



Box FURNACE

PRODUCT INFORMATION SHEET

About box Furnaces

Box Furnaces are suited to a wide variety of processes and temperatures, typically ranging from 1200°F to 1800°F and higher. Below those temperatures the term 'Oven' is often used. HTF can build custom box furnaces in any temperature range for you.

Heating systems for Box Furnace thermal equipment can be gas or electric (see our Heat Source page for more on that), and the atmosphere inside the furnace can be air, nitrogen, endothermic gas, or the products of combustion for direct gas-fired units, or others depending on the process.

Loading is by batch, with work pieces situated in baskets on various hearth systems, or on piers in the floor of the furnace. That floor can be hard refractory if wear resistance is needed; otherwise refractory fiber modules offer a floor that is more responsive to temperature changes.



About HTF

For over 30 years, Heat Treat Furnaces has been designing, fabricating and installing custom furnaces for our industrial clients. HTF's experienced engineers and support staff are focused on your project.

Our industrial furnaces have an extensive list of capabilities and can be manufactured to suit almost any application. We are a full-service supplier, meaning we assume responsibility for all mechanical, electrical, structural and control aspects of our furnaces. When you purchase an HTF furnace, you get complete engineering support, evaluation, testing, design, fabrication, installation, start-up and field service with the continued support from our in-house service team.

At HTF, we believe in developing partnerships with our customers. We train your personnel, giving them the ability to better troubleshoot and maintain your equipment. We are available by phone or email, and if necessary, we will visit your plant to service your furnace.

LEARN MORE:
Visit our website:
heattreatfurnaces.com

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