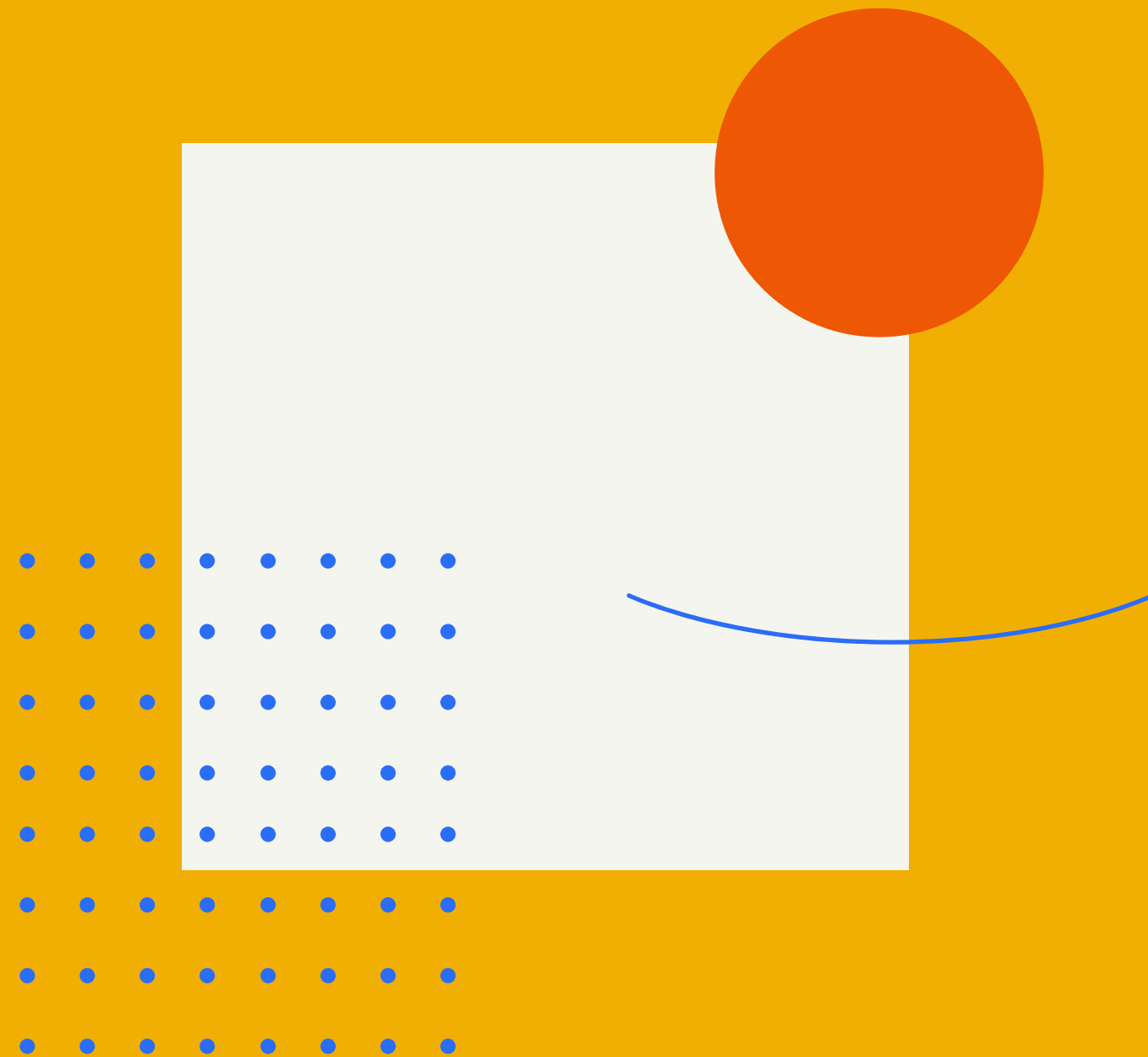




Company Profile

Engineering Design Services

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Introduction:



ThinkCAD is a multidisciplinary collective of designers, engineers, architects and makers united by a passion for creating. We are devoted to excellence, driven by curiosity, and inspired by the joy of making. From collaborating with visionary founders to developing our own ideas, we bring together diverse expertise—industrial design, architecture, and technology—to craft meaningful projects that push boundaries and celebrate innovation.

