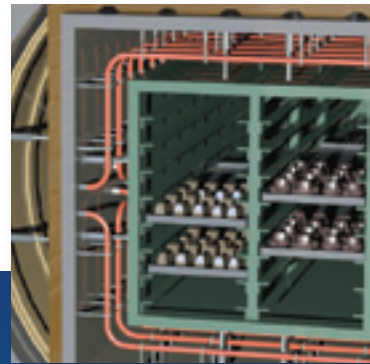
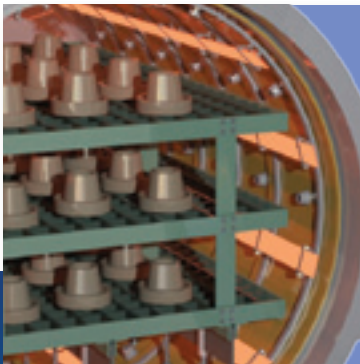


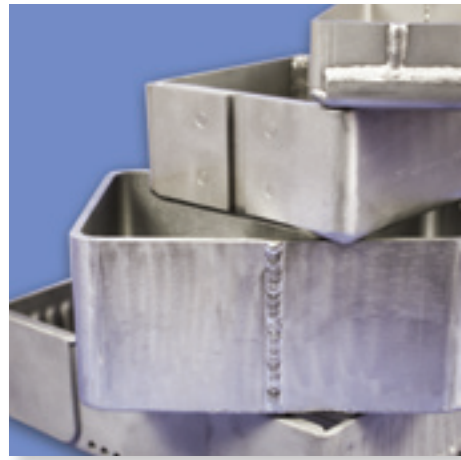


*Your Edge in
Performance Metals*

MOLYBDENUM & TUNGSTEN FOR THE FURNACE INDUSTRY



For over 80 years, Elmet Technologies has provided its customers with innovative, high quality molybdenum and tungsten products. Elmet is a leading supplier to the high temperature furnace industry, providing items ranging from high quality mill materials to precision-machined, formed and assembled products. Our products are used in a diverse array of furnaces including vacuum, HIP, MIM, nuclear fuel sintering, sapphire growth and many other types.



Elmet's manufacturing expertise enables us to provide unique materials suited to specific furnace applications and uses. Different sheet processing methods enhance application-specific properties such as formability or higher strength at temperature. Alloys including our potassium-doped tungsten provide improved sag resistance in furnace heating elements that hold up under repeated furnace cycling for long life. Our lanthanated molybdenum outperforms TZM in many applications, particularly at temperatures above 1400C. Details, like our custom-designed rivets and high-performance threaded rod and nuts, provide unrivaled reliability and ease of use. It is the little things that can separate performance of one product from another and one supplier from another. Elmet's products are high performers in high temperature furnaces.

As a fully integrated manufacturer, we control quality through each step in the manufacturing process from powder through to the finished product. This level of process control enables Elmet to consistently provide high quality materials to our customers. We manage quality through our ISO 9001 and AS9100 certified quality programs.



Materials:

- Molybdenum (Mo)
- Lanthanated molybdenum (MoLa)
- Tungsten (W)
- Lanthanated tungsten (WLa)
- Potassium-doped tungsten (WK)
- Titanium-Zirconium-Molybdenum (TZM)

