



HURST

BOILER & WELDING CO., INC.

HURST
SERIES

STAG
STAND ALONE GASIFIER

From the Boiler People

Rotary Dryers
Sand Dryers
Grain Dryers
Lumber Kilns
Cement Kilns
Brick Kilns

Solid Fuel

DIRECT-FIRED BURNER

High Temperature
AIR HEATING SYSTEMS



HURST PERFORMANCE HEATING SERIES

Clean Burn Design!



BIOMASSTER

STAG CONTROL SYSTEM

Developed for the Direct Fired Burner

Computer based, data driven
"SMART" monitoring and
control system designed for
the optimal clean combustion
and operation of the direct
fired burner system.

Real time modulation, reduce:
*Dirty flue-gas residue and hot
ash carry-over issues.*

STAG

STAND ALONE GASIFIER



DIRECT-FIRED BURNER

At Hurst, we have continued to expand our product lines to meet the needs of flourishing industries around the world. Our "STAG" systems are a culmination of our experience and knowledge of material handling, solid fuel combustion, and controls integration that offers a quality solution for most air heating applications. We are providing our customers the ability to economically and efficiently satisfy their air heating requirements by utilizing readily available waste as a fuel source in lieu of the expensive conventional sources. Hurst delivers the quality and performance that our customers expect in a custom engineered solution to reduce operating expenses and maximize productivity.

The Hurst STAG unit can be utilized from 5 MMBTU/HR - 250 MMBTU/HR with operating temperature ranges from 200°F to 2000°F. These system are frequently utilized in lumber dry kilns,



boiler applications,
oil heaters, rotary
dryers, brick kilns
and much more.

Reciprocating Grate Design

Complete burn
with automatic
dust-free wet ash
removal system.

RECIPROCATING GRATE STOKER



Modular
packaged
design for
low cost
project
installation.

SLOPED GRATE STOKER



GreenBurner Series

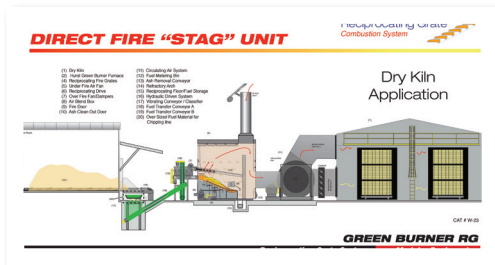


Twin Unit- Southern Pine Sawmill
Lumber Dry Kiln

**We Successfully Burn
Hundreds of Biomass Fuels...**

MILL WOOD WASTE
FUEL CROPS- Switch Grass, etc...
RDF-Municipal Solid Waste

FOREST MANAGEMENT- Collected Debris, etc...
TEXTILE WASTE- Production Fabric Waste
WASTE PETROLEUM- Fuel/Blend "waste" Oil Products

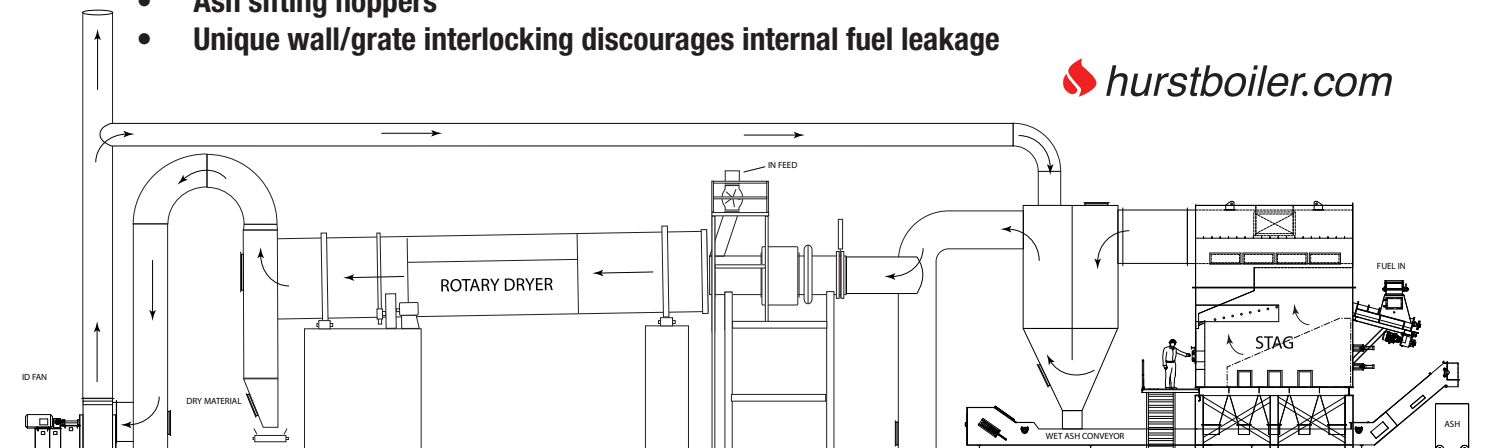


EQUIPMENT FEATURES

- **Totally automated system**
- **Superior refractory material**
- **Automatic ash removal system (wet & dry systems)**
- **Ash sifting hoppers**
- **Unique wall/grate interlocking discourages internal fuel leakage**

UNDERFEED STOKER

 hurstboiler.com



HURST

Steam Boilers

hot water



The Consulting Engineers First Choice

Multi & Flex Fuel Designs

GAS, OIL, COAL & BIOMASS

Steam & Hot Water Boilers

Hurst Boiler & Welding Company has been designing, engineering and servicing a complete line of solid fuel, solid waste, biomass, gas, coal and oil-fired steam and hot water boilers since 1967, for thousands of satisfied customers.

Hurst also manufactures a complete line of boiler room peripherals such as blowdown separator surge tanks, and pressurized make-up feed water tanks.



BOILER & BURNER PARTS IN STOCK

Hurst is a major supplier of boiler parts and controls that are commonly found on most boiler systems. We stock parts and supplies for gas, oil, coal or solid fuel systems. No matter the maker, Hurst can fill all your parts needs.



Feed Water Pumps
Boiler Controls
Gaskets / Seals
Piping and Valves
Boiler Tubes
Fuel Augers
Replacement Chains

Forced Draft Burners
Refractory (Hurst Brand)
Fire Bricks / Hangers
Fire Grates (ALL TYPES)
Stoker Assemblies / Parts
Gear Reduction Drives
Sight Glass / Float Valves



GENUINE HURST REPLACEMENT PARTS

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 hurstboiler.com

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