Let's connect and explore how we can achieve your goals together!

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What we offer?

Comprehensive Design Solutions: From initial concept development to detailed engineering, we provide end-to-end services across various industries.

Advanced Technology Integration: Utilizing the latest software and tools, we ensure precision and efficiency in our designs.

Custom Projects: We work closely with clients to understand their specific requirements, delivering bespoke solutions that align with their goals.

Our Services:

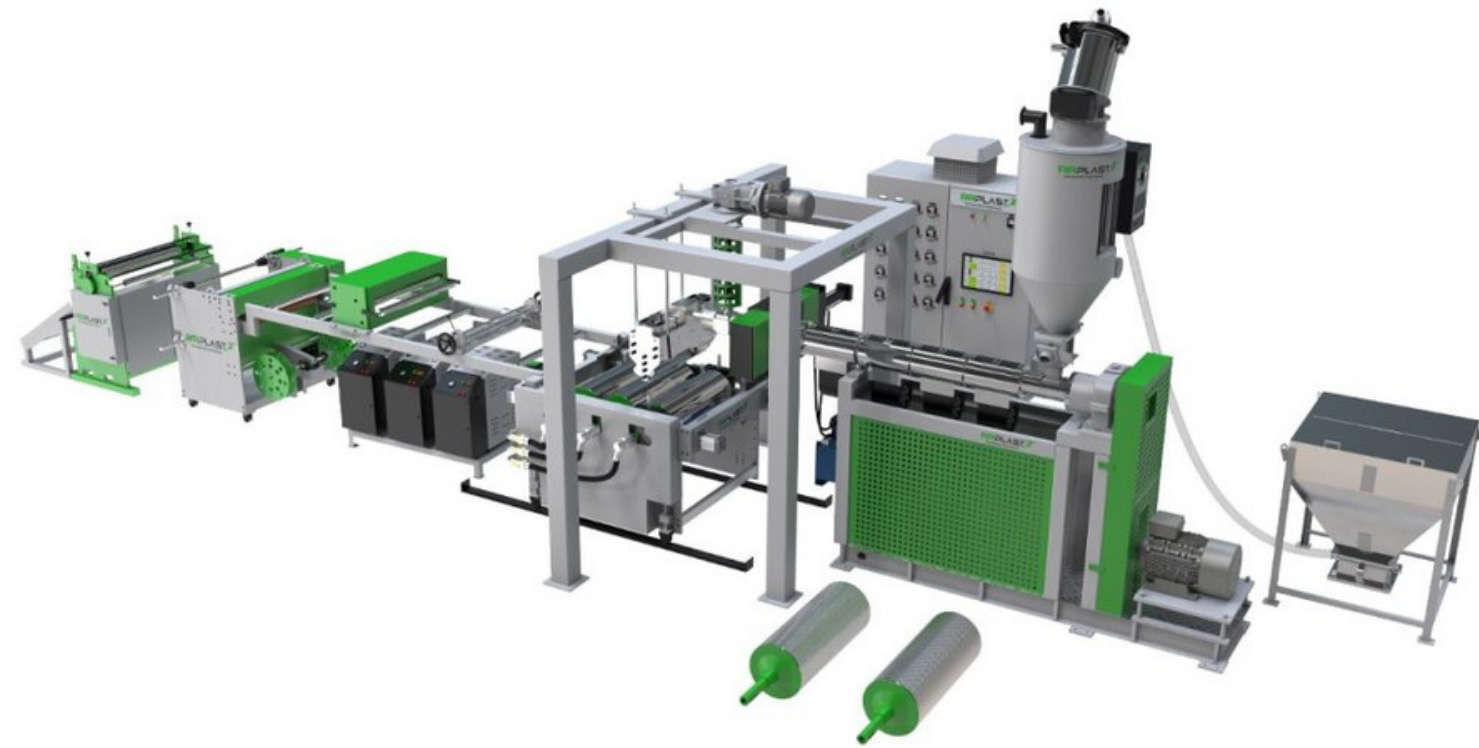
- Mechanical Design
- Product Development with Rendering
- Prototyping and Testing
- Reverse Engineering
- CFD & FEA, Meshing Services
- Drawings & Detailing
- Flexible Contract Staffing Across: CAD Engineers, Mechanical, Project Managers & Coordinators, Scalable Workforce Tailored to Project Needs
- Online Training & Academic Training programs on CAD software's

