



**SIGMA**

**DESIGN**

Professional Engineers and Designers

**Providing Technical Assistance for:**

<b>Engineering Departments</b>	Engineering Analysis: Computational Flow (CFD), Heat Transfer (FEA & CFD) Stress Analysis of Parts & Assemblies (FEA) Complex Mechanism Development Specialty Machine Design CAD Design Services – Unigraphics NX, SolidWorks, AutoCAD Geometric Dimensioning & Tolerancing ASME Y14.5M Metal Castings & Plastic Parts including Material Selection ASME Pressure Vessel Design Piping & Filtration System Design
<b>Product Development Groups</b>	Product Feasibility Studies Conceptual Designs and Layouts Performance Calculations Develop Detail Design Specifications Develop Rapid Prototype Patent Research & Applications
<b>Marketing Departments</b>	Competitive Analysis Product Features & Benefits 3D Product Views & Assemblies Develop Sales Drawings Create Application Data Sheets
<b>Industrial Engineering Departments</b>	Lean Manufacturing Training Test Machine Design Specialty Production Machine Design Equipment Arrangements & Specifications Production Tooling & Fixture Design
<b>QA &amp; QC Departments</b>	Dimensional Tolerance Reviews Design Inspection Tools & Fixtures Develop Inspection Drawings

***Turning Smart Ideas into Product Solutions***

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