

Just Purchased - Pharmaceutical API Plant Liquidation - Most Equipment Built in 2000 or Later!

INCLUDES: (13) Hastelloy Reactors, (9) Glass Lined Reactors, (2) Filter Dryers, (13) Hastelloy Heat Exchangers / Condensers, Comi-Condor Peeler Centrifuge, (4) Stokes Shelf Dryers, Mark III Tolhurst Basket Centrifuge, (7) Sparkler and Nutsche Filters, Kek Pin Mill, Temperature Control Units, Tanks, Chillers, Scales, Pumps and much more!

Chillers & Cooling Towers

5900 42 Ton York Propylene Glycol Chiller. Frick RXF-30E Compressor.

6060 Used York Helical Screw Compressor. 130 Ton Slytherm XLT Chiller package. Model RWB11-316F. Rated 300 PSI @ 250 deg F. 450 HP Compressor Motor, 3600 rpm 460V/3ph/60Hz. Class I, Group C & D (493 FLA). 134A refrigerant. Control panel - 1/60/120 volt. Built 2001. S/N 293-366R, Run 52372.1 Hours. Drawing on file. Complete O&M Manual.

6069 390 Ton York Water cooled Glycol Chiller, Model YKCCCCG4-CME

6070 390 Ton York Water cooled Glycol Chiller, Model YKCCCCG4-CME

6067 3380 GPM Marley Cooling Tower Model NC8309, Built 2001 (Qty. 2)



6060

Centrifuges

5982 630MM Comi-Condor Peeler Hastelloy Centrifuge, Model HX-GMP630-250

5956 40" x 45" Rousselet/Robatel RC50VXR Hastelloy C276 Perforated Basket Centrifuge. 25 Kilo Max Load. Top load/unload. 10 HP, 230/460 volt, 1755 RPM. Skid mounted on base with panel, Built 2000.

5935 30" Tolhurst Mark III Stainless Steel Basket Centrifuge



5956

Dryers - Tray/Shelf

5933 122 Sq. Ft. Stokes Model 900-438-205 Stainless Steel Vacuum Shelf Dryer. Unit has (11) Shelves. 95.2 Cubic Foot Chamber. Chamber Vacuum Only, 50 psi @ 300F°, Built 2002.

5934 122 Sq. Ft. Stokes Halar Lined Vacuum Shelf Dryer, Built 2000

5931 24 Sq. Ft. Stokes Halar Lined Vacuum Shelf Dryer, Built 2000

5932 24 Sq. Ft. Stokes Halar Lined Vacuum Shelf Dryer, Built 2000



5933

Filters - Filter Dryers

5922 Guedu ML 500 Hastelloy C-276 Filter Dryer, Side discharge

5927 1.35 Sq. Ft. Powder Systems Ltd Hastelloy C Filter Dryer. Rated for 147 psi @ 329°F, 316L Jacket. Built 2000.

6150 0.46 sq. m. Lab sized Powder Systems Ltd Hastelloy C Filter Dryer, New 2002.



5927

Filters - Sparkler and Nutsche Type

5908 96 Gal Estrella Glass Lined Nutsche Filter, 50/87#.

5918 316 SS Sparkler Model 14-S-7 Filter, 60/30#

5919 316 SS Sparkler Model 14-S-7 Filter, 60/30#

5928 American Alloy Fab Hastelloy Nutsche Filter, 60/75#

5966 Stainless Steel Jacketed Nutsche Filter, 60#

5967 American Alloy Fab Hastelloy Nutsche Filter, 60#, New 2008

5968 American Alloy Fab Hastelloy Nutsche Filter, 60/75#, New 2005

5969 Sparkler Hastelloy Nutsche Type Filter, 60/14.5#

6153 11 Sq. Ft. Sparkler Reverse Flow Filter, Model 18S7RF, 316 SS, 150/150#



5919

Heat Exchangers and Condensers

5940 125 Sq. Ft. Doyle & Roth Model VT1661-3VE Hastelloy C276 Vertical Shell & Tube Heat Exchanger. Rated 150 psi/FV @ 347°F tube side; Rated 150 psi/FV @ 347°F 316L SS shell side. Lug Mounted, Built 2000.