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Portfolio





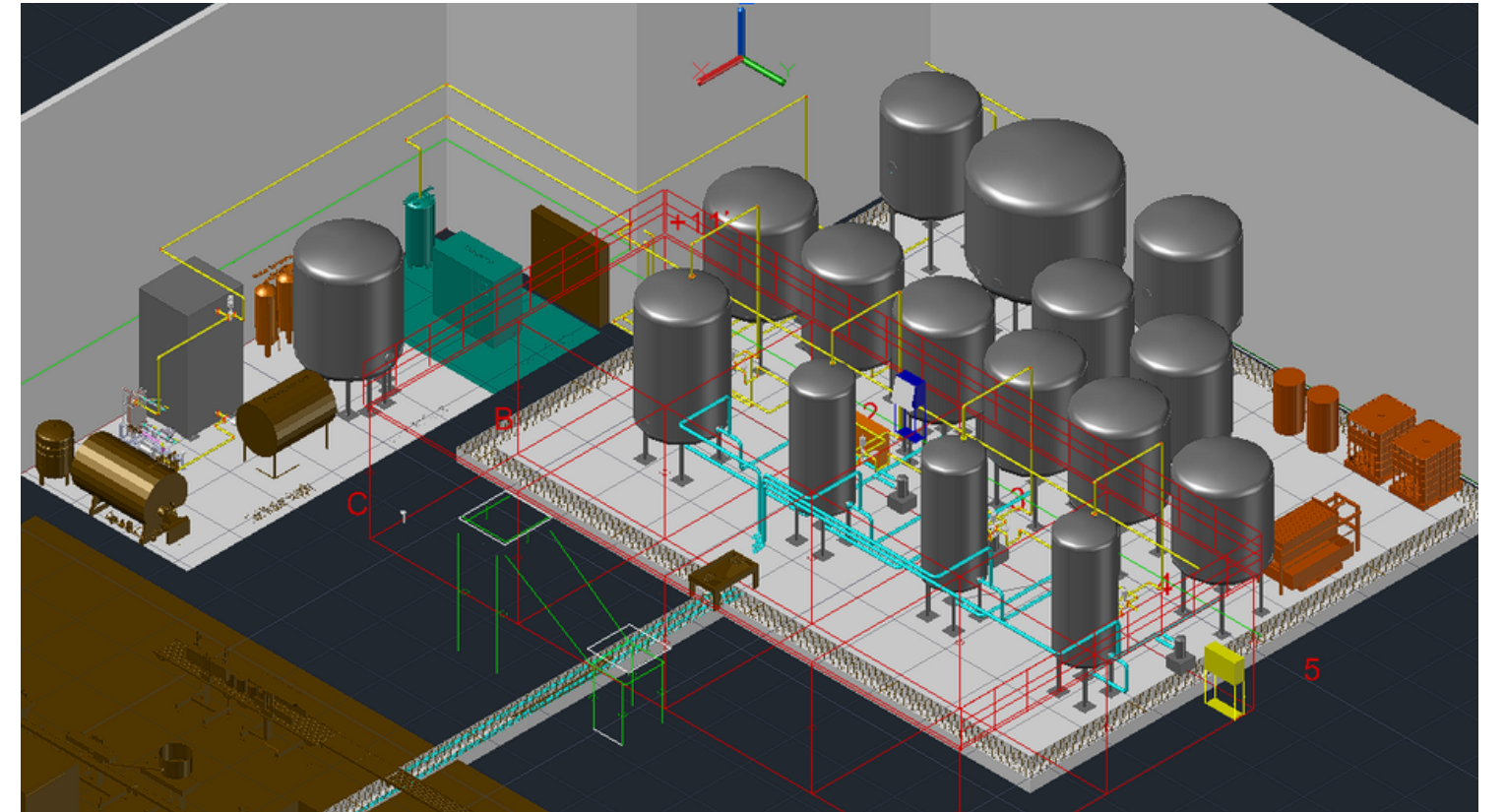
3D Modelling, Drafting & Rendering

Portfolio

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Portfolio

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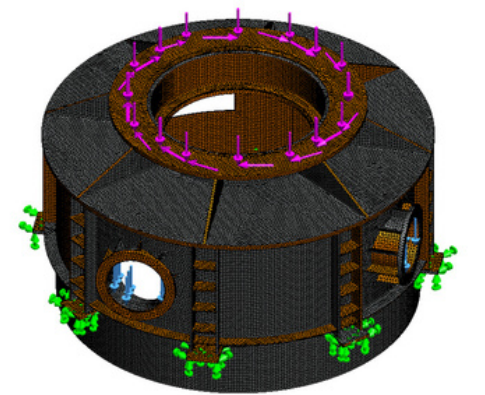


