HTF
HEAT TREAT FURNACES
A TTX COMPANY

Bell Furnacae
PRODUCT INFORMATION SHEET

About Bell Furnaces

Bell furnaces are used where workloads may be heavy, and when processing atmospheres need to be contained in a positively sealed system that does not leak. Examples include Carburizing and Ferritic Nitro carburizing (FNC), or Gas Soft Nitriding (GSN).

There are two general types of bell furnaces, both of which are easy to match with material handling and furnace furniture requirements:

1) Horizontally and vertically moving bell with one or more stationary hearths and integral controlled cooling furnac
2) Stationary vertically moving bell with horizontally moving hearth furnace

For these applications an electrically-heated system is preferable because there is no need for a costly retort. Further, because the heating energy is delivered directly into the process with no retort or radiant tubes acting as a barrier, an electrically-heated bell furnace is more efficient

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:
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