5947 60 Sq. Ft. Doyle & Roth Hastelloy Vertical Exchanger, 150/150#, Built 2000



5940

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Heat Exchangers and Condensers

- 5953 50 Sq. Ft. Doyle & Roth Hastelloy Vertical Exchanger, 150/150#, Built 2000
- 5981 36 Sq. Ft. Doyle & Roth Hastelloy Vertical Exchanger, 150/150#, Built 2000
- 5980 32 Sq. Ft. Doyle & Roth Hastelloy Vertical Exchanger, 150/150#, Built 2000
- 5946 32 Sq. Ft. Doyle & Roth Hastelloy Vertical Exchanger, 150/150#, Built 2000
- 5952 32 Sq. Ft. Doyle & Roth Model VT861-3VE Hastelloy C276 Vertical Shell & Tube Heat Exchanger. Rated 150 psi/FV @ 347°F tube side; Rated 150 psi/FV @ 347°F 316L SS shell side. Lug Mounted, Built 2000.
- 5974 32 Sq. Ft. Doyle & Roth Hastelloy Vertical Exchanger, 150/150#, Built 2000
- 5985 32 Sq. Ft. Doyle & Roth Hastelloy Vertical Exchanger, 150/150#, Built 2000
- 5961 20 Sq. Ft. Doyle & Roth Hastelloy Vertical Exchanger, 150/150#, Built 2000
- 5973 20 Sq. Ft. Doyle & Roth Hastelloy Vertical Exchanger, 150/150#, Built 2000
- 5960 18 Sq. Ft. Doyle & Roth Hastelloy Vertical Exchanger, 150/150#, Built 2000

Generator - Steam Generator

- 5926 Used steam generator on portable base. 98 KPA @ 120 Deg. C. Jacket Rated 441 KPA @ 120 Deg. C. with panel. Built 2008, Mfg. by Olsa Spa (Italy). S/N 4772, NB 60.

Mills and Micronizers

- 5911 Sturtevant Model SSC4 Micronizer with Ktron K2MVT20 Feeder
- 5915 KEK Model 5H Pin Mill. On portable stand. 5 HP, 230/460 Volt. Kemtec model 5HM. Built 2005.
- 5917 Premier Model MXS-3 Mill
- 5937 Kemutec KEK 220 Cone Mill. On portable base. 5 HP, 460 volt, 1700 RPM. Belt drive with (2) spare belts.
- 6072 Bauermeister Lab Mill, Model ULD, Stainless Steel Pin Mill
- 6075 Stainless Steel Centrifugal Retech Pin Mill.
- 6073 Sturtevant Micronizer Pulverizer, Model Q, Stainless Steel, Qualifying Mill



5915

Pumps - Vacuum Pump Systems

- 5929 60 CFM Wintek Model K08-VC200-C40/R30 Vacuum Pump System, Built 2001
- 5930 60 CFM Wintek Model K08-VC200-C40/R30 Vacuum Pump System, Built 2001



5937

- 5941 60 CFM Wintek Model K08-VC200-C40/R30 Vacuum Pump System Skid. 60 ACFM @ 5 TORR with 7.5 HP Rietschle Vacuum Pump, Built 2001.
- 5942 60 CFM Wintek Model K08-VC200-C40/R30 Vacuum Pump System, Built 2001
- 5954 60 CFM Wintek Model K08-VC200-C40/R30 Vacuum Pump System, Built 2001
- 5975 60 CFM Wintek Model K08-VC200-C40/R30 Vacuum Pump System, Built 2001
- 5925 60 CFM Wintek Model K08-VC200-C40/R30 Vacuum Pump System, Built 2001
- 5924 30 CFM Wintek Model K08-VCA60-C15/R20 Vacuum Pump System, Built 2001
- 5955 30 CFM Wintek Model K08-VCA60-C15/R20 Vacuum Pump System, Built 2001
- 5976 30 CFM Wintek Model K08-VCA60-C15/R20 Vacuum Pump System, Built 2001