Piping & Plant Layout

Finite Element Analysis

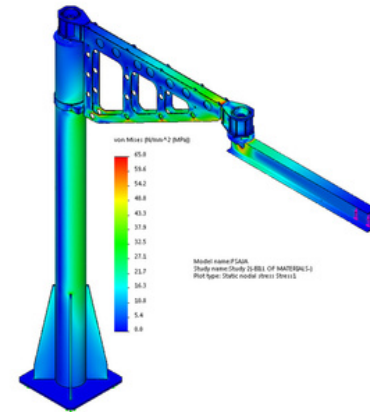
08

Structural simulation across static, dynamic, and impact loading



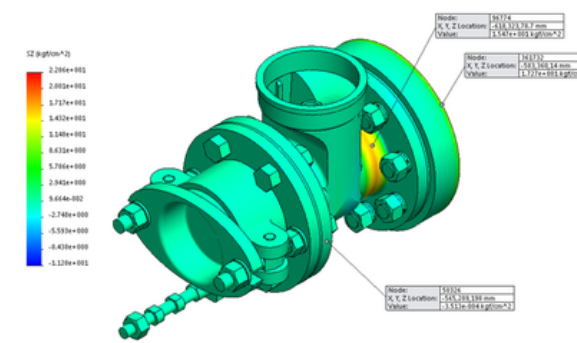
Static Analysis

Stress & deformation under sustained loads



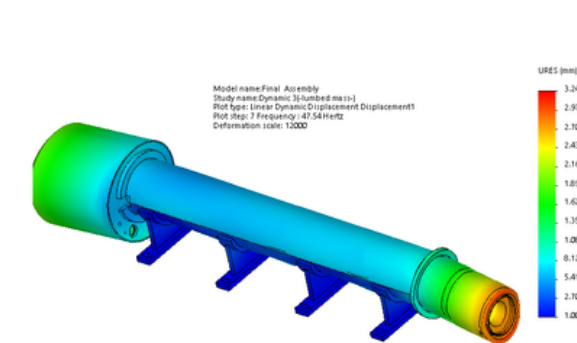
Fatigue Analysis

Life prediction under cyclic loading



