

Sigma Design Company Provides Creative Design Solutions and Engineering Analysis for the Development of New Products and the Specialty Machinery To Support Them.

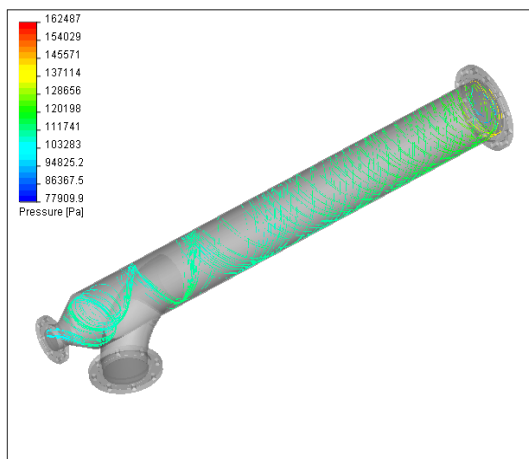
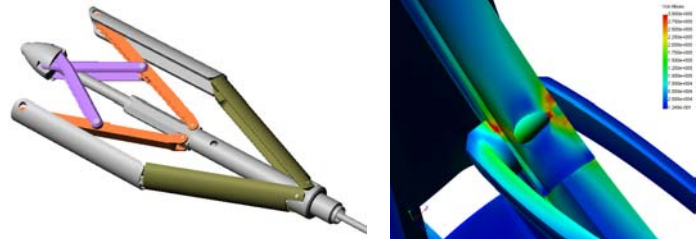
NEW PRODUCT DEVELOPMENT - MANUFACTURING SYSTEM TROUBLE SHOOTING
DEVELOPMENT AND ANALYSIS OF COMPLEX MECHANISMS AND INTRICATE PROCESS EQUIPMENT
MATERIAL SELECTION – HEAT TRANSFER – STRESS – MOTION AND FLUID FLOW ANALYSIS



BENEFITS:

1. Advanced Engineering Analysis lets you better understand your product and it's limitations.
2. Visualization of actual deflections, stress levels, heat transfer and fluid flow profiles in parts and assemblies that may have been ignored in the past.
3. Uncover non-obvious and sometimes counter intuitive design flaws early and fix them.

Finite Element Analysis – Developed 3D Model, Stress Analysis and Redesign to Solve Refinery Operational Failures.



Kinematic Simulation and Stress Analysis of a Heart Dilator.

Computational Fluid Dynamics Used to Study Swirl in an Industrial Water System.

Licensed Professional Engineers: NY, NJ, PA, LA

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