

INDUSTRY LEADERS IN THERMAL PROCESSING

Vacu Braze provides precision thermal processing, heat treatment, and metallurgical services for clients in essential industries across the United States.



VACU BRAZE

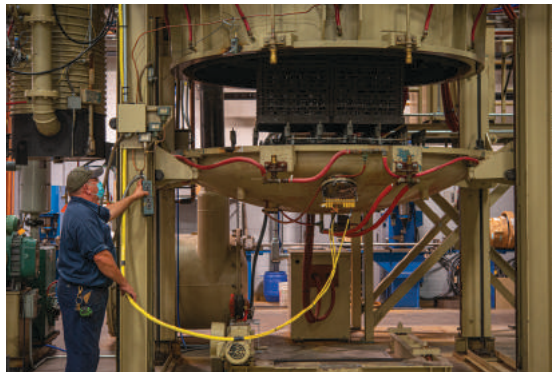
• VACUUM HEAT TREATING & BRAZING •

215.453.0414 • QUAKERTOWN, PA • VACUBRAZE.NET



WE ARE VACU BRAZE

Vacu Braze is a specialty heat treatment facility providing precision thermal processing services. Our work is utilized by industry leaders throughout the United States. Our team of engineers is highly experienced in solving complex manufacturing challenges. We employ innovative and trusted solutions for our clients that yield dependable quality, fast turnarounds, and a higher level of consistency that traditional facilities cannot match.



**NADCAP
CERTIFIED**



**25+ YEARS OF
EXPERIENCE**



40K SQFT FACILITY



**DEDICATED CLEAN
PROCESSING**



**LOCATED IN
BUCKS COUNTY, PA**

THERMAL PROCESSING CAPABILITIES

Vacu Braze partners with clients across the United States to provide state-of-the-art solutions to complex manufacturing problems. Our processes are highly applicable to a range of industries. We pride ourselves on our high quality, fast-turnaround capabilities. Continue on to learn more about our speciality heat treatment and processing solutions.



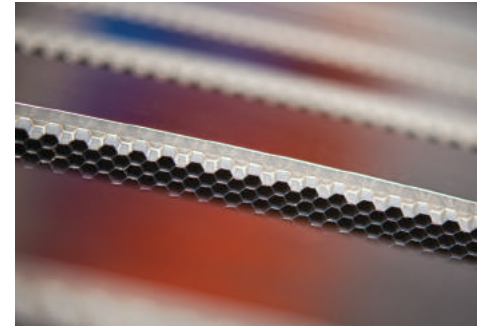
CORE CAPABILITIES



Vacuum Heat Treating



Vacuum, Induction & Torch Brazing



Honeycomb Brazing



Atmospheric Heat Treating



Cryogenic Treatment



Fastener Processing



Nitriding



Carburizing



Glass Beading

INDUSTRIES SERVED

From local machine shops to multinational corporations, Vacu Braze has the expertise, attention to detail, and capacity you need. Offering a wide range of capabilities, we are able to work at any level - from ongoing jobs and large parts to single small-scale projects. We are proud to work with a diverse set of essential industries. Continue on to learn about the industries we offer specialized solutions for.

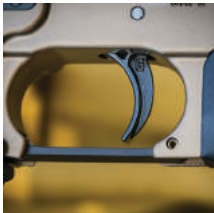


INDUSTRIES WE SPECIALIZE IN



Medical

Vacu Braze has extensive experience brazing and hardening implants, surgical tooling, braces, and supports for the medical industry.



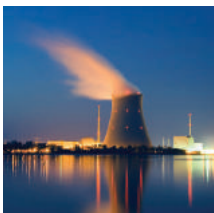
Defense

Vacu Braze works with all branches of the U.S. Military, U.S. Intelligence and Defense Agencies, Contractors, and Manufacturers to provide precision heat treatment solutions.



Aerospace

Vacu Braze provides heat treatment and honeycomb brazing services for the aerospace industry across a wide range of aircraft components.



Nuclear

Vacu Braze provides a variety of specialty brazing and heat treating services for the nuclear industry.



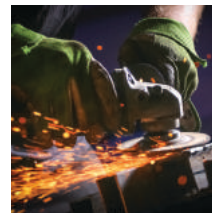
Power Generation

Vacu Braze provides heat treatment services for the power generation industry. These include vacuum hardening, aging, annealing, honeycomb brazing, and more.



Additive Manufacturing

Vacu Braze supports industries utilizing additive manufacturing to create, strengthen, and process parts of varying use cases and scales.



Tool And Die

Whether you need one or a thousand, Vacu Braze can handle a wide range of tool & die heat treating and brazing needs.



Automotive

Vacu Braze specializes in treating bearings, fasteners, drive train components, shafts and pneumatic pistons for the automotive industry.

SUCCESS STORIES



Leading Defense Manufacturer Partners With Vacu Braze

A defense company attempting to make gun barrels from 410/416 bar stock needed assistance to harden and temper the material prior to machining. Vacu Braze exceeded the client's expectations and delivered the precision and durability required for the job.



Large Aerospace Manufacturer Partners With Vacu Braze

A large aerospace fastener manufacturer engaged with Vacu Braze to produce and heat treat parts that had very tight tolerances with meticulous attention to detail.



Prominent Medical Manufacturer Partners With Vacu Braze

With a furnace down in their internal heat treatment department, and a 3D printed titanium build plate that needed to be stress relieved urgently, this medical manufacturer trusted Vacu Braze to hit their deadline and quality standards.



Vacu-Braze has exceeded our expectations on service, delivery, and quality. Response time is very quick and they are incredibly knowledgeable; it is obvious that customer satisfaction is a priority.

OUR CERTIFICATIONS

NADCAP

National Aerospace and Defense Contractors
Accreditation Program

AS9100D WITH ISO 9001:2015

Aviation, Space and Defense Quality Management
System Certification Programs

NCA 3800

Quality Insurance Certification

ISO 13485:2016

International Organization for Standardization

ITAR

International Traffic in Arms Regulations

GT193

GE Aviation Certification

PARTNER WITH VACU BRAZE

Please contact us for general inquiries, project quotes, and more information about our services and standards. Our office is open from 7am-4pm Monday through Friday. We are closed on major holidays.

A: 2200 Kumry Rd, Quakertown, PA

P: 215.453.0414

F: 215.453.7574

E: info@vacubraze.net

VACUBRAZE.NET



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