

**Equipment includes:** (5) 6,000 Gallon Stainless Steel Reactors; (1) 15,000 Gallon Stainless Steel Reactor; (2) Gala Pellet Dryers; (3) Nash Vacuum Pump Skidded Systems; (1) 135 Cu. Ft. Stainless Steel Ribbon Blender; Dozens of Shell & Tube Heat Exchangers; and much more. All immediately available and priced to sell!

### Blenders - Ribbon Blender

**4994** Used 135 Cu Ft SS Jacketed Single Ribbon Blender built by Cleveland Mixer, 30 HP motor, 120" L x 50" W x 80" H, Weight: Approx 8,500 lbs.



### Chillers

**4922** 64 Ton York Model YCAZ88MR6 Air Cooled Reciprocating Chiller

**4993** 64 Ton York Model YCAZ88MR6 Air Cooled Reciprocating Chiller

**5105** 30 Ton York Model YCAL0042EC46XCA Air Cooled Chiller, Built 2003

### Dryers - Pellet Dryers

**5101** Gala Pellet Dryer, Model # 303 BF, 43" dia x 119" H

**5102** Gala Pellet Dryer, Model # 303 BF, 43" dia x 119" H

### Extruders

**5103** 200 HP 12" Single Feed Screw Extruder, Welding Engineering, 12" x 142"

**5104** 200 HP 12" Single Feed Screw Extruder, Welding Engineering, 12" x 142"



### Heat Exchangers - Shell & Tube

**5087** Used 650 Sq Ft Horizontal SS Shell & Tube Heat Exchanger. 304-SS Shell rated 275 PSI @ 100/-20 deg F, 304-SS Tubes rated 183 PSI @ 100/-20 deg F, Shell dia : 22" x 138", (147) tubes, 3/4" dia x 144" L, Nozzles: Shell - (2) 3"; Tubes - (2) 2", Type BEU, 1 Pass Shell; 4 Pass Tubes. Mfg by Doyle & Roth, 2003, S/N: S-1033-4, NB# 19688, Previous use: Primary Condenser, Weight: 3560 lbs. U-1 & Drawing on file.



**5086** Used 596 Sq Ft Horizontal SS Shell & Tube Heat Exchanger. 304-SS Shell rated 150 PSI @ 450 deg F, 304-SS Tubes rated 150 PSI/FV @ 450 deg F, Shell dia : 27.75" x 5' 9", (506) tubes, 3/4" dia x 6' L, Nozzles: Shell - (2) 3"; Tubes - 6" in, 3" out, Type BEM. Mfg by Doyle & Roth, 2003, S/N: S-1033-1, NB #19685, Previous use: Primary Condenser, Weight: 3085 lbs. U-1 & drawing on file.

### Heat Exchangers - Shell & Tube

**5085** 596 Sq. Ft. 304 SS Doyle & Roth Horizontal Exchanger, 150/150#, Built 2003

**5113** 596 Sq. Ft. 304 SS Doyle & Roth Horizontal Exchanger, 150/150#, Built 2003

**5077** 316 Sq. Ft. 304 SS Ind. Process Equipment Horizontal Exchanger, 150/150#

**5076** 316 Sq. Ft. 304 SS Ind. Process Equipment Horizontal Exchanger, 150/150#

**5075** 316 Sq. Ft. 304 SS Doyle & Roth Horizontal Exchanger, 150/150#, Built 2006

**5082** 316 Sq. Ft. 304 SS Doyle & Roth Horizontal Exchanger, 150/150#

**5083** 316 Sq. Ft. 304 SS Doyle & Roth Horizontal Exchanger, 150/150#

**5084** 316 Sq. Ft. 304 SS Ind. Process Equipment Horizontal Exchanger, 150/150#

**5094** 278 Sq. Ft. Carbon Steel Doyle & Roth Horizontal Exchanger, 95/190#

**5095** 278 Sq. Ft. Carbon Steel Doyle & Roth Horizontal Exchanger, 95/190#

**5098** 199 Sq. Ft. 304 SS Doyle & Roth Horizontal Exchanger, 125/125#, Built 2006

**5097** Used 126 Sq Ft Horizontal SS Shell & Tube Heat Exchanger. CS Shell rated 95 PSI @ 250 deg F, 304-SS Tubes rated 75 PSI @ 250 deg F, Shell dia : 16" x 3' 10", (168) tubes, 3/4" dia x 4' L, 1 Pass-Shell; 6 Pass-tubes, Nozzles: Shell - (2) 3"; Tubes - (2) 2", Type BEM. Mfg by Doyle & Roth, 2004, S/N: S-1125, NB# 19747, Previous use: Styrene Chiller, Weight: 950 lbs. U-1 & Drawing on file.



