



ADDITIVE CONSTRUCTION MANEUVER ENABLING TECHNOLOGY

ACME Tech is an additive construction (3D Printing) system used to build concrete structures to enhance mobility, counter-mobility, and survivability. ACME Tech is a force multiplier which leverages existing military equipment, indigenous soil materials, and reduced labor to support expeditionary combat engineering missions in contingency environments.

ACME Tech solution supports construction of items for:

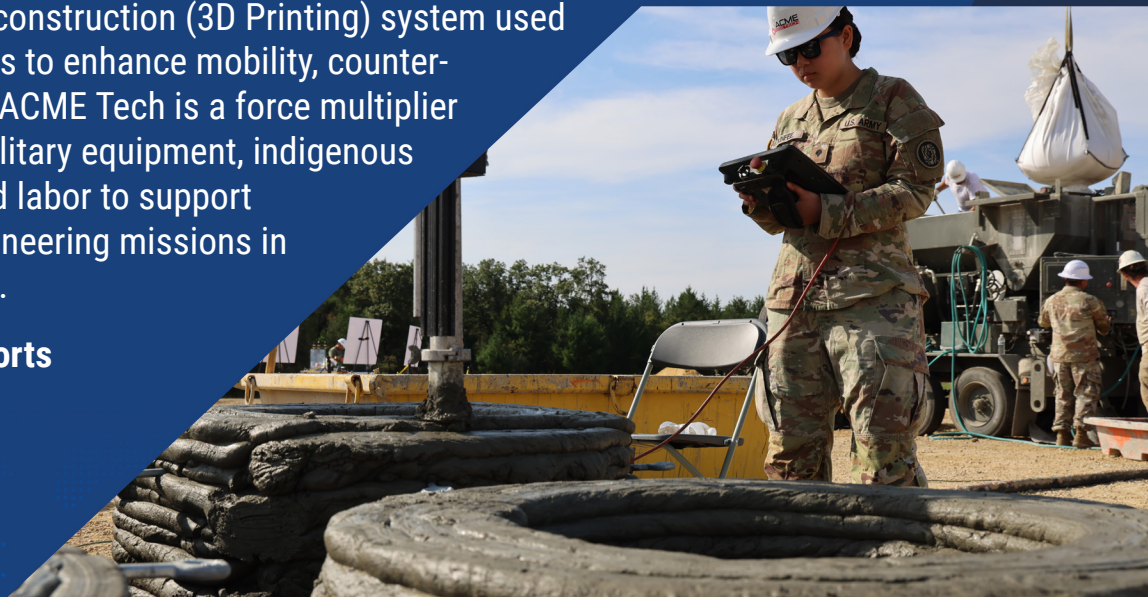
- Mobility
- Countermobility
- Survivability
- Force Protection

ACME Tech Use Cases

- Asset/Force Protection Structures
- Earth Retaining Structures
- Entry Control Point / Traffic Control Point
- Firing Position Emplacement
- Vehicle Obstacle Emplacement
- Vehicle Wet Gap Crossing
- Water Fording and Amphibious Vehicle Landing
- And more... You dream, ACME Tech Builds

ACME Tech System Benefits

- Decreased material use leveraging adapted geometries for structural items.
- Decreased construction crew sizes using robotics in the construction process.
- Decreased logistical burden through use of indigenous material based concrete mixtures.
- Increased flexibility of construction through on demand construction with pre-engineered items.



ADDITIVE CONSTRUCTION MANEUVER ENABLING TECHNOLOGY



Scan to View Video



Applied Research Associates, Inc. (ARA) was founded in 1979, in Albuquerque, New Mexico, to offer science and engineering research to solve problems of national importance. ARA delivers leading-edge products and solutions for national defense, homeland security, aerospace, healthcare, transportation, and manufacturing. With over 2,300+ employee-owners at locations in the U.S. and Canada, ARA offers a broad range of technical expertise in defense technologies, civil engineering, computer software and simulation, systems analysis, biomedical engineering, environmental technologies, and blast testing and measurement.

ACME Tech - Jim Mantes • 414.758.7966 • jmantes@ara.com

www.ara.com
Applied Research Associates, Inc.