5941

Reactors - Glass Lined

- 5938 700 Gallon Tycon Glass Lined Agitated Jacketed Reactor. Internal rated 150 psi /FV @ 450°F; Jacket rated 100 psi /FV @ 450°F. Full Clamp Top. With Air-operated Plug Valve. Type 808 Glass. 3-blade Retreat Curve Agitator. 7.5 HP, 460 Volt, 1755 RPM Right Angle XP drive. Lug Mounted, Built 2000.
- 5943 255 Gal Tycon Glass Lined Reactor, 150/150#, Built 2000
- 5948 200 Gal Pfaudler Glass Lined Reactor, 150/100#, Built 2008
- 5978 145 Gallon Tycon Glass Lined Agitated Jacketed Reactor. Internal rated 150 psi /FV @ 450°F; Jacket rated 100 psi /FV @ 450°F. Type 808 Glass, Built 2000.
- 5979 50 Gal Tycon Glass Lined Reactor, 150/110#, Built 2000
- 5945 50 Gal Tycon Glass Lined Reactor, 150/110#, Built 2002
- 5971 50 Gal Tycon Glass Lined Reactor, 150/110#, Built 2000
- 5959 35 Gal Tycon Glass Lined Reactor, 150/100#, Built 2000
- 5903 30 Gal Pfaudler Glass Lined Reactor, 150/115#, Built 1993



5938



5978



5939

Reactors - Hastelloy

- 5939 300 Gallon Robert Mitchell Hastelloy C276 Agitated Jacketed Reactor. Unit rated 100 psi/FV @ 450°F internal; 150 psi/FV @ 450°F on jacket. Bolted top head. With air-operated valve. 5 HP Pro-quip Model 500VHHW14 agitator Lug mounted, Built 2001.

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Reactors - Hastelloy

- 5977 200 Gal Robert Mitchell Hastelloy Reactor, 100/150#, Built 2001
- 5904 100 Gal Robert Mitchell Hastelloy Reactor, 100/150#, Built 2001
- 5944 100 Gal Robert Mitchell Hastelloy Reactor, 100/150#, Built 2001
- 6071 Unused 100 Gallon Northland Stainless Hastelloy Reactor, 150/150#, Built 2009
- 5949 100 Gal Robert Mitchell Hastelloy Reactor, 100/150#, Built 2001
- 5950  100 Gallon Robert Mitchell Hastelloy C276 Agitated Jacketed Reactor. Unit rated 100 psi/FV @ 450°F internal; 150 psi/FV @ 450°F on jacket. Bolted top. With valve. Coned bottom. 2 HP, 1725 RPM Pro-Quip agitator. Lug Mounted, Built 2001.
- 5972 50 Gal Robert Mitchell Hastelloy Reactor, 100/150#, Built 2001
- 5983 50 Gal DCI Hastelloy Reactor, 150/150#, Built 1998
- 5970 50 Gal American Alloy Fab Hastelloy Reactor, 150/150#, Built 2006
- 5958 30 Gal Robert Mitchell Hastelloy Reactor, 100/150#, Built 2001
- 5957 20 Gal Robert Mitchell Hastelloy Reactor, 100/150#, Built 2001
- 5984 20 Gal Steel Pro Inc Hastelloy Reactor, 150/150#, Built 2001
- 6076 10 Gal Pfaudler Hastelloy Reactor, 300/150#, Built 2001



Reactors - Misc.

