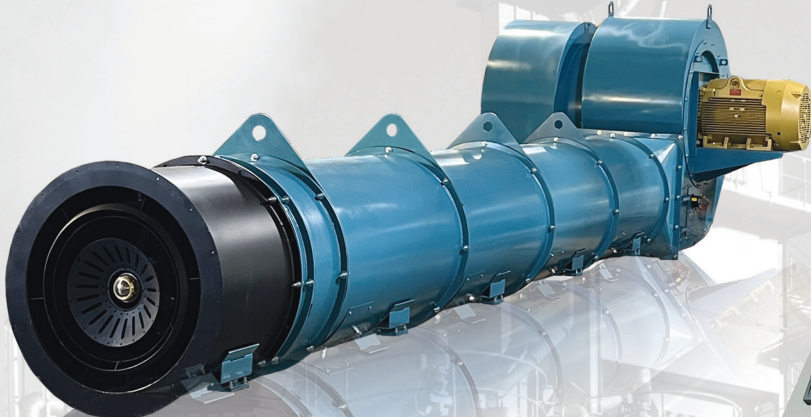


# Multi-Fuel Burners For The Aggregate Industry



**WEBSTER**  
**COMBUSTION**  
A Selas Heat Technology Company



Webster Combustion has been a leading manufacturer of custom and semi-custom multi-fuel burners for the commercial, institutional, and industrial markets for over 100 years. Our burners combine advanced controls with proven combustion performance to provide heat for the transformation of water to potable hot water, hot water for heating, steam for heating and process applications, and heat for drying and aggregate applications.

For over a century, Webster has helped customers reduce emission levels, and provided higher efficiencies for both new and existing boiler systems. Webster's pledge is to provide quality products and service through the use of innovative technologies, cutting edge manufacturing, and a world class customer experience.

Webster is proud to be a part of Selas Heat Technology Company, a global leader in combustion innovation.

**Talk to your local Webster representative today to find out how to reduce costs.**

## Webster Aggregate Dryer Burners

### HDRA Low NO<sub>x</sub> Burner Series - Rotary Drying



The Webster Combustion model HDRA-RF is a register-style total air burner that allows users to shape the flame by automatically controlling the register vanes to optimally fit their dryer and combustion zone. This flame-shaping capability means the flame will not impinge on material or flights, and CO can be maintained at much lower levels. In addition, NO<sub>x</sub> levels for the HDRA-RF are significantly lower than typically seen in asphalt applications.

- For firing rates from 50,000,000 up to 200,000,000 Btu/Hr
- High turndown rates
  - Up to 10 to 1 on gas firing; up to 8 to 1 on oil firing

### NEW

### Twister™ Open-Fired Burner Series



The Webster Combustion Twister series open-fired burner operates with low motor HP and an integrally mounted fan, meaning users will enjoy a more compact burner system. Optionally supplied VFDs and control systems are available to maximize turndown capabilities, increase fuel savings and reduce total energy usage.

- For firing rates from 35,000,000 to 100,000,000 Btu/Hr
- Fires multiple fuels including gas, oil and biofuel

## Forced Draft Burners For Hot Oil Heaters

JB burners are engineered for maximum combustion efficiency and extremely low electrical consumption. All JB Series burners and controls are designed for reliable operation and easy maintenance, and are thoroughly tested prior to shipment for trouble-free start up.



### JB(X) Burner Series

Our UL-listed JB Series burners are easily configurable, forced draft burners for boilers and thermal fluid heaters. They are capable of firing a combination of gas, oil, renewable or alternative fuels. These burners can also achieve low NOx levels for commercial and industrial applications.

- 400 to 12,600 MM Btu/Hr heaters and dryers
- Rugged, industrial design for harsh environments

## Aggregate Burners Control Systems

Webster Combustion has designed specific control systems for the aggregate drying market, proven to provide precise controls for the operators and plants who rely on them.



### Asphalt Burner Management System (ABMS)

- Integrated PLC operating system
- Oil, natural gas or combination applications
- For use with rotary drying applications
- Manual or automatic burner control
- Ethernet communications
- Available in stand-alone panel or drop in



**NEW**

### ACS-100 Asphalt Control System

- Integrated operating system
- Oil, gas or combination applications
- Single-point control system
- Manual or automatic firing rate control
- Material or stack temperature control modes

## Our History

Webster Combustion Technology LLC was founded by Mr. W. W. Webster in 1922 in Tulsa, Oklahoma to make the Webster Low Pressure Radiant Gas Burner. Mr. Webster and his staff built a highly successful business in the conversion gas burner industry.

Over the decades the company expanded its burner product line, eventually moving to Winfield, Kansas in April 1977 and narrowing its focus to the commercial and industrial burner business.

Webster was acquired by Selas Heat Technology in November of 2013 and the company changed its name to Webster Combustion Technology LLC. Webster has continued to grow, introducing among other things, ultra-low NOx burners and biofuel burners, as well as a full line of burners and control systems for the aggregate drying and asphalt market.



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