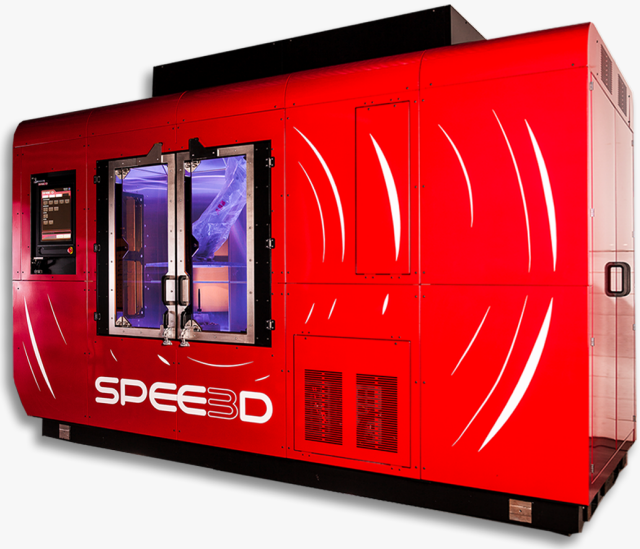
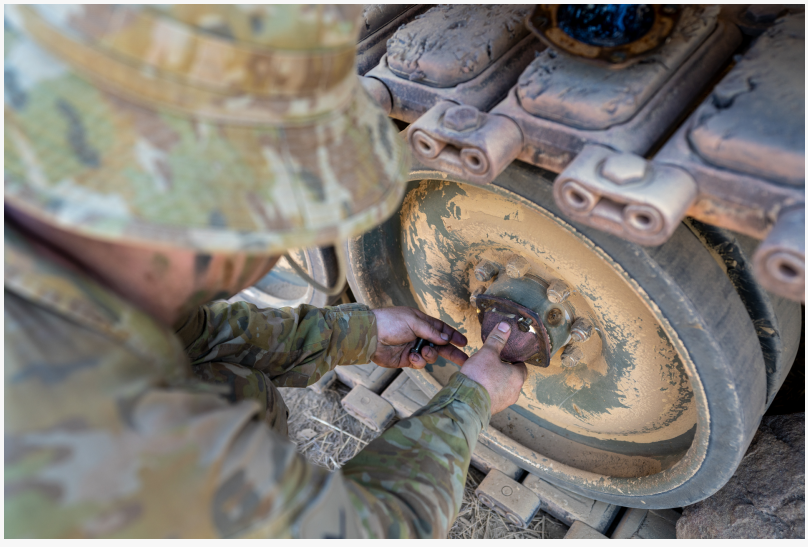
Prestigious Welding Institute Embraces the Future of Manufacturing

SPEE3D's WarpSPEE3D chosen as one of the first Advanced Manufacturing technologies to be installed at EWI's new Cold Spray Center of Excellence opening in 2022.



SPEE3D WarpSPEE3D



Bradshaw Wheel Bearing Installed on M113 vehicle by Australian Army Soldier

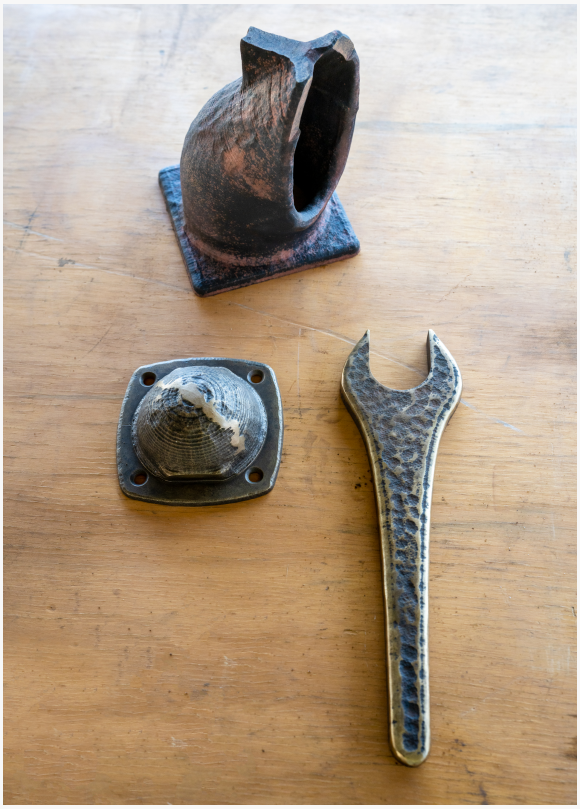
DETROIT, MICHIGAN, US, March 1, 2022 /EINPresswire.com/ -- EWI has announced which additive manufacturing technologies will be added to their new Cold Spray Research Center opening in 2022, and Australian company, SPEE3D, has made the list. The company's WarpSPEE3D printer will be installed at EWI's Buffalo Manufacturing Works facility in New York, where it will be used to support EWI's cold spray initiative to advance knowledge and capability within the field to facilitate and accelerate the successful application of cold spray technology across various manufacturing industries.

Since 1984, EWI has provided comprehensive engineering services to help companies identify, develop, and implement the best technologies for their specific applications. At the new facility, EWI's world class researchers will use the WarpSPEE3D to explore and validate how cold spray can provide new manufacturing solutions for cost-effective replacement parts that can be deployed

outside of research.

“EWI looks forward to using the WarpSPEE3D technology to identify and accelerate the successful application of cold spray solutions across various manufacturing industries.” states Howie Marotto, EWI AM Business Director.

The technology was chosen due to its proven ability to manufacture parts quickly and affordably. The WarpSPEE3D is a prime example of how cold spray can be used in the real world, as demonstrated by the Australian Army who have been using the technology since 2020. In the Australian Army's latest trial, the WarpSPEE3D was transported 600km out bush to produce parts during Exercise Koolendong. Over three weeks, the printer was successfully used to 3D print, validate, and certify over a dozen armoured vehicle parts in the field for the Australian Army’s M113 Armored Personnel Carrier vehicle.



Australian Army Armoured Vehicle tools and components printed using SPEE3D metal 3D printing technology

“We look forward to seeing how EWI uses our technology to overcome various industry challenges at their new research centre,“ says Steven Camilleri, CTO of SPEE3D.

WarpSPEE3D is the world's first large-format metal 3D printer to use patented SPEE3D cold spray technology. The printer is capable of printing low-cost, large metal parts up to 40kg in weight at a record-breaking speed of 100grams per minute. At EWI, the WarpSPEE3D will support EWI to unlock the potential of cold spray and mature it into a more reliable, repeatable, and reasonable capability from a cost perspective.

More information on SPEE3D’s technology, including videos and case studies are available at: https://spee3d.com/

About SPEE3D
SPEE3D is an innovative supplier of metal-based additive manufacturing technology. SPEE3D focuses on the development, assembly, and distribution of machines and integrated system solutions based on the patented cold-spray technology. The products enable significantly faster, lower-cost, and more scalable production than traditional metal printing techniques for copper and aluminium and other materials.

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