



Press Release

Wisconsin Oven Ships Dual Chamber Die Heating Furnace to the Automotive Industry

East Troy, WI – January 4th, 2019 – Wisconsin Oven Corporation announced the shipment of a Natural Gas Fired Heavy Duty Batch Series Furnace to the automotive industry. This dual chamber furnace will be used for preheating dies.

The dual chamber die heating furnace has a maximum operating temperature of 1,250° F and work chamber dimensions of 6'0" wide x 4'0" long x 6'0" high. Guaranteed temperature uniformity of $\pm 15^\circ$ F at 800° F and 1,100° F was verified through a nine (9) point profile test conducted in an empty furnace chamber under static operating conditions.



The dual chamber furnace has sufficient capability to heat 4,000 pounds of steel from 70° F to 1,100° F within 4-hours when loaded into a preheated furnace. Each chamber features a carbon steel die support structural frame to accommodate two (2) dies, one above the other. Each support structural frame is designed to support a 2,000-pound load.

"This dual chamber furnace was sold to a repeat customer in the automotive industry. A majority of the equipment we ship is to our repeat customer base, which is a testament to our customer service. We look forward to continuing to do business with this customer for years to come." -Jim Lucas, Senior Sales Engineer

Unique features of this natural gas fired batch furnace include:

- Guaranteed temperature uniformity of $\pm 15^\circ$ F at 800° F and 1,100° F
- Motorized (modulating) gas control valve
- 25,000 CFM @ 25 HP recirculation
- Flame detector & flame relay with alarm horn, red light, and silencing relay
- Load capacity of 4,000 pounds
- Digital Honeywell 3500 temperature controller
- Digital Honeywell 2500 furnace high limit instrument
- Honeywell Model 7800 flame relay with integral purge timer

This die heating furnace was fully factory tested and adjusted prior to shipment from our facility. All safety interlocks are checked for proper operation and the equipment is operated at the normal and maximum operating temperatures. An extensive quality assurance check list was completed to ensure the equipment met all Wisconsin Oven quality standards.



About Wisconsin Oven

Wisconsin Oven Corporation has been designing, engineering, and manufacturing industrial ovens and other heating equipment since 1973. Their custom and standard industrial ovens are used for a multitude of applications including heat treating, finishing, drying, and curing. Many of the industries they serve require specific temperature uniformity and equipment performance documentation. Their experienced design team can meet even the most stringent standards for their customers' equipment. Wisconsin Oven realizes that the success of the company depends on their Championship team of employees, which is why they have developed a company culture that recognizes and rewards employees. The goal at Wisconsin Oven is to outperform competition and provide customers with outstanding products and service.

Wisconsin Oven is owned by Thermal Product Solutions ("TPS"), a leading American manufacturer of industrial ovens, furnaces, pharmaceutical sterilizers, laboratory ovens, environmental temperature chambers, and stability test chambers. TPS provides thermal processing and test solutions for a range of industries. TPS brands include Baker Furnace, Blue M, Gruenberg, Tenney, Lindberg, Lunaire, MPH, and Wisconsin Oven. For more information on equipment solutions from TPS visit the website at www.thermalproductsolutions.com. #12999A