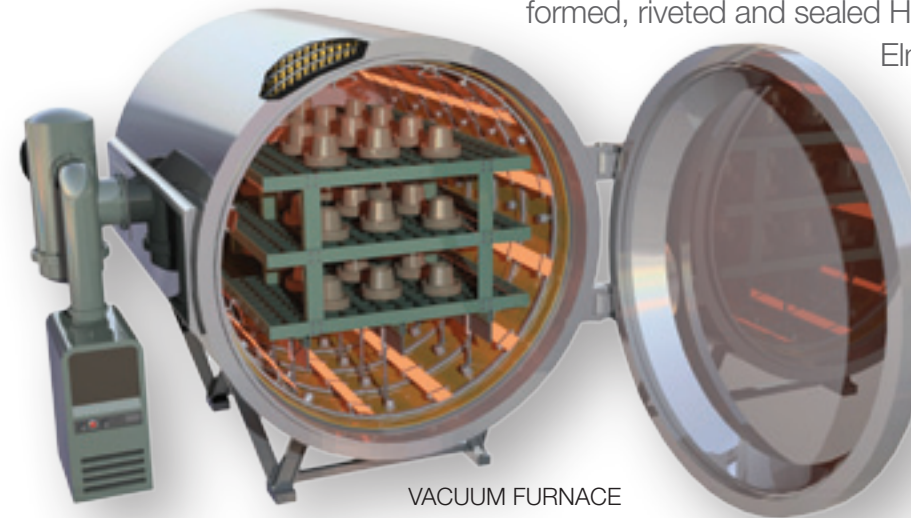
Mill Products and Components:

- Sheet
- Plate
- Foil
- Wire
- Threaded rod
- Nuts
- Rods
- Hangers
- Hearth rails



Call or email customer service to learn more:
+1 207.333.6100 | etisales@elmettech.com

Elmet's craftsmen and engineers are experts in the design and production of formed and assembled molybdenum and tungsten products. Whether you need a serpentine element, assembled rack, formed, riveted and sealed HIP shell, or another fabricated product, Elmet delivers with industry-leading time.



VACUUM FURNACE

Assemblies and Fabrications:

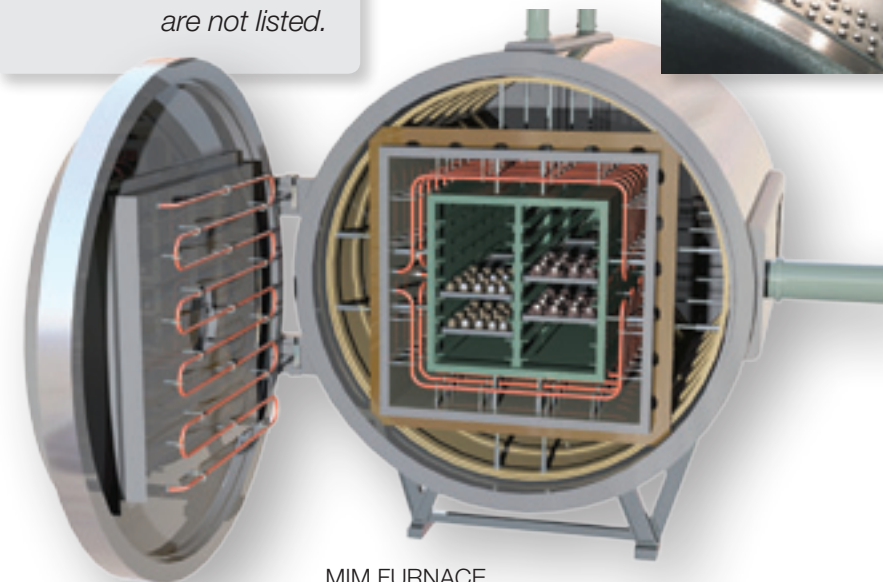
- HIP shells
- Furnace racks
- Heating elements
- Heat shielding
- Spin-formed shapes and crucibles
- Corrugated and dimpled sheet
- Sintering boats
- Precision-machined components



Elmet has extensive fabrication and assembly capabilities. Please contact us if your product requirements are not listed.



HIP FURNACE



MIM FURNACE





GLOBAL HEADQUARTERS

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Established in 1929, Elmet is a global supplier of high-performance materials with a specialization in molybdenum and tungsten. Our world-class facilities manufacture and fabricate to our customers' most exacting specifications, and are led by experts in molybdenum and tungsten. With more than 360,000 square feet at three manufacturing sites in Maine and Georgia, USA and Chengdu, China, Elmet produces mill, machined, and fabricated products for high-temperature furnace, sapphire growth, semiconductor, flat panel display (FPD), medical imaging, and many other industries. Elmet is ISO 9001, ISO 14001, and AS9100 certified. More information about Elmet is available online at www.elmettechnologies.com.