Global Leader in Additive Manufacturing

Amaero is a highly innovative supplier operating in the cutting edge market of Additive Manufacturing in Metals.

We are a global leader in the application of the technology in both the Aerospace and Defence markets with over 5 years experience working with large multinationals.

We work globally with customers in Europe, USA & Asia

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Quality Standards and Certifications
• ISO9001:2008
• ITAR Compliant
• AS9100 (in 2017)

Discriminators:
• Cutting edge technology including one of the first large format XXL build volume machines available for metal Additive Manufacturing.
• Expertise in production and optimisation of parts and processes for metal AM.
• Research capability and metallurgical expertise for validating new materials.
• Strong partnerships with Universities and Defence and Civil research organisations.

Capabilities:
• Ability to design and produce optimised parts for the metal AM process.
• The ability to both produce and repair large scale parts with a variety of AM technologies.
• XXL Build Volume (630mm x 400mm x 500mm) with a range of Aerospace grade materials incl. Inconel, Titanium, Aluminium and Hastelloy.
• Multiple machines in-service with various build sizes available to suit batch production needs.

Highlights:
• World’s first fully 3D printed jet turbine engine with Microturbo of the Safran Group.
• World’s first Concept X-Line 1000R delivered into a commercial production environment.
• Key partnerships with a number of major aerospace OEM’s on the development AM metal components (quality improvements, weight reduction & supply chain optimisation).

Key Customers & Partners:

Raytheon
Boeing
Safran
BAE Systems
Monash University