- 6154 20 Gallon Pope Jacketed Receiver, 316L, 100/40#, New 2007
- 5913 Buchi Rotovapor 175X Evaporator
- 5914 Buchi Rotovapor R185EX Evaporator
- 5916 Used Lee Industries model 7 GALDBP approximately 7 Gal. reactor. Rated 30 PSI internal @ 200 Deg. F, jacket rated 100 PSI @ 338 Deg. F. U Stamped. Lightnin model P6S05A air-driven 3-blade propeller agitator. Built 1998.
- 5912 2 Gal Parr Model APP2G Reactor, 1900#.

Scales

- 6051 250 KG Capacity, Fairbanks Model 2800 Stainless Steel Portable Scale
- 6052 250 KG Capacity, Fairbanks Model 2800 Stainless Steel Portable Scale
- 6054 250 KG Capacity, Fairbanks Model 2800 Stainless Steel Portable Scale
- 6053 250 KG Capacity, Fairbanks Model H-90-3051 Stainless Steel Portable Scale
- 6055 250 KG Capacity, Fairbanks Model H-90-3051 Stainless Steel Portable Scale
- 5993 250 KG Capacity, Fairbanks Model H-90-3051 Stainless Steel Portable Scale

Scrubbers

- 5962 PEP Caustic Scrubber System
- 5964 150 CFM @ 180°F Ceilcote Air Pollution Scrubber System, Built 2001 (Qty. 3)

Tanks - Carbon Steel

- 5905 940 Gal Brunner Horizontal Carbon Steel Pressure Vessel, 200 #, Built 2001


Tanks - Fiberglass

- 5906 3,200 Gal Augusta Horizontal Fiberglass Tank, Built 2001
- 5907 3,200 Gal Augusta Horizontal Fiberglass Tank, Built 2001

Tanks - Glass Lined

- 5920 590 Gal Tycon Glass Lined Tank, 100#, Built 2001
- 5923 590 Gal Tycon Glass Lined Tank, 100#, Built 2001
- 5936 590 Gal Tycon Glass Lined Tank, 100#, Built 2001

Tanks - Stainless Steel

- 6061  2,000 Gallon Steel Pro Vertical 316 Stainless Steel Vacuum Rated Storage Tank. 5' Diameter x 12' straight side. With dished top and bottom heads. Rated 14.5 PSIG/Full Vacuum internal. On legs, Built 2001. (Qty. 5 Available)
- 6062 2,000 Gal Steel Pro Inc Vertical 316 SS Tank, dished top and bottom, Built 2001
- 6063 2,000 Gal Steel Pro Inc Vertical 316 SS Tank, dished top and bottom, Built 2001
- 6064 2,000 Gal Steel Pro Inc Vertical 316 SS Tank, dished top and bottom, Built 2001
- 6065 2,000 Gal Steel Pro Inc Vertical 316 SS Tank, dished top and bottom, Built 2001
- 6063 300 Gal Steel Pro Horizontal 316L SS Tank, Built 2009
- 5921 75 Gal Steel Pro Vertical 316L SS Jacketed Tank/Receiver, 50/100#, Built 2001



Temperature Control Units

- 5987 Wellman Thermal System Inc. Temperature Control Skid. With Durco 5 HP 230/460 volt, 3500 RPM pump. 150 PSI @ 400 Deg. Maximum. With TCS Industries heat exchanger, rated 150 PSI/full vacuum @ 400 Deg. F. Built 2000. (Qty. 13 Available)
- 5996 Wellman Thermal System Inc. Temperature Control Skid. With Durco 7.5 HP Pump. 150 PSI @ 400 Deg. Maximum. With TCS Industries Heat Exchanger, rated 150 PSI/Full vacuum @ 400 Deg. F. Built 2000. (Qty. 4 Available)

Water Treatment

- 5910 Used US Filter Reverse Osmosis Unit. With (3) US filter cartridge filters and (2) UV units. Skid mounted.



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