

News Release

For Immediate Release
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Gasbarre Thermal Processing Systems Latest Precision Gas Nitriding and Ferritic Nitrocarburizing Furnace



Gasbarre Thermal Processing Systems is proud to announce that Thermal-Vac Technology recently partnered with Gasbarre to add precision nitriding and FNC capabilities to their facility in Orange, California. The electrically heated furnace utilizes Super Systems, Inc. controls for automatic K_N and K_C control to AMS 2759/10 & 2759/12 specifications. The furnace is designed to meet AMS 2750/F as a Class 2 furnace, which allows it to be used to perform nitrogen tempering and stress relieving processes. For cycle time improvements and consistent process control the furnace is equipped with a vacuum pump for purging processes, pre- and post-

oxidation capabilities, and accelerated air and atmosphere cooling systems. The furnace also comes with an ammonia dissociator to achieve zero white layer processes. It is capable of processing workloads that are 48” wide by 72” long by 40” high and weigh up to 7,000 pounds. Gasbarre Thermal Processing Systems is proud to say that this complete system is engineered, manufactured, and serviced out of our United States locations solidifying our position as a leader in equipment for the nitriding and FNC process. Thermal-Vac is set to receive the equipment in March of 2021 and is excited to announce the new capability to their growing customer base.

With locations in Livonia, MI, Cranston, RI and St. Mary’s PA Gasbarre Thermal Processing Systems has been designing, manufacturing, and servicing a full line of industrial thermal processing equipment for nearly 50 years. Gasbarre’s equipment is designed for your process by experienced engineers and metallurgists that understand your requirements.

Thermal-Vac Technology is Southern California’s premier brazing, heat-treating, and finishing facility. Thermal-Vac offers first-class services to a wide customer base, including some of the most demanding in the industry. For over three decades Thermal-Vac has been sought out by customers who require the most innovative solutions for challenging project needs, effectively helping to secure Thermal-Vac’s position as a leader in the industry.

“Adding a new piece of equipment to our shop is always a big process,” Heather Falcone, CEO of Thermal-Vac said. “We’re thrilled to bring the capabilities of the Gasbarre nitriders to our customers. It’s going to be a game-changer for them.”

The furnace will be installed in a newly constructed building across the street from Thermal-Vac’s long-standing headquarters, along with heat treating and other equipment being moved from the company’s former location in Santa Fe Springs, California.

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For more information on how Gasbarre can manufacture custom-engineered heat treating equipment solutions for your specific thermal processing requirements, please contact Patrick Weymer at 734.626.2000 or via email at pweymer@gasbarre.com. You can also visit our website at www.gasbarre.com and find us on LinkedIn (Gasbarre Products Inc.), Twitter ([@gasproinc](https://twitter.com/gasproinc)), and Facebook (Gasbarre Products Inc.).

To learn more about Thermal-Vac Technology, call (714) 997-2601 or email sales@thermalvac.com. They can also be found on LinkedIn, Facebook, and Twitter (@ThermalVac). www.thermalvac.com

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