



IDSS GLOBAL
International Design & Software Solutions



Delivering
EXCELLENCE
in **ENGINEERING**
SOLUTIONS



Mechanical
Engineering Services

The Mechanical Engineering Challenges

Mechanical engineering firms are currently facing significant challenges. They need to meet growing demands, expand their services, and seize market opportunities while ensuring high-quality work and maintaining revenue.

The Captive Model:

In the past, there have been two main options for addressing these challenges. The first option, known as the Captive Model, involves hiring and training new staff and acquiring additional office space. This approach is time-consuming, expensive, and carries the risk of ending up with unprofitable assets due to market changes.

The Outsourcing Model:

The second option is the traditional Outsourcing Model, which is cheaper and quicker to implement. However, it often lacks process visibility and direct control, putting project schedules, standards, and corporate culture at risk.

Fortunately, there is a third choice that combines the advantages of both models and eliminates their drawbacks. This alternative provides a balanced approach, offering the benefits of Captive and Outsourcing without compromising process visibility, control, schedules, standards, or corporate culture.

The Benefits of Outsourcing Mechanical Engineering Projects

- **Increased Scalability:**
The ability to quickly and easily scale up or down as demand changes
- **Improved Efficiency:**
The ability to focus on core competencies and outsource non-core activities
- **Reduced Costs:**
The ability to save on labor, office space, and other overhead costs
- **Enhanced Quality:**
The ability to leverage the expertise of a wider pool of resources
- **Improved Risk Management:**
The ability to mitigate the risk of market changes and other unforeseen events



Our Services

2D Drafting

- 2D Drafting Revisions
- Conveyor Fabrication Detailing Work
- Auxiliary Views
- 3D Models to Drawing
- 2D Drawing Corrections

3D Modeling

- 3D Modeling and Assembly
- 2D to 3D Models
- Assembly Drawing
- Assembly Interface Checks

Stress Analysis

- Structural Stress Analysis
- Piping Stress Analysis
- Computational Fluid Dynamics (CFD)

Why Choose Us



Cost Effective



Reliable Team



Customer-Centric Focus



Scalability & Flexibility



24 / 7 Workflow



Increased Efficiency & Productivity

646+

Projects Delivered / Year

25840+

Hours / Year

90+

Satisfied Clients

Supported Softwares:



About IDSS GLOBAL

Welcome to IDSS Global, your trusted partner for mechanical design engineering outsourcing services. With a skilled team and proven expertise, we deliver innovative solutions for CAD / CAM, 3D modeling, product development, and more. Our cost-effective services ensure accelerated timelines, improved productivity, and designs that exceed industry standards.

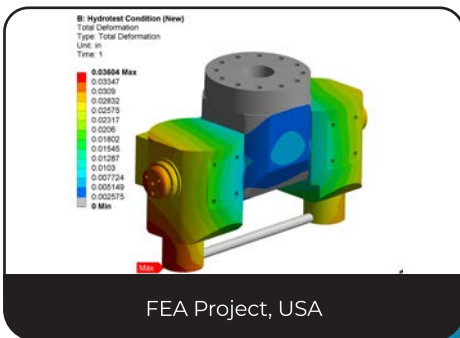
Ready to take your mechanical design engineering projects to the next level? [Contact our team today](#) to discuss your specific requirements, receive a personalized quote, or [learn more](#) about how IDSS Global can help your business succeed.

Customer Testimonial

IDSS Global's consistent ability to provide on time delivery of Quality Shop Drawings, allows Steel Service to meet or beat our Customers. Delivery Schedules. **Robert Morrow , Canada**

IDSS Global has been providing outstanding FEA analysis and support to us. They consistently provided us with professional service and excellent results. We would not be enjoying the success we have had with our products without their guidance. **Pete Jones, USA**

Company Portfolio:



[CLICK HERE to VIEW MORE PROJECTS](#)

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