ABBOTT FURNACE

Engineering, Technology and Service

Continuous Brazing Furnace

The Market Leader in Continuous Furnace Technology.

Abbott furnaces are custom designed to meet our customer specifications. Our commitment to technology and service has enabled Abbott to develop long-term business relationships with our customers.

Abbott Brazing Furnaces can be designed for a variety of processes.

Base Materials
- Stainless Steel
- Carbon Steel
- Copper
- Brass

Filler Materials
- Copper
- Copper Alloys
- Silver Alloys
- Nickel Alloys

Atmospheres
- Nitrogen
- Hydrogen
- DA
- Endothermic
- Exothermic
- Argon

Maximum Temperature
- 1288° C / 2350° F

Abbott Contacts
- Dan Reardon
- Tim Raffeinner
- Carter Dippold
- Mike Gelsick

Features	Description
Alloy or Ceramic Muffle	Pro-rated 5 year warranty on our ceramic muffle.
Electric Heating	Combination of wire and silicon carbide heating elements provides excellent temperature uniformity.
Gas Heating	Our gas heating systems incorporate ABBOTT's "pulse-fire" technology.
Quality Delube Process (QDP)	The use of custom designed reaction/ combustion chambers and a regulated atmosphere control, combined with our under-hearth heating system, assures that the delube process is completed efficiently.
Rapid Cooling System (Varicool)	Advanced cooling system combines both atmosphere and water-jacketed cooling technology into one economical unit.
Atmosphere Moisturizing	Utilized to alter furnace dewpoints to ensure proper atmosphere conditions.
Monitoring & Control	Advanced computerized monitoring and control systems for temperature, atmosphere flow, dew point, oxygen content, belt speed. Etc.

Abbott Furnace Company employs a highly skilled work force to produce quality continuous belt furnaces and accessory products. In support of our original equipment manufacturing activities we also offer custom fabrication of replacement parts, repair service for a wide range of power and temperature controllers as well as calibration services.

Website: www.abbottfurnace.com Telephone: +(814) 781-6355