

News Release

For Immediate Release

Contact: Bill Gasbarre, Sales & Marketing Director

Sinterite, A Gasbarre Furnace Group Company

310 State Street

St. Marys, PA 15857

Phone: 814.834.2200

Email: bgasbarre@gasbarre.com

Sinterite Installs 12-Zone Humpback Brazing Furnace with HyperCooler

Sinterite, a Gasbarre Furnace Group Company, is pleased to announce the recent installation of a 12-zone Continuous Belt Humpback Brazing Furnace, the third furnace supplied to the customer by Gasbarre Furnace Group in the past three years. This newest furnace is a humpback muffle-channel heating chamber design that includes a Sinterite HyperCooler rapid cooling system and 100% hydrogen atmosphere system. The furnace is utilized for continuous copper brazing of stainless steel materials, and the rapid cooling capability of the HyperCooler provides for desensitization and control of copper braze flow arresting in the 304 stainless steel component assemblies.

The furnace is equipped with 24" mesh belt conveyor system, 1-zone inclined entrance section, 4-zone two chamber heating section (2100°F/1149°C capability), 7-zone exit cooling system, multiple zone atmosphere control system and HMI control system.

In addition, the project included installation of a second HyperCooler system, retrofitted to an existing furnace, also to reduce sensitization of brazed 304 stainless steel.

Sinterite designs, manufactures and services custom continuous belt and batch furnaces for sintering, brazing, annealing, steam treating, drying and heat treating applications. The installed base of equipment is in excess of 1,300 units in more than 47 countries. Sinterite's quality design includes alloy and ceramic muffle systems, powder-handling equipment, custom fabrications, and the exclusively-manufactured HyperCooler sinter-hardening and rapid cooling system. The Sinterite manufacturing facility is located in St. Marys, Pennsylvania.

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For more information on how Sinterite can provide custom-engineered solutions for your specific thermal heating requirements and manufactured heat treating equipment today, contact Bill Gasbarre at 814.590.6282 or bgasbarre@gasbarre.com. Visit our websites at www.sinterite.com or www.gasbarrefurnacegroup.com for additional information.

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