

Complete Multi-Million Dollar State-of-the-Art Heat Treat System

*Purchase the Entire System
or Individual Components*



Elgin, Illinois

New 2008 - 2010

Sale Offered in Partnership with



www.perfectionindustrial.com



Hilco Industrial

Phone +1 248-254-9999

www.hilcoind.com

The Heat Treat System Can Be Purchased:

- In its Entirety to be Operated in Place (with Lease Option)
- In its Entirety for Removal / Relocation
- Or By Individual Component



Contact John Magnuson at 847-504-3204, Email jmagnuson@hilcoglobal.com

SHOT BLAST • PLANT SUPPORT



SHOT BLAST MACHINE

- 1 - WHEELABRATOR MODEL ROTO-JET HB 20/30-5.4-4/15 SHOT BLAST MACHINE (2010), Max Workpiece Size: 2000mm Diameter x 3000mm High x 6000-kG, Blast Media: Round Steel Shot, Abrasive Throwing Speed: 75 m/s (Approx.), with Schlick Type A 40/12 Air-Shoc Cartridge Filter Unit, In Floor Abrasive Collection Hopper, Bucket Elevator, Abrasive Reclamation Unit and Silo, Abrasive Control Units, (4) Roto-Jet Type 5.4 Double Disk Turbines, Motorized Part Loading System Mounted on Free-Standing "T" Shaped Overhead Monorail Track with (2) Carrier Hooks, PLC

FACILITY & SUPPORT EQUIPMENT

- 1 - EVAPCO PROCESS WATER COOLING TOWER with (2) SBS Heat Exchangers (2010)
- 1 - CATERPILLAR MODEL C9 200-kW DIESEL BACK-UP GENERATOR
- 1 - INCOMING POWER: (2) 4000-Amp Transformers
- 2 - DEMAG 16-TON X 75'9" SPAN DOUBLE GIRDER BRIDGE CRANES
- 1 - 28,735-SQUARE FOOT FACILITY - Lease Option Available
- 2 - METROLOGY LABS - No Equipment Included



COMPLETE HEAT TREAT SYSTEM



**Purchase the Entire System
or Individual Components**

HEAT TREAT SYSTEM

2 – AICHELIN-IHU SIZE 200/250 ELECTRIC VERTICAL PIT CARBURIZING FURNACES, S/Ns 04.17444 (R09019-2 & R09019-1) (Both 2010), Max Temperature: 1800°F, Working Temperature Range: 1400° to 1750°F, Max Gross Load per Tray: 33,000-Lbs., Effective Load Size: 78"D x 98"H, (4) Heating Zones, (12) Heaters, Rod Over Bend Heating, Connected Heating Load: 400-kW, Overall Dimensions: 148"D x 210"H, with Frey Carbomaster Process Controls and Protherm 500 Furnace Control, Retort, Cover Lifting and Swiveling Unit, Gas Recirculation Fan, Rapid Cooling System for Internal Cooling of Retort and Load, Sample/Flush/Pressure Probes, Pressure Regulator, Buhler EGK12 Sample Gas Cooler, Buhler Gas Extraction Sensor, MMI Carbonseer Zirconia Carbon Sensor, Siemens PLC's, 480V/60Hz

3 – AICHELIN-IHU SIZE 160/250 ELECTRIC VERTICAL PIT CARBURIZING FURNACES, S/Ns 04.17444 (R09019-3), 04.17444, 04.18199 (To 2011), Max Temperature: 1800°F, Working Temperature Range: 1400° to 1750°F, Max Gross Load per Tray: 22,000-Lbs., Effective Load Size: 63"D x 98"H, (4) Heating Zones, (12) Heaters, Rod Over Bend Heating, Connected Heating Load: 320-kW, Overall Dimensions: 132"D x 210"H, with Frey Carbomaster Process Controls and Protherm 500 Furnace Control, Retort, Cover Lifting and Swiveling Unit, Gas Recirculation Fan, Rapid Cooling System for Internal Cooling of Retort and Load, Sample/Flush/Pressure Probes, Pressure Regulator, Buhler EGK12 Sample Gas Cooler, Buhler Gas Extraction Sensor, MMI Carbonseer Zirconia Carbon Sensor, Siemens PLC's 480V/60Hz

