

Simplifying Engineering and Hardware Solutions

CONTACT US

Please contact TMT for more information on any of our thermal or mechanical technologies or to discuss a solution to your aerospace, commercial, or industrial challenge.

SIMPLICITY IS THE ULTIMATE SOPHISTICATION.

- LEONARDO DA VINCI



**Spacecraft Thermal Control
Cryogenic Systems/Components
Industrial/Commercial Design
Fluid Measurement**

BRIEF HISTORY

TMT was established in 2008 as a spin-off from the Space Dynamics Laboratory. Founded by Dr. J.C. Batty, a renowned innovator with 40 years of experience as a leader in researching and developing thermal and mechanical technologies, TMT consists of a talented technical and managerial staff with many years of engineering expertise.

TMT is located in North Logan, UT with over 5800 ft² of office and laboratory space. TMT personnel have applied their experience in spacecraft systems and thermodynamics to develop novel solutions for aerospace, commercial, and industrial applications.



THERMAL
MANAGEMENT
TECHNOLOGIES

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THERMAL
MANAGEMENT
TECHNOLOGIES

Thermal-Mechanical Solutions

THERMAL SOLUTIONS

• SPACECRAFT THERMAL CONTROL

THERMAL CONTROL PANELS

RADIATORS

• CRYOGENIC SYSTEMS / COMPONENTS

SMALL COOLING SYSTEMS/ TANKS

THERMAL SWITCHES

THERMAL LINKS

HEAT EXCHANGERS

THERMAL STORAGE

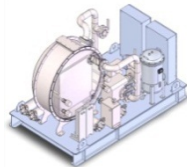
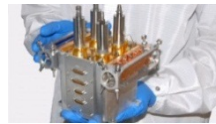
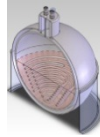
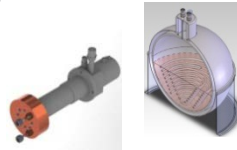
• INDUSTRIAL/ COMMERCIAL DESIGN

MECHANICAL VAPOR RECOMPRESSION

ELECTRONICS COOLING

* FLUID MEASUREMENT

NON-INTRUSIVE FLOWMETER



Engineering Solutions for Your Project Needs

SPACE COMPONENTS

TMT offers custom thermal and mechanical flight components to complement spacecraft and cryogenic applications. Our staff members have extensive experience developing space components and systems from the design stage through integration, test, and launch. TMT strives to get involved early in product designs to create integrated solutions. We look forward to supporting your project and developing components for space related applications.



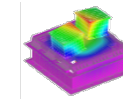
INDUSTRIAL AND COMMERCIAL SYSTEMS/COMPONENTS

Our company is involved in various custom industrial process and commercial thermal solutions, including mechanical vapor recompression, heat pump systems, fluid measurement, and electronics cooling. We are excited to work with your company to create solutions to difficult thermal problems.



DESIGN and HARDWARE SOLUTIONS

TMT will work with your company to identify and design a solution for your project. Our team has a wide range of experience in 3D CAD, mechanical and thermal design from conception to fabrication and testing. We strive to be responsive to both small and complex projects.



ANALYSIS

Analysis tools are used in conjunction with 3D design to ensure complete solutions or to support specific project needs. Our team has experience in thermal and structural analysis including finite-element and finite-difference programs.



SYSTEM CONSULTING

TMT offers consulting services to support your project definition, design, or problem resolution. Our staff has expertise in project management, system engineering, thermal/mechanical design, spacecraft hardware, cryogenics, fluid dynamics, & thermodynamic processes.



HOW CAN WE HELP YOU?

We make thermal concepts a reality.

