

# **KTM**

## **ENGINEERING**

### **MECHANICAL SOLUTIONS**

Custom/Specialty Machine Design

Material Handling Solutions

Mechanical Structures and Tooling

Product Development Support

CAD and Analysis (FEA) Services

Fabrication Services



# On Demand Engineering®

No waiting for the right engineer.

Efficient Engineering Solutions  
With Your Company Objectives And Goals In Mind

KTM Solutions enables product developers and manufacturing companies to successfully complete urgent mechanical design projects without enlarging or overwhelming current staff. All services provided by KTM Solutions are tailored to your specific requirements, budget and schedule constraints. KTM is your one stop shop for turnkey mechanical solutions.

## *On Demand* means immediacy.

On Demand Engineering means you will never have to wait for an engineer to start or continue your project. Rather than overwhelming your current staff or taking the time to bring on new members, KTM makes it possible to find the additional help you need today.

## *On Demand* means mobility.

KTM engineers are equipped with mobile technology and can work with your staff at your site. KTM provides solutions when you need them and where you need them.

## *On Demand* means experience.

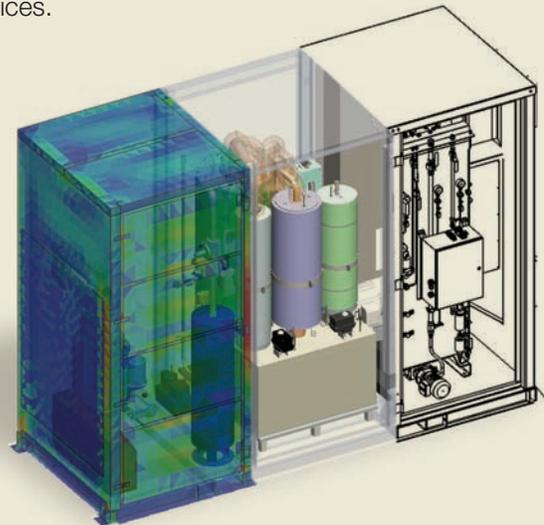
KTM's blend of engineering experiences from multiple industries provides unique, innovative and efficient design and analysis solutions. By leveraging our tested mechanical engineering team, you will enjoy the benefits of:

- + Reduced risk (experienced professionals)
- + Optimized labor costs (experts only when you need them)
- + Innovation (developed over multiple industries)

## *On Demand* means reliability.

All KTM engineering projects follow industry accepted standards. We follow a documented systems engineering process (derived from proven military standards). Our quality management system is ISO 9001:2008 compliant and ASME NQA-1 approved. KTM Solutions is a registered engineering company in South Carolina. KTM is committed to providing your company with the highest quality engineering services.

From detailed analysis to 3D CAD modeling and drawings, KTM provides total **On Demand** Solutions



KTM Solutions offers complete mechanical solutions. Whether you need drafting/CAD support, high end engineering design and analysis, or a turnkey mechanical system; our engineers are ready to assist. Innovative designs, practical systems, and experienced engineers...that's KTM Solutions!

## Mechanical Services Offered

KTM Engineering is a mechanical solutions company that provides turnkey mechanical systems and specialty engineering services. KTM's niche is custom/specialty machine design, material handling solutions, mechanical structures and tooling, product development support, and CAD/Analysis services. KTM utilizes state of the art design systems that are compatible with most manufacturing companies. Finite element simulations are offered using high-end tools common to the aerospace industry. Our team is focused on only one assignment, meeting the client's needs. The end result is crazy fast performance at a great value. Systems engineering principles underpin all engineering and project management services, thus ensuring each client receives exactly what was requested.

### Engineering

- + Professional Engineering (PE)\*
- + Product Development
- + Tool Design
- + Conceptual & Detail Design
- + 3D CAD Modeling
- + Production Liaison
- + Reverse Engineering
- + Structural Analysis
- + Design for Manufacturing
- + Product Design Optimization

### KTM specializes in these tools:

- + CATIAv5
- + SolidWorks
- + FEMAP/NX NASTRAN

### Manufacturing

- + Material Handling Tools and Systems
- + Automated Tooling & Assembly Systems
- + Conveyor Systems
- + Material Processing Machines
- + Fixtures and Jigs
- + Production Layout
- + Robotic Work Cells
- + First Article / Full Production
- + Operational and Maintenance Manuals
- + Operational Training Plans
- + Testing and First Article Certification
- + Commissioning and Installation
- + Fabrication Services

\* Call for list of active state licenses



**Need more information?** Don't hesitate to contact us.

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**Keeping the momentum.**

