



**Machinery for the Woodworking, Stone,
Glass, Plastic, and Metalworking Industries**



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EXF # : BD-010324
Category : BOILERS & DRY KILNS
Brand / Model : SIGMA THERMAL "HC2-1.5-D-SF"
Machine Type : BOILER, THERMAL OIL HEATING
Year of Mfg. : 2013
Condition : Like New
Elect / Voltage : 460 V, 60 Cy, 3 Ph.
Special Note : In Auction

FOB / Region : WEST COAST
Appr. Repl. Cost. : \$ 0
Price : **\$ 28,750 ***
Comment : Never used in production!
Leasing : Lease for \$ 584/Mo. at NCL



Please ask me

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* Pricing is valid at the time of printing and subject to change at any time.

Description :

- **SIGMA THERMAL - HC2-1.5-D-SF 0.6: MMBTU/Hr. Oil-Fired Vertical Down Fired Thermal Fluid Heating System;** Originally Installed for a Vacuum Kiln, but Never Used in Production!
- **Specifications:**
Heat input: 0.6 MMBTU/Hr.
- Flow rate: 85 Gallons/Min.
- Operating temperature: 400° F Supply & 369° Return.
- Operating pressure: 53 PSIG.
- Design flow mass rate: 31,898 Lbs/Hr.
- Design flow volume rate: 85 GPM.

Sales - Liquidations - Auctions - Appraisals - Consulting

EX-FACTORY INC.: 1805 Sardis Road North | Charlotte, NC 28270 USA | Ph +1 704.841.2001 | Fax 704.644.8068
Warehouse & Showroom: 8191 Logistic Drive, Suite E | Zeeland, MI USA | Ph +1 616.772.1520 | Fax 704.644.8328



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- Heat transfer fluid type: Paratherm HE.
- Fuel type: No. 2 Oil.

Equipped with:

- MAXON "OVENPAK EBC2" Oil-fired burner with Firing Rate (HHV Basis): 703,519 BTU/Hr. Steady State & 773,871 BTU/Hr. Design State and 6 Gallons/Hr. Fuel flow rate.
- Heater coil with: 750° F Operating temperature.
- 15 HP Heat transfer fluid pump.
- 40" Dia. x 80" H vertical oiler tank with: 250 PSI at 750° F; max. allowable working pressure.
- 120-Gallon cap. horizontal expansion tank with: 140 PSI at 600° F; max. allowable working pressure.
- Control with: FIREYE "BurnerLogix BLL110" Digital burner management controller; YOKOGAWA ELECTRIC "PV" Digital temperature controller; (3) YOKOGAWA ELECTRIC "UT150L" Digital temperature limit controllers.

Complete with:

- Installation, Operation, & Maintenance Manual.
- J.F.D. TUBE & COIL PRODUCTS Heat Exchanger & Pipe.
- (3) PROCESS CONTROL SPECIALTIES VacuDry Kilns Vacuum Kiln Controls. Each with: UNITRONICS "Vision530" PLC; 5.7" Graphic LCD touchscreen & AUTOMATION DIRECT "DURApulse; GS3-4100" 100 HP AC Drive with LCD Touchpad controller.
- (2) BENSHAW "RSI-125-SG-4B": 125 HP Variable speed drives; each with: LCD Touchpad controller.

Component Dimensions

- Boiler Tank with Control & Framework: 84" x 68" x 128" H.

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- Expansion Tank with Pump & Framework: 96" x 70" x 130" H.
- Burner Piping with Pallet: 64" x 46" x 15" H.
- Heat Exchanger: 118" x 70" x 19" H.
- Pipe: 22" x 18" x 254" H.
- (3) Kiln Controls: 96" x 22" x 109" H; 102" x 22" x 72" H; & 96" x 22" x 72" H.
- Variable Speed Drive with: (3) Switch boxes & pallet: 36" x 15" x 80" H.
- Variable speed drive with pallet: 16-1/2" x 20" x 31-1/2" H.

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