

Stress Analysis Solutions Inc.

Structures, Machinery, Cranes, Lifting Devices,
Calculations, Engineering, Design and CAD Drawings

www.stressanalysissolutions.com

Phone: 708 670-0532

GENERAL SERVICE LISTING

Drawings, CAD and 3D Modeling

- Structural and Mechanical Designs and Layouts, Assembly Drawings and Detailing
- Machinery Design and Detailing; Custom replacement part designs
- Equipment Layouts, Plant Layouts, Facilities Planning
- Piping and Utility Layouts; As-built Equipment and Facility Drawings
- 3D Modeling using SolidWorks™ and Autodesk Inventor™
- Conversion of 2D Part Drawings into 3D Solid Models
- Custom ANSI Titleblock Creation and Drafting Standards Consultation

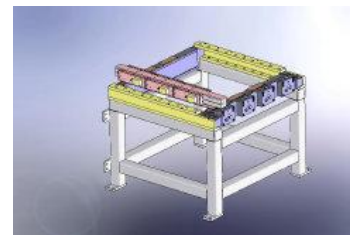
Structural and Mechanical Engineering

- PE Reviews and Certifications
- Structural Calculations, Stress Analysis and Member Sizing for all types of Structures
- Stress Analysis of steel frames, girders, columns, brackets and structures
- Stress Analysis of Cranes and Crane Supports
- Analysis and Load Rating of Frames, Decks, Platforms, Crane Supports, Mezzanines and Fall Protection Anchoring
- Below-the-Hook Lifting Devices, Riggings and Lifting Safety Plans
- Concrete, Foundation, Footing and Anchoring Designs
- Mechanical Drive system design, analysis and sizing including shafts, bearings, gears, gearboxes, motors, chains and belts
- Fatigue Analysis and calculations of structures for Infinite Life Design; Safety Engineering, reviews and equipment upgrades
- Code Applications: AISC, UBC, CMAA, AISE, OSHA, ACI, IBC

Please visit our Website at
www.stressanalysissolutions.com

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Professional Engineering Services

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CAD and Structural Design

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