2 – AICHELIN-IHU ELECTRIC VERTICAL PIT CARBURIZING FURNACES, Size 120/250, S/N 04.17444 (R09019-4) (2010) and Size 120/200, S/N 04.16870/1 (2009), Max Temperature: 1800°F, Working Temperature Range: 1400° to 1750°F, Max Gross Load per Tray: 17,500-Lbs., Effective Load Size: 47"D x 98"H, (3) Heating Zones, (9) Heaters, Rod Over Bend Heating, Connected Heating Load: 270-kW, Overall Dimensions: 116"D x 210"H, with Frey Carbomaster Process Controls and Protherm 500 Furnace Control, Retort, Cover Lifting and Swiveling Unit, Gas Recirculation Fan, Rapid Cooling System for Internal Cooling of Retort and Load, Sample/Flush/Pressure Probes, Pressure Regulator, Buhler EGK12 Sample Gas Cooler, Buhler Gas Extraction Sensor, MMI Carbonseer Zirconia Carbon Sensor, Siemens PLC's, 480V/60Hz

3 – AICHELIN SIZE 200/250 ELECTRIC VERTICAL PIT TEMPERING FURNACES, S/Ns R09019-8, R09019-7, R07018-2 (All 2010), Max Temperature: 850°F, Working Temp Range: 700° to 840°F, (4) Temperature Control Zones, Max Gross Load per Tray: 33,000-Lbs., Effective Load Size: 78"D x 98"H, (9) Heaters, Rod Over Bend Type, (3) 60-kW Heating Zones, Overall Dimensions: 130"D x 210"H, with Retort Cover Lifting Unit, Gas Recirculation Fan, Airtech Electrostatic Filter, 480V/60Hz

2 – AICHELIN SIZE 200/250 VERTICAL PIT OIL QUENCH TANKS, S/Ns R09019-5, R09019-6 (Both 2010), Max Quench Temperature: 350°F, Working Temperature Range: 200° to 325°F, Max Safe Oil Temp: 440°F, Tank Volume (Approx): 16,642-Gallons (63,000-Liters), Effective Load Size: 78"D x 98"H, Max Gross Load per Tray: 33,000-Lbs., Connected Heating Load: 160-kW, (2) Heating Zones, Overall Dimensions: 200"W x 220"L x 230"H, with (8) 20-kW Immersion Heaters, (4) 10-HP Agitators, Heat Exchanger, Motorized Cover Lift, Impeller Driven Quench Media System, Oil Vapor Exhaust Openings, CO2 Ring with Nozzles, (2) Oil Recirculation Pumps, Siemens Controls, 480V/60Hz

1 – AICHELIN SIZE 200/250 VERTICAL PIT POST WASHER, S/N R09019-9 (2010), Wash Fluid: Water, Contained Fluid: 5,283-Gallons, Max Operating Temp: 150°F, Temp Working Range: 33° to 120°F, Spray Pump: 25-HP (412-GPM), (1) Temperature Control Zone, Effective Load Size: 78"D x 98"H, Gross Load per Tray: 33,000-Lbs., Overall Dimensions: 126"W x 176"L x 188"H, with (6) Spray Rinse Zones with 76-Nozzles, SmartSkin Oil Skimmer, (2) Heat Exchangers, Tank Level Indicators, Carbon Steel Construction, Motorized Cover Lift, 480V/60Hz

QUANTITY OF Approximately 16,000-Gallons of Petrofer Type Marquench 875 Special Quench Oil (In Service Date September 2013)

QUANTITY OF Approximately 16,000-Gallons of Houghton Type Mar-Temp Oil 355 Quench Oil (In Service Date 2011) with Houghton Quench Additive 6220



32,000-Gallons of Quench Oil Available



Partial View - Heat Treat Lower Level



31555 W. Fourteen Mile Road, Suite 301
 Farmington Hills, MI 48334
 Ph: 248-254-9999
 Fx: 248-254-9995
 www.hilcoind.com

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REAL ESTATE OPPORTUNITY
By Private Treaty



ADDRESS

950 Tollgate Road
 Elgin, IL 60123

BUILDING SPECIFICATIONS

Total: 132,219 Sq. Ft. +/- (Expandable)
 Office: 10,948 Sq. Ft. +/- (Renovated in 2009)
 Shop: 103,538 Sq. Ft. +/-

SITE AREA

14.26 Acres +/-

CEILING HEIGHT

• 27' – 31' Clear Height

YEAR BUILT

Built in 1981
 2009 Transition from Assembly Facility to Gear Manufacturing Facility
 2010 New Heat Treat Facility

LOADING FACILITIES

3 - Exterior Docks (Expandable)
 4 - Drive-In Doors

BUILDING

- T-8 High Efficiency Lighting
- 13 Overhead Cranes Available – Up to 80-Ton Capacity
- Newer Roof
- 100% Air Conditioned
- Impeccably Maintained

FACILITY ACCESS

- 1.5 Miles to I-90 & Rt. 31 Interchange
- 27 Miles to O'Hare International Airport
- 39 Miles to Downtown Chicago Loop



**For More Information on Real Estate Opportunity,
 Please Contact Ben Spera, 617-737-5041, Email bspera@hilcoglobal.com**



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