



Accuron invests in UK-based Wire-bAsed Additive Manufacturing Start-Up

4 February 2020

Accuron Technologies announced its first venture into the additive manufacturing space with an investment in WAAM3D Ltd., a spin-out company from Cranfield University that specialises in Wire-bAsed Additive Manufacturing (WAAM).

WAAM has the potential to produce large metal components with low cost and short production lead time. It uses an electric arc or laser to melt metal wire; it is highly accurate, cost-effective, as well as environmentally friendly with hugely reduced emissions and materials consumption. Cranfield University has been at the forefront of WAAM research over the last decade and has garnered the interest of many industry partners in this technology and won many accolades. For example, at the 3D Printing Awards 2019, Cranfield University and WAAM3D won the “Aerospace or Automotive Application of the year” prize.

Professor Stewart Williams, the Head of the Welding Engineering and Laser Processing Centre who leads Cranfield University’s R&D into WAAM, is confident that the technology will have an enormous impact on manufacturing businesses in the aerospace, energy and other industries.

Tan Kai Hoe, President and CEO of Accuron Technologies said: “We are really excited about this opportunity to invest into WAAM3D. We have been looking at several additive manufacturing technologies for a while, and we think WAAM3D’s process has a real chance to transform manufacturing. We are very impressed with the company’s technology and expertise, which allows it to make large, high-quality parts for real-world

applications. With our capital investment and industrial knowledge, we hope to help the company realise its true potential.”

CEO of WAAM3D Ltd, Dr Filomeno Martina, said: “There is huge market potential for this technology, based on the interest we have been receiving from various industry sectors for over 10 years. We are delighted to be partnering with Accuron Technologies to bring WAAM forward. The company intends to bring in as many as 20 staff in the coming year to scale up operations. We also aim to keep close links with Cranfield University, as well as other institutional and industrial partners, internationally.”

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About Accuron Technologies

Accuron Technologies Limited is an international engineering and technology group, having core competencies in precision manufacturing, material processing, systems design and system integration. It serves key global customers in the aerospace manufacturing and industrial equipment sectors. Accuron Technologies Limited is a wholly owned subsidiary of Temasek. For more information on Accuron Technologies Limited, please visit: <https://www.accuron.com/>.

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About WAAM3D

WAAM3D Limited is a technology-driven company providing technical solutions in the field of Wire-based Additive Manufacturing (WAAM). Founded by three senior technologists from Cranfield University, it serves as the commercial outlet to exploit Cranfield's world-leading research in this field. WAAM3D provides the necessary tools and technical solutions required to design and manufacture WAAM parts and applications for both industry and research institutions. For more information on WAAM3D Limited, please visit: www.waam3d.com

About Cranfield University

Cranfield is an exclusively postgraduate university in the United Kingdom that is a global leader for education and transformational research in technology and management.