**4975** 105 Sq. Ft. 304 SS Doyle & Roth Horizontal Exchanger, 125/125#, Built 2006

**5078** 100 Sq. Ft. 304 SS Ind. Process Horizontal Exchanger, 150/150#, Built 2000

**5079** 100 Sq. Ft. 304 SS Doyle & Roth Horizontal Exchanger, 150/150#

**5081** 100 Sq. Ft. 304 SS Doyle & Roth Horizontal Exchanger, 150/150#

**5092** 94 Sq. Ft. 304 SS Doyle & Roth Horizontal Exchanger, 95/190#

**5096** 61 Sq. Ft. Carbon Steel Doyle & Roth Horizontal Exchanger, 95/190#

**5090** 26 Sq. Ft. 316 SS Doyle & Roth Horizontal Exchanger, 150/50#, Built 2005

**5091** 20 Sq. Ft. Carbon Steel Doyle & Roth Horizontal Exchanger, 95/75#, Built 2003

**5093** 20 Sq. Ft. Carbon Steel Doyle & Roth Horizontal Exchanger, 95/190#

**High Quality Process Equipment.  
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**Reactor Bodies & Pressure Vessels – Carbon Steel**

**4982** Used approx. 2000 Gal vertical Carbon Steel Tank. Internal rated 125 PSI/FV @ 375 Deg C. Dished Heads. 6' dia x 10' T/T. (OAL: Approx 16' 2"). Shell thickness: 1/2". Leg Mounted. Various top nozzles, 24" Side Manway, 4" CBO. Built by McCarl's, 2006. S/N: T-1487, NB# 28. Leg Mounted. Previous Use: Chilled Glycol Tank. Weight: 8000 lbs. U-1 & Drawing on file.



**4984** 500 Gallon Carbon Steel McCarl's Pressure Tank, 125 PSI, Built 2005

Carbon Steel McCarl's Pressure Tank, 125 PSI, Built 2005

**4980** 500 Gallon Carbon Steel McCarl's Pressure Tank, 14 PSI, Built 2005

**4986** 30 Gallon Carbon Steel McCarl's Pressure Tank, 50 PSI, Built 2006

**Reactor Bodies & Pressure Vessels – Stainless Steel**

**4983** 1035 Gallon 304L SS Roben Pressure Tank, 100/100#, Built 2006

**4979** Used approx. 600 Gal vertical 304-SS Jacketed Tank. Internal rated 100 PSI @ 250 Deg C. 304-SS 2" Half Pipe Coil Jacket rated 100 PSI @ 250 deg C. Dished Heads. 4' dia x 5' 7" T/T. (OAL: Approx 8'). Shell thickness: 1/4". Leg Mounted. Various top nozzles, 12" Side Inspection Port, 1.5" CBO. Built by Five Star Industrial Services, 1988. S/N: S-888-2, NB# 72. Lug Mounted. Previous Use: Catalyst Feed Tank. U-1 & Drawing on file.



**4978** 200 Gallon 304 SS Five Star Industrial Svcs. Jacketed Pressure Tank, 100/100#

**4981** 163 Gallon 304L SS Roben Jacketed Pressure Tank, 125/100#, Built 2006

**Reactors & Mix Tanks - Stainless Steel**

**4976** Used approx. 15,000 Gal vertical 304-SS Reactor. Internal rated 150 PSI/FV @ 400 Deg F. Inconel dimpled Jacket rated 180 PSI @ 400 deg F. Dished Heads. 11' 8" dia x 17' 5.375" T/T. (OAL: Approx 39'). 125 HP Lightnin agitator, 230/460V, 1750 rpm, Gear ratio 17.4/1 - 68 RPM output. Built by Brighton Corp, 1970. S/N: A-7141, NB# 2407. Leg Mounted. Approx Weight: 43,000 lbs. Previous Use: Syrup Recovery. U-1 & Drawing on file.



**4987** 6,000 Gallon 304L SS Master Craftsmen Mix Tank, 20/125#

**4988** 6,000 Gallon 304L SS ACME Process Equipment Mix Tank, 20/125#

**4989** 6,000 Gallon 304L SS Master Craftsmen Mix Tank, 20/125#

**4990** 6,000 Gallon 304L SS Master Craftsmen Mix Tank, 20/125#



**4991** Used 6000 Gal vertical 304L-SS Steel Tank. Internal rated 20 PSI @ 200 Deg F. Jacket rated 125 PSI @ 200 deg F. Dished Heads. 9' dia x 12' 9" T/T. (OAL: Approx 21'). Shell thickness: 3/8". 7.5 HP Lightnin Agitator, Model 93-C-7.5, 230/460V, 1725 RPM. Various top nozzles, 20" Top Manway, 20" Side Manway, 3" CBO. Built by Brighton Corp, 1986. S/N: ER-3030-3, ASME

Coded, Lug Mounted, Previous Use: Feed Tank, Weight: 8500 lbs, Drawing on file.

**Rubber Chopper / Pre-breaker**

**5127** Used Rietz (Bepex) prebreaker rubber chopper, model PB-15-K2L228, stainless steel construction, 15 3/4" diameter screw, 8 1/2" wide x 15 3/4" inlet opening. Main drive motor 100HP 1800 RPM, 405T Frame, TEXP 460V, 3 Ph, 60 Hz. Reducer Falk N 2110 Y2, 1052 Input RPM, 50 Output RPM. Low speed coupling guard. Motor on unitized base, serial# P-84002065. Also includes spare PB-15 Body, Rotor Assembly and Orifice Plate.



**Vacuum Pumps**

**5106** 30 HP Nash-Kinema Vacuum Pump Skid Package, Built 1996 (Qty. 3)

**5109** 15 HP Nash 2-Stage 316 SS Liquid Ring Vacuum Pump, Model TCM-1 (Qty. 2)

**5111** 3 HP Tuthill CS Rotary Lobe Vacuum Booster Pump, Model 3204-90L2 (Qty. 2)

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