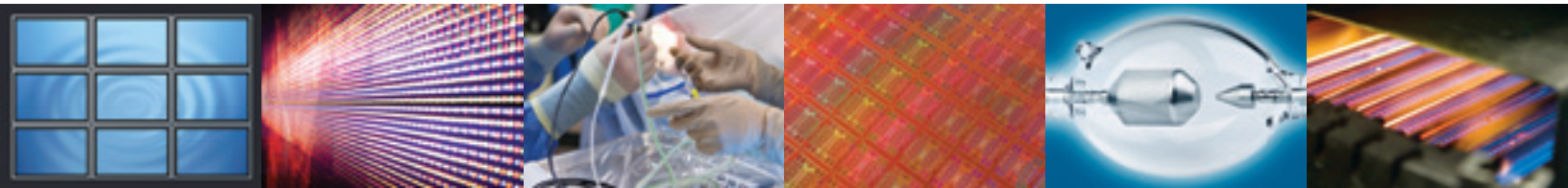




# MOLYBDENUM & TUNGSTEN



# Elmet Technologies is a leading global manufacturer of high-performance refractory metal products.



Elmet Technologies is a fully integrated manufacturer of high-performance refractory metal products. Our world-class facilities manufacture and fabricate to our customers' most exacting specifications, and are led by experts in molybdenum and tungsten. Elmet's products are created using a wide range of technologies and cutting-edge capabilities—ensuring we deliver only the finest finish products.

Our friendly customer service professionals are ready to answer any questions. And our highly experienced engineering group can provide expert, reliable guidance for your tungsten and molybdenum designs. We stand apart by ensuring that your most challenging production and design issues are met with unmatched expertise.

Call or email customer service to learn more:  
**+1 207.333.6100**  
[etisales@elmettech.com](mailto:etisales@elmettech.com)

## LIGHTING

From our beginning in 1929, Elmet has supplied molybdenum and tungsten products to the lighting industry. Today, we provide a complete offering of high-performance components for flash and arc lamps used in medical, industrial processing, laser, scientific, semiconductor and cinema applications. We also continue to offer products for more traditional lighting applications like incandescent, halogen and fluorescent lamps.

## FURNACE

Our furnace customers enjoy the best lead-time in the industry on mill and machined products, as well as complex rack and furnace component assemblies. With a diverse portfolio of products and services, including standard mill materials, extensive CNC machining capabilities, and complex assembly capabilities, we are poised to meet our customers' strictest requirements and demands. This gives our customers a dynamic, competitive edge in the market.

## SEMICONDUCTOR

Elmet provides materials and precision-machined components for semiconductor manufacturing equipment, including ion implant, MOCVD, microscopy, electron guns and more. Our products help our customers' equipment perform at the highest levels.

## MEDICAL

Elmet's tungsten and molybdenum products and advanced manufacturing capabilities enable the development of industry-leading medical imaging, surgical and treatment equipment. For these applications, the highest levels of quality and performance are prerequisites. Elmet partners with our customers at multiple levels to develop, test and tailor manufacturing processes and products that enable industry-leading performance and reliability.

## ENERGY

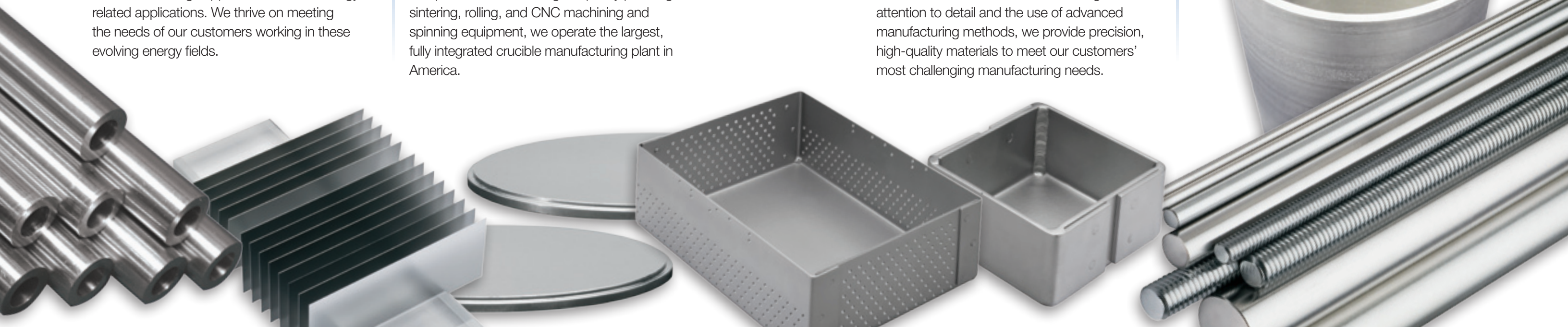
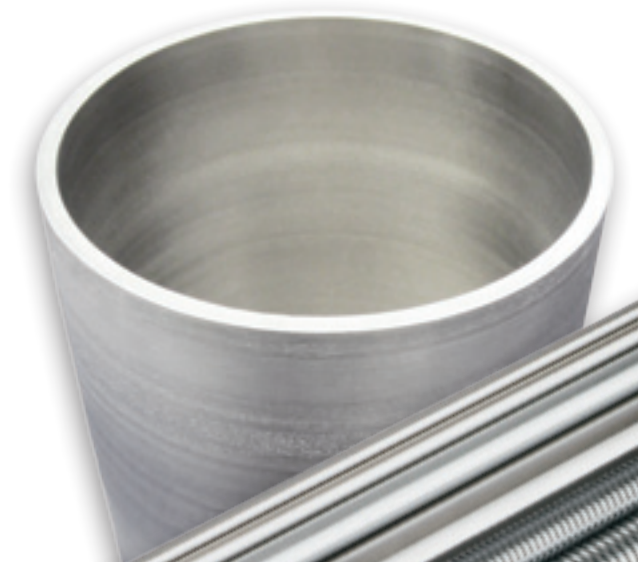
High-performance materials from molybdenum sintering boats found in the nuclear fuel processing industry to refractory metal components associated with fuel cells—Elmet is a leading supplier in advanced energy-related applications. We thrive on meeting the needs of our customers working in these evolving energy fields.

## LED (SAPPHIRE GROWTH)

From Kyropoulos to EFG to HEM and other sapphire growth methods, Elmet's fully integrated manufacturing facilities can produce the most precise crucible designs and hot zone components. With our high-capacity pressing, sintering, rolling, and CNC machining and spinning equipment, we operate the largest, fully integrated crucible manufacturing plant in America.

## FPD (THIN FILM)

We provide sputtering targets for use in semiconductor, photovoltaic and flat panel display manufacturing, including screens for everything from LCD TVs to computer monitors to hand-held devices. Through attention to detail and the use of advanced manufacturing methods, we provide precision, high-quality materials to meet our customers' most challenging manufacturing needs.





**GLOBAL HEADQUARTERS**

1560 Lisbon Street | Lewiston, Maine 04240 USA

Phone: +1.207.333.6100 | Toll-free: +1.800.343.8008 | Fax: +1.207.786.8924

[www.elmettechnologies.com](http://www.elmettechnologies.com)

CERTIFIED TO ISO 9001, AS9100 AND ISO 14001

MANUFACTURING IN LEWISTON, MAINE; COVINGTON, GEORGIA; AND CHENGDU, CHINA

SALES REPRESENTATIVES IN THE US, ASIA AND EUROPE