SS	Illinois
Vertical Tank 1600 gallons Asset ID: T-302 Fenix	Day Tank 6 ft x 8 ft S/S, 1600 gal, 6 ft x 8 ft S/S, Dish tip-dish bottom on legs. Shell 14.8 psi, Design temp 150F, S/N 390295.01.09C Rev 00	Illinois
Vertical Tank 1600 gallons Asset ID: T-306 Fenix	Day Tank 6 ft x 8 ft S/S, 1600 gal, Shell 14.8 psi, Dish top-dish bottom, on legs. Design temp 150F	Illinois
Vertical Tank 1600 gallons Asset ID: T-401A Fenix	Day Tank 6 ft x 8 ft S/S, 1600 gal, Dish top-dish bottom on legs. Shell 14.8 psi, Design temp 150F	Illinois
Vertical Tank 1600 gallons Asset ID: T-501 Fenix	Day Tank 6 ft x 8 ft S/S, 1600 gal, Dish top-dish bottom, on legs. Shell 14.8 psi, Design temp 150F	Illinois
Vertical Tank 1850 gallons Asset ID: V-110 Fenix	Vertical tank dish top-dish bottom, on legs. Vessel with Elloip 2:1 Heads, 1850 gallon capacity, 6 ft x 8.75 feet, Shell 14.9 design pressure, 400F design temperature, SN 390295.03.14C Rev 00	Illinois

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Listed in Category Order. Click on an Asset Name for more details.

<u>Vertical Tank 215 gallons</u> Asset ID: V-212 Fenix	Hydrolysis Relief Vessel by Fenix process technologies S/N 390295.08.15C Rev00, 215 gal, 3.5 ft x 3 ft. S/S, Shell 14.9 psi, Design temp 700F	Illinois
<u>Vertical Tank 215 gallons</u> Asset ID: V-312 Fenix	Fenix Process Technologies 390295.08.15C Rev 00, Stainless Steel Vessel, 215 gallon capacity, 3.5 ft O.D. x 3 ft H, 14.9 psig @ 700F	Illinois
<u>Vertical Tank 215 gallons</u> Asset ID: V-410 Fenix	Fenix Process Technologies Stainless Steel Vessel, 215 gallon capacity, 3.5 ft O.D. x 3 ft H	Illinois
<u>Vertical Tank ss</u> Asset ID: V2247	Stainless steel vertical tanks, capacity 100 gallon. Formerly Lot 135. Quantity (2) priced separately	Texas
<u>Vertical Tank ss</u> Asset ID: V2237	Vertical stainless steel tanks on legs. Approx size 30" dia x 33" s/s on 12" legs. Capacity approx 100 gallons. Quantity (2) - priced separately	Texas
<u>Vertical Tank, ss 145 gallons</u> Asset ID: 2050	Vertical stainless steel tank, insulated. Size 30.5" dia x 45" tall on legs for 76" OAH. Capacity 145 gallons. Pk6020	Used - Good Northern US
<u>Vertical Tank, ss 600 gallons</u> Asset ID: 2062	Stainless steel ss304 vertical tank. Size 52.5" dia x 70.5" tall. Flat top, slight cone bottom. Capacity 600 gallons. Has short legs 6". Pk6020	Used - Very Good Northern US
<u>Vertical Tank, ss cone bottom 580 gal</u> Asset ID: 2061	Stainless steel vertical tank - size 50" dia x 84" tall on legs for 117" OAH. Capavcity 580 gallons. Flat top, Cone bottom approx 45 degrees. On legs. Pk6020	Used - Excellent Northern US
<u>Vertical Tanks ss</u> Asset ID: V2258	Vertical stainless steel singe wall tanks on legs, slight cone bottom. Approx size 40" dia x 6 ft tall on 15" legs for capacity of about 400 gallons. Note that these tanks are the taller ones in the photos. Quantity (4) - priced separately	Used - Excellent Texas
<u>Vertical Tanks ss 5500 gallons</u> Asset ID: V2264 Precision Tank	Vertical stainless steel tank, flat bottom/top. NEW, Old Stock. Tank was tested with water for leakage but never put into service. Approx size 8 ft dia x 15 ft tall. Capacity about 5500 gallons. UL certification MH8350, serial 136575. T-007	New, Old Stock Texas
<u>Vertical Tanks ss NEW 400 gallons</u> Asset ID: V2256	Vertical stainless steel tanks on legs.New - old stock. Never used. Approx size 40" dia x 6 ft tall s/s on 15 inch legs. Capacity approx 400 gallons. Flat top, slight cone bottom. Qty (6), priced separately	New, Old Stock Texas

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Listed in Category Order. Click on an Asset Name for more details.

<p><u>Vertical Tanks ss NEW</u> <u>550 gallons</u> Asset ID: V2257 Owin International</p>	<p>Vertical stainless steel tanks on legs, NEW. insulated with (2) electric heater bands. Approx size 48" dia x 92 inches tall s/s on 15" legs. Bottom slight cone. Capacity approx 550 gallons. Atmospheric tank. Insulation 1 3/4" thick. Has 2 bands on tank Trivolt electric heater band each band rated at 1000 watts and 120 volts. See drawings. Quantity (2) tanks - priced separately</p>	<p>Like New</p>
		<p>Texas</p>