



Project Engineer

French® is an ISO-certified, 4th generation family-owned U. S. company that custom designs, manufactures and supports hydraulic press systems for molding rubber and composite materials, screw presses for synthetic rubber processing and for the separation of liquids from solids, and oilseed equipment used to extract vegetable oil from seeds and nuts, and to produce biofuels.

For over 120 years we have partnered with our stakeholders, in over 80 countries worldwide, to provide products with superior value and superior service that improve our customers' productivity and reduce their overall production costs.

Location: Piqua, Ohio

Position Summary: The Project Engineer is responsible for the mechanical design of hydraulic presses and associated subsystems. These subsystems may include process heating and cooling, automation for material handling, vacuum, pneumatic, and hydraulic elements. The role involves creating 3-D models in SolidWorks, generating detailed drawings, bills of materials, and other project documentation. The Project Engineer collaborates with sales engineers, electrical engineers, manufacturing teams, vendors, and customers to take designs from concept to implementation.

Essential Duties and Responsibilities:

- Develop and deliver accurate drawings and bills of material to manufacturing on schedule.
- Provide technical support to Sales Engineers, aiding in equipment sales.
- Offer technical assistance to manufacturing for on-time, budget-conscious delivery.
- Deliver technical support to customer service for troubleshooting field issues.
- Assist end-users with installation and start-up of machinery.
- Refine designs to reduce costs and improve performance.
- Address assembly and field-requested improvