

Selas Heat Technology Company

Your Single Source for Combustion Products



Selas is no stranger to combustion. Established in 1896, it has been in the business for 120 years. The company has certainly come a long way, starting with gas street lights in Germany before expanding into a full offering of combustion components. Did you know that industrial process heating using premix burners was pioneered by Selas? In fact, it was originally known as the Selas System, and this “system” wouldn’t have been possible without the development of the Selas combustion controller.

Over the years, the company expanded its innovations into a full offering of combustion components before transitioning to a leader in heat-processing furnaces. This growth allowed Selas to build a team of talent to invent and engineer proprietary burners and other technologies, including press and fired ceramics burners. Throughout its long history and with its acquired brands, Selas has amassed a rich collection of patents.

Today, Selas is no longer a furnace manufacturer. The IHEA member, however, continues to serve the thermal-processing industry with a comprehensive range of gas burners, combustion systems and thermal components to support many types of ovens, furnaces and high-temperature applications. With offices in China, Germany, India, Italy and China, Streetsboro, Ohio-based Selas includes the following brands: Pyronics, Ray Burner, Red-Ray, ERB (Ensign Ribbon Burner), Webster Combustion and Maxsys Fuel Systems.

Selas’ products are specialized under each brand. Heating solutions include: Selas premix

burners and combustion components; Pyronics nozzle mix, premix burners and control systems; Ray Burner multiple fuel boiler burners; Red-Ray gas-fired infrared burners and systems; ERB direct flame ribbon burners; Webster multiple fuel boiler burners; and Maxsys energy-saving fuel conditioning systems.

Selas also offers field service for maintenance repair and training, installation, engineering services for custom-designed heating solutions and safety audits to ensure compliance with safety regulations.

Numerous products and components are made in-house at the Streetsboro headquarters. For example, Selas has a large ceramic room and kilns dedicated to the production of its high-performance ceramic nozzle tips and burner components. The company also uses many of its products in the production of other offerings throughout the facility, such as combustion safety devices, operating and control units, fuel regulators and fuel-saving systems.

Energy efficiency and fuel economy have been Selas’ major focus for many years and remain important factors in the evolution and innovation of new and existing products in the combustion industry. Selas will continue to be at the forefront of creating and improving industrial burners and combustion components to increase productivity and output while reducing energy costs and fuel usage.

With constant innovation comes growth, and Selas is dedicated to providing advanced thermal technologies for years to come ... as it has for more than a century.

Visit www.selas.com for more information on Selas.