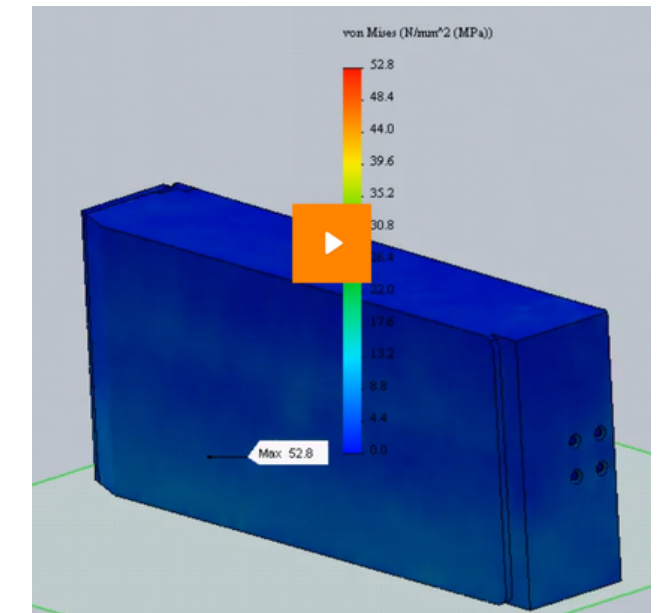
Shock Analysis

MIL-grade shock response simulation



Vibration Analysis

Modal, random & sine vibration response



Drop Test Analysis

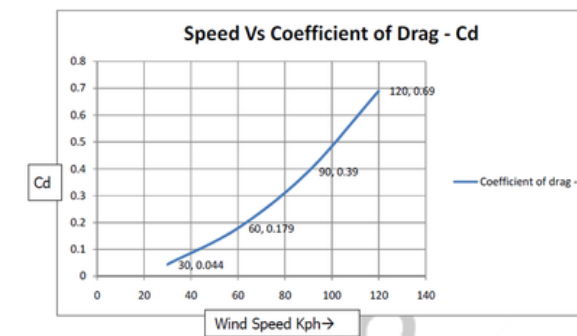
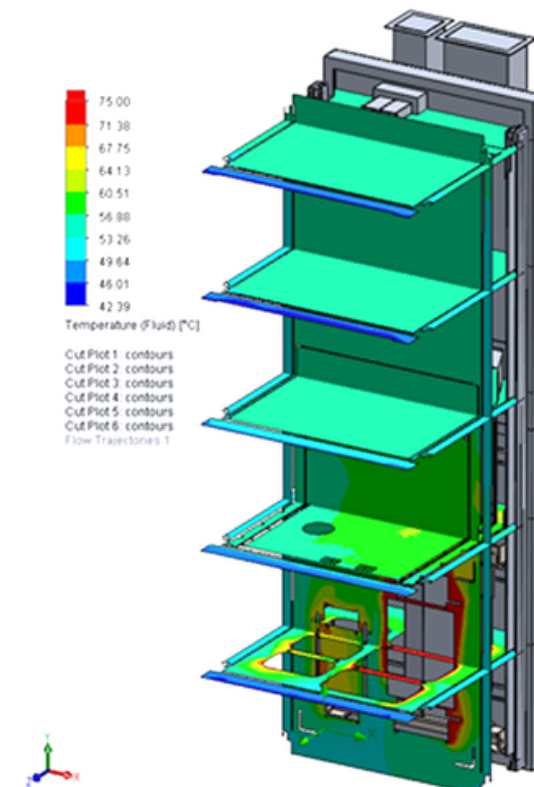
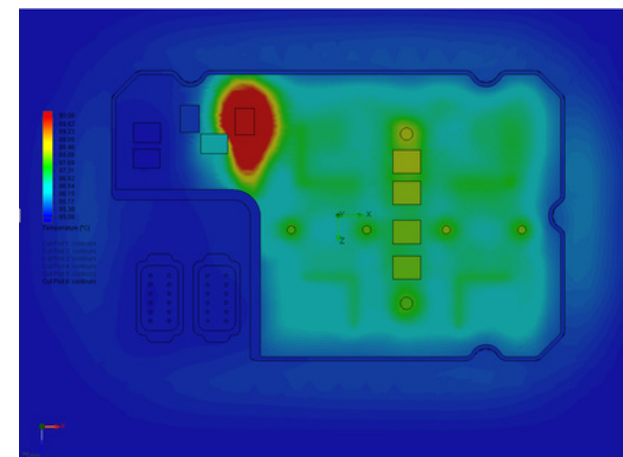
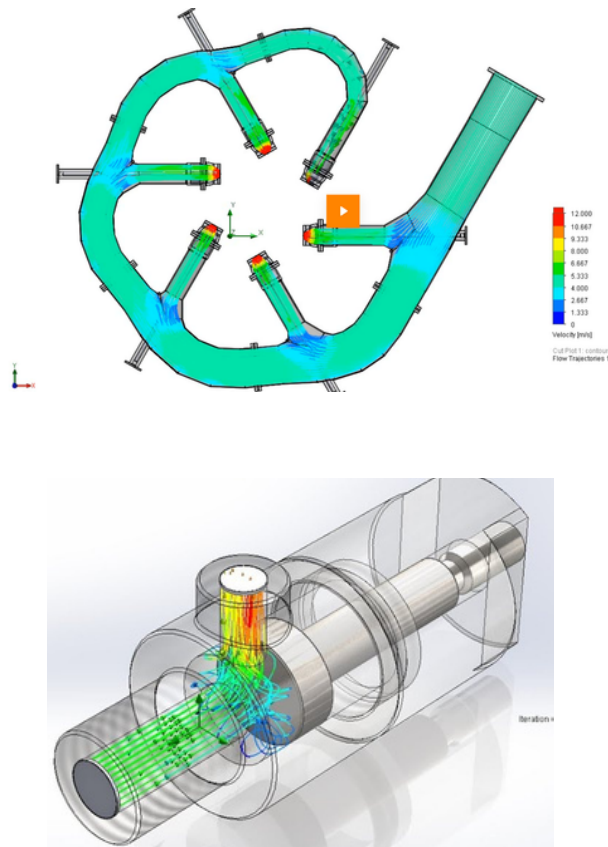
Impact & transit-drop survivability

