



TIP-UP FURNACE

PRODUCT INFORMATION SHEET

About Tip-Up Furnaces

Tip-up or Clamshell Furnaces are used for very large, heavy, or sometimes difficult-to handle products.

The Tip Up Furnace equipment shown here is used to solution anneal up to 50,000 pounds of 42 foot long stainless steel tubes 6 to 24 inches in diameter; heating to 2000°F and then quenching in less than 25 seconds from furnace to full immersion.

The automated paired system is the only way to quickly quench the tubes without deformation in less than 25 seconds, so as to achieve proper metallurgical results. In addition, the 24 gas burners are all self-recuperated and uniquely PLC (Programmed Logic Controlled), which has resulted in a 30% fuel cost saving while holding a +15°F uniformity.





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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