

American Innovation for the New Industrial Revolution

LATTICEPT

COMPUTATIONAL FLUID DYNAMICS (CFD):

Utilizing high-fidelity simulations to optimize fluid dynamics, mixing, and heat transfer for improved system performance.

FINITE ELEMENT ANALYSIS (FEA):

Advanced stress analysis for structural integrity, fatigue life, and material optimization.

REVERSE ENGINEERING AND LASER SCANNING:

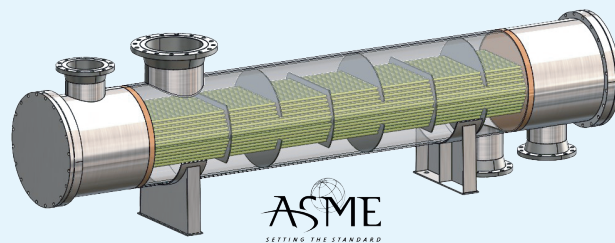
Capturing precise digital representations of existing components and systems for modernization and replication.

ADVANCED ANALYSIS:

Offering multi-physics and detailed computational solutions for complex industrial processes.

The partnership between LATTICEPT and MYER Companies combines advanced engineering with precision manufacturing to deliver end-to-end solutions that set a new standard in industry. By integrating advanced simulations into our design process, we can predict nonlinear behavior, optimize equipment, and refine production before fabrication even begins—resulting in faster, more cost-effective, and highly reliable solutions.

Global Delivery from Port of Mobile, Alabama.



ASME PRESSURE VESSELS:

Custom design and fabrication of pressure vessels meeting stringent industry standards.

CNC MACHINING:

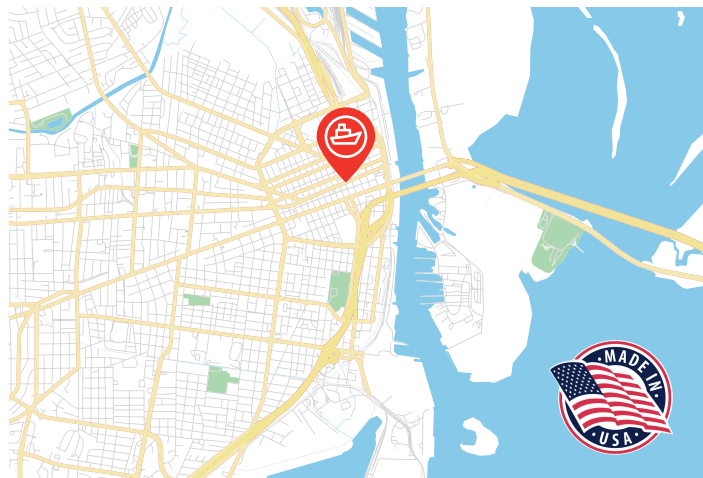
High-precision component manufacturing tailored to client specifications.

FABRICATION AND INSTALLATION:

Complete in-house capabilities for fabrication and on-site construction, ensuring seamless project completion.

CERTIFIED WELDING AND FABRICATION:

Expertise in delivering ASME-certified products for the most demanding industries.



Visit our website at [LATTICEPT.COM](https://www.LATTICEPT.COM) to learn more about LATTICEPT and all we have to offer!
Contact Ben Turner at Ben.Turner@Latticept.com.