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Computational Fluid Dynamics

Flow, thermal, and cooling simulation for fluid and thermal systems

09



Hydraulic Flow Analysis

Pressure drop & flow-path optimization

Thermal Analysis

Heat transfer & thermal management

Electronics Enclosure Cooling

Cooling performance of enclosures

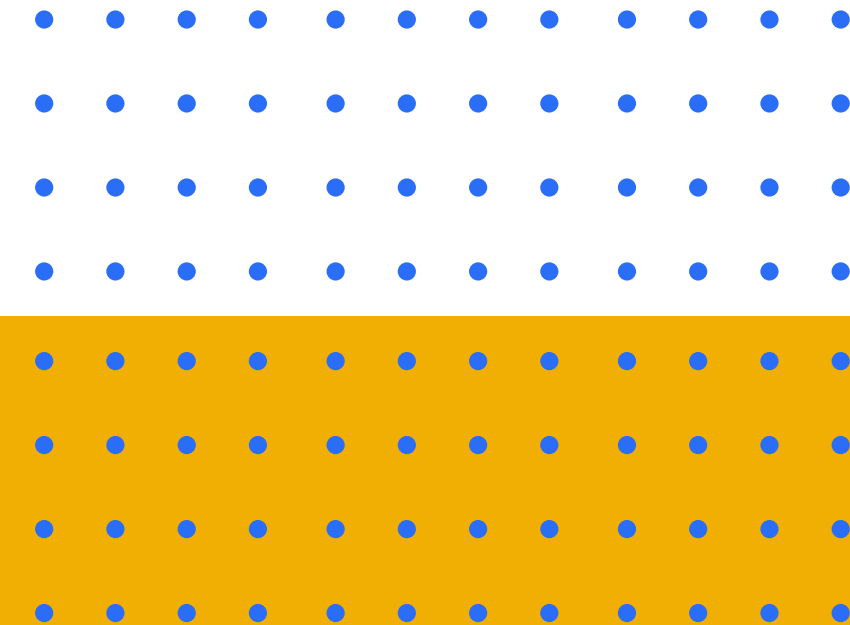
Lift & Drag Analysis

Aerodynamic performance evaluation

Plastics - Mold Flow Analysis

Injection mold filling simulation

Clients:



Testimonials:

Very professional service and great communication. Vikas completed the project in time exceeding the quality expectations. I would happily recommend him.

