



Metal Technology

AS9100 / ISO 9001 REGISTERED



Metal Technology (MTI), an ITAR Certified and AS9100 / ISO9001:2008 Registered company has a long history in propulsion and space applications and is on the leading edge of manufacturing technology in reactive and refractory metals.



MTI TO DISPLAY AT THE 2015 PROPULSION AND ENERGY CONFERENCE

(ORLANDO, FL, JULY 27-29 2015)

MTI will provide examples of industry specific manufacturing solutions utilizing additive manufacturing, precision machining, and press forming techniques at booth #314, center-floor, next to NASA. Please stop by and see what's new at MTI!

For over thirty years MTI has produced critical components required to place satellites in orbit and carry cargo and supplies for various space missions. Our specialized expertise includes manufacturing propulsion applications requiring high-temperature alloys using precision forming processes, additive

manufacturing, CNC machining and turning, proprietary deep-draw forming and forging.

Metal Technology forged thrusters have most recently been used for the Orion Spacecraft, built by Lockheed Martin / Astrium and deployed by NASA. In the future the Orion Spacecraft will serve as the platform for the first manned mission to Mars. Additionally, MTI fabricated niobium-based alloy chambers for the Japanese Aerospace Exploration Agency (JAXA) HTV1 & HTV2 missions which delivered critical supplies to the International Space Station.

Albany, OR. July 21, 2015

In July 2015, MTI expanded their additive manufacturing offering to include Inconel 718 alloy using direct metal laser printing with the lowest oxygen content currently available in the industry. The company also offers 3D printing in Stainless Steel 17-4PH and will share further advances in their initiatives to produce C-103 alloy printed parts.

MTI serves the Aerospace, Defense, High-Energy Physics, Medical, Semiconductor, Thin Film, Glass, Chemical Process and Scientific Industries.

> ABOUT METAL TECHNOLOGY (MTI)

With more than forty years' experience applying innovative, proprietary technologies, Metal Technology (MTI) is making possible the use of difficult alloys for a wider range of applications with greater efficiency, versatility, and reliability. Alloys include Tantalum, Niobium, Zirconium, Titanium, Tungsten and Molybdenum. MTI uses specialized deep-draw, spinning, forging, machining, EDM, and fabrication methods to deliver superior products according to your exacting specifications. MTI produces components for ion source components, targets, seamless crucibles, explosively formed penetrators, tubing and vessels to custom parts that go beyond common configurations.

TANTALUM NIOBIUM ZIRCONIUM VANADIUM TITANIUM TUNGSTEN NICKEL INCONEL COPPER

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