



# Metal Technology

ISO 9001 REGISTERED



*Metal Technology (MTI), an ITAR Certified and 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.*



PRESS

RELEASE

## MTI TO DISPLAY AT THE PROPULSION AND ENERGY CONFERENCE

(CLEVELAND, OH - JULY 28-30 2014)

MTI will provide company information and capabilities overview at booth #609, center-floor, next to the Boeing display. Please stop by and introduce yourself to our staff and see what's new at MTI!

MTI produces critical components required to place satellites in orbit and carry cargo and supplies to the International Space Station. Propulsion applications requiring high-temperature alloy systems can leverage MTI's experience in precision forming processes, additive manufacturing, CNC machining, proprietary deep-draw forming and forging methods, using

standardized equipment and tooling. Metal Technology forged thrusters for the Orion Spacecraft, built by Lockheed Martin / Astrium and deployed by NASA. In the future the Orion Spacecraft will carry astronauts to the moon and other space locations. 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.

In 2014 MTI acquired a 3D Systems ProX 300 Additive Manufacturing system. The 3D Systems ProX 300

*Albany, OR. July 8, 2014*

builds with a powerful 500 watt laser to exact geometry dictated by 3DCAD models. Parts are built in an argon gas environment at elevated temperature resulting in high-purity, stress-relieved parts with material properties better than cast and comparable to wrought material.

*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

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

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