- **Vikas Dayal**

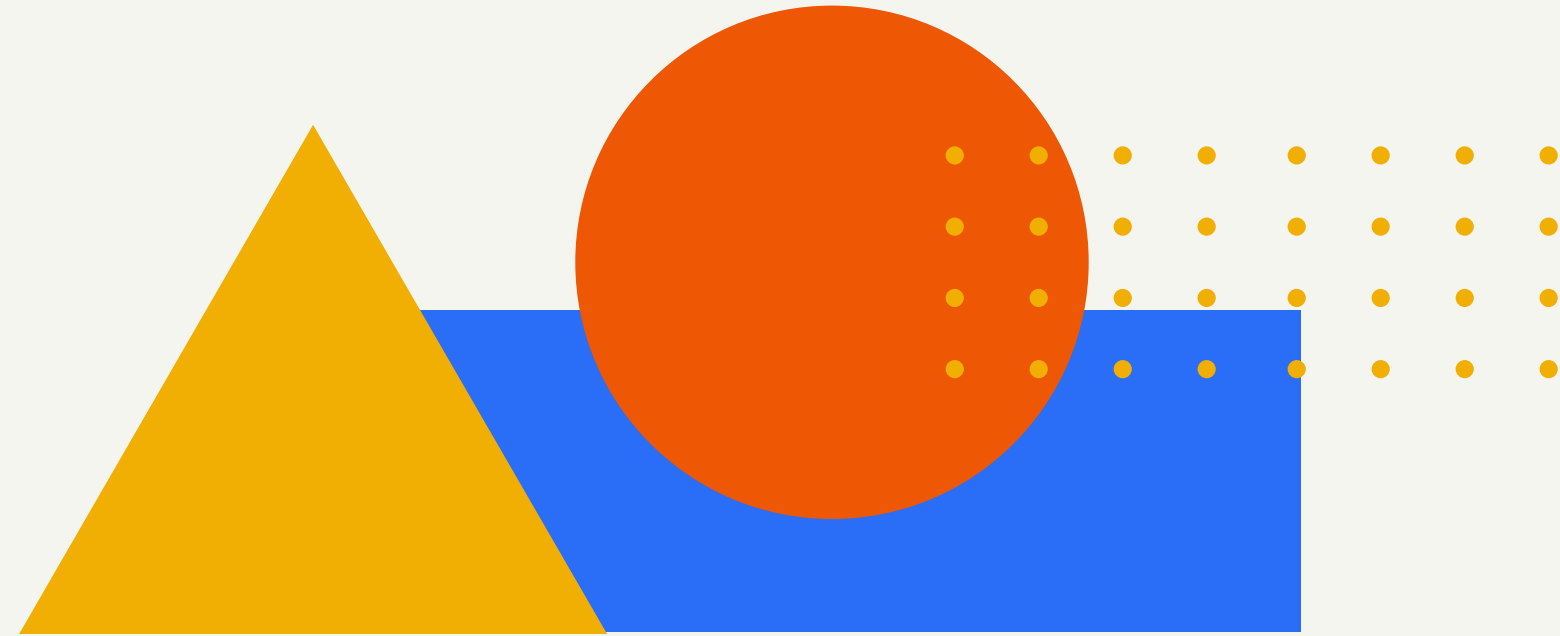
Vikas is very helpful and knowledgeable. He helped me in understanding various new concepts in both engineering and drawings.

- **Amitoj Parmar**

- ▶ **Client-Centric Approach:** We listen, understand, and adapt to our clients' needs, ensuring satisfaction at every stage.
Expert Team: Our multidisciplinary team brings a wealth of experience and knowledge to every project.
- ▶ **Innovative Solutions:** We are committed to pushing the boundaries of what's possible, utilizing the latest technologies and methodologies.

Whether you're looking to enhance a product, streamline a process, or embark on a new project, we can support you.

Why Choose Us?



How to reach out to us:

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Email: hello@thinkcad.in

[Our LinkedIn Profile](#)

Social: **@thinkcadtech**

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Thinking Made Visual