

Biomass Boiler + Room 1500HP Item 7258



BIOMASS BOILER—1500 BHP Hurst Biomass Boiler, 450 PSI, 9750 sq ft of Heating Surface. Model # HYB 9570-450-1, Built in 2009. This is a HYBRID biomass boiler (part firetube & part watertube) designed so well by Hurst Boiler with reciprocating grate. Only used for about 6 years.

Complete Steam Plant with a non-condensing type Steam Turbine Generator 1.0 MW, 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.



Manufacturer Lists the following Features: "Hybrid" Firetube/Watertube Vessel Design; Watertube Section; Fire-tube Section with Blast Tubes; Reciprocating Fire Grates; Under Fire Air Fan; Reciprocating Drive; Over Fire Fan/ Dampers; Carry-Over Reinjection Blower; Fire Door; Ash Clean Out Door; Fuel Metering Bin; Ash Removal Conveyor; Refractory Arch. Includes operating manuals and some drawings. Last used for burning used shredded carpet. The blast tubes prevent fouling from ash on the first pass through fire tubes.



Clean tubes

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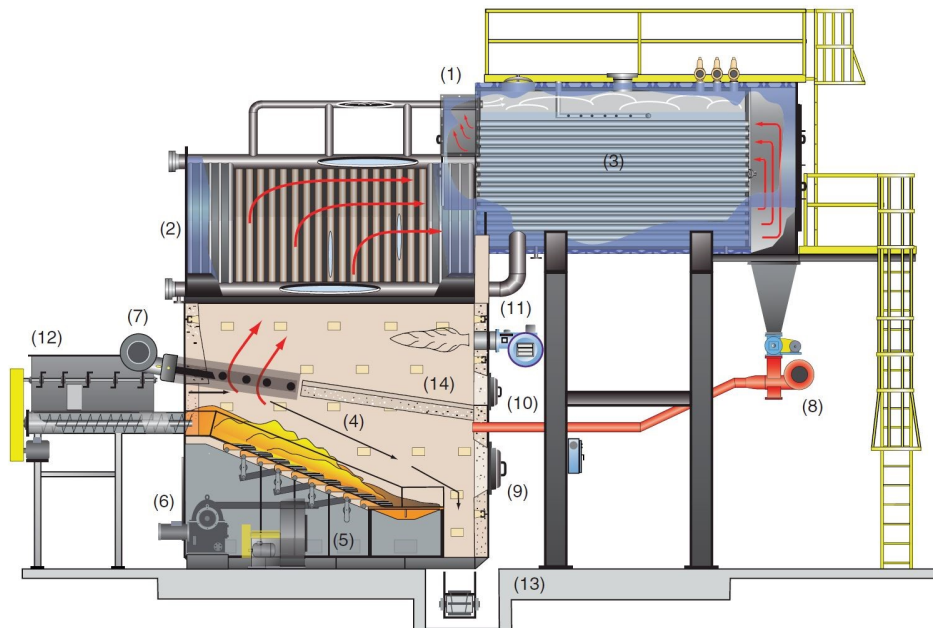


Laidig Model 543-26' Cantilever Reclaim System and one (1) steel bolted silo. Size 26.2 ft dia X 72.5 ft tall

This is a Biomass Boiler PLUS the entire boiler room worth of equipment:

Mfg	Name
Hurst	Boiler Model HYB 9570-450-1. Hybrid biomass boiler with Reciprocating Grate Feed Conveyors Boiler feed metering Deaerator Tank Feedwater pumps
Skinner Erie	Steam Turbine and 1 MW Generator packaged by Skinner Power Systems Wet ash disposal system Economizer and Ducting CEMS emissions monitoring system Filter bag houses Controls and wiring Fabricated metal sides feed

- (1) Hybrid" Firetube/Watertube Vessel
- (2) Watertube Section
- (3) Firetube Section
- (4) Reciprocating Fire Grates
- (5) Under Fire Air Fan
- (6) Reciprocating Drive
- (7) Over Fire Fan/Dampers
- (8) Carry-Over Reinjection Blower
- (9) Fire Door
- (10) Ash Clean Out Door
- (11) Optional Back Up Burner
- (12) Fuel Metering Bin
- (13) Ash Removal Conveyor
- (14) Refractory Arch



Terms: All equipment is sold As Is Where Is, Subject to prior sale and availability. All quotes are in US Dollars unless specifically noted otherwise. Quotes valid for 2 weeks unless noted otherwise. Description of the equipment - especially those relating to capacity, size, or condition - are stated as clearly as possible for information to the buyer or observer. The descriptions and representations cannot be taken as accurate. The buyer has the sole responsibility to determine size, capacity, capability, suitability, condition, or any other attribute pertaining to the piece of equipment represented or purchased. The assets are sold "As Is", "Where Is" and "with all faults" and except as explicitly stated in the Contract for Purchase. All warranties, including, without limitation, the warranties of merchantability, quality, and fitness for a particular purpose are hereby expressly excluded. Seller makes no representations or warranties as to design, condition, capacity, performance, or any other aspect of the asset.