



ptiMech

ENGINEERING

Your Vision, Our Precision

About Us

At OptiMech Engineering, we provide a wide range of mechanical engineering services, offering flexible and cost-effective solutions to industries such as:

- Automotive
- Automation & Machine Tools
- Packaging Machines
- Heavy Fabrication
- Medical & Industrial Equipment
- And so on

We specialize in New Product Design & Development, and Manufacturing Support.



Engineering Design Portfolio

- Special Purpose Machine Design
- Tooling & Reverse Engineering
- 2D-3D Conversion, Data Conversion
- Quality & Manufacturing Support
- 2D mechanical drawings
- Control Cabinet Engineering
(Design, Installation, Validation)
- PLC, CNC Programming & Integration
- Database Management & Automation
- Finite Element Analysis (FEA)
- Computational Fluid Dynamics (CFD)
- Load, Strength, and Failure Analysis



New Product Development - Methodology

Our structured approach to New Product Development follows these phases:

- Concept Design
- CAD Modeling & Simulation
- Technical Documentation
- Product Delivery

We focus on delivering high-quality, innovative designs that meet functional and operational requirements.



Capability

The background of the slide features a technical drawing on a blue grid. A large, semi-transparent white graphic element, resembling a stylized 'C' or a page curl, is positioned on the left side. In the foreground, there are several engineering tools: a silver caliper with a scale, a green pencil with an orange eraser, and a silver ball bearing. The drawing includes various lines, circles, and dimension lines with numbers like '24', '34', and '3"'. The overall theme is engineering and manufacturing.

- **Data Digitization:**
Convert old data to modern CAD, 2D to 3D transitions.
- **Pilot Project Execution:**
Manage proposals and ensure quality.
- **Engineering Support:**
3D design, detailing, and BOM creation.
- **Design Optimization:**
Modify designs for performance improvements.
- **New Product Development:**
End-to-end development with timely delivery.

Mechanical Component Sourcing

- **Supplier Network:**
Extensive network of trusted suppliers for high-quality components.
- **Cost-Effective Procurement:**
Focus on competitive pricing and timely delivery.
- **Quality Assurance:**
Sourcing certified components that meet industry standards.
- **Customization:**
Components tailored to specific project requirements.
- **Global Sourcing:**
Access to suppliers across regions to meet diverse client needs
- **Vendor Management:**
Strong vendor relationships to ensure reliable supply chain.



MANAGEMENT

ANALYSIS



SCM
SUPPLY CHAIN
MANAGEMENT



PROCUREMENT



DISTRIBUTION

Why OptiMech Engineering?

- Cost-Effective and Timely Delivery
- Streamlined Processes for better productivity
- Quality-Centric approach to ensure reliability
- Flexible Business Models to suit customer needs




Thank You

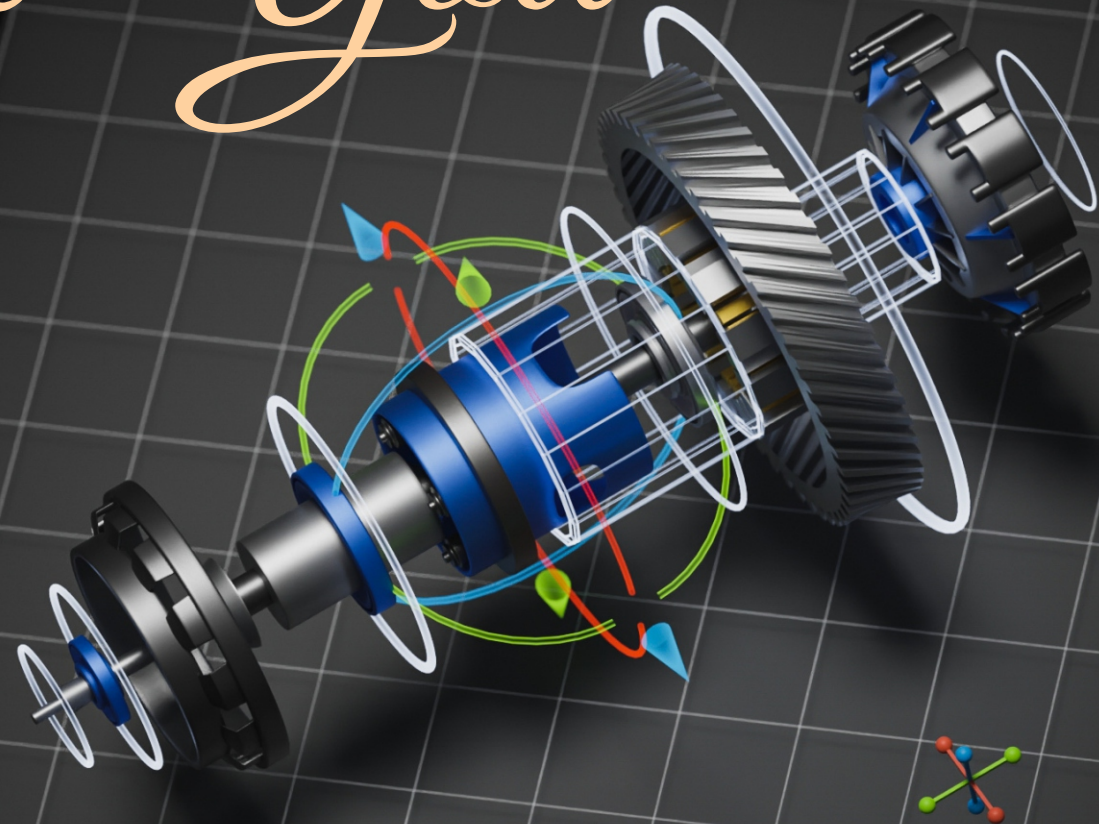


OptiMech Engineering

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Align				
Align Loc	X	Y	Z	All
Align Location	X	Y	Z	All
Align Rotation	X	Y	Z	All
Align Scale				