

Senior Mechanical Engineer:

Dunaway is looking to hire a highly skilled, senior level industrial Machine Design Engineer with 3D and FEA skills, who can design industrial equipment related to the aluminum extrusion industry. This includes billet loaders, extrusion presses, stems, containers, tie rods, handling systems, etc. You must be able to plan, design, and coordinate the integration of new extrusion machinery and equipment into manufacturing processes with a high level of proficiency. This position must be capable of designing and troubleshooting complex mechanical functions while working independently and cohesively with your teammates.

This position will be the main contact for all engineering for the company.

Job duties:

- Design of extrusion presses and related industrial and material handling equipment using 3D modeling software.
- Reverse engineering of existing equipment for repair or product enhancements
- Work directly with the field services team to assist with troubleshooting and repair of equipment
- Orchestrate the movement and installation of industrial equipment including extrusion presses, handling systems, billet heaters, etc.
- 10%-15% travel – subject to change based on workload

Required experience:

- Industrial machinery and equipment design: 15+ years
- Ability to schedule jobs through the shop to keep all machinists and assemblers busy at all times
- Experience generating 2D drawings for manufacturing - in Solidworks or AutoCAD
- Working knowledge of hydraulics for new designs and troubleshooting existing systems
- Working knowledge of FEA analysis using industry standard software
- Working knowledge of industrial electrical systems and components

Preferred experience:

- Experience in the aluminum extrusion industry - designing and troubleshooting
- Experience using Solidworks and CAM software
- 3+ years' experience designing aluminum extrusion presses and associated handling and support equipment - billet loaders, extrusion presses, stems, containers, tie rods, etc.
- Engineering degree in Mechanical, Electrical, or Industrial.

The Machine Design Engineer will be the main point of contact for all engineering services for our customers. This position plans, designs, and coordinates the integration of new extrusion machinery and equipment into manufacturing processes with a high level of proficiency. This position must be capable of designing and troubleshooting complex mechanical functions while working independently and cohesively with your teammates.

Pay – based on experience



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About Dunaway:

For over 40 years, Dunaway has been designing, building and upgrading extrusion presses and systems. These turnkey capabilities allow us to support our customers with any size job – from relining containers and upgrading equipment, to systems installation and redesigning entire plants.

Our in-house CNC capabilities allow us to machine to tolerances of .0005", to provide the finest quality extrusion press components. Additionally, we offer engineering, consultation, installations and field services.

Dunaway components and systems are installed worldwide – from the U.S. and Canada to Europe and Asia-Pacific. We are the Extrusion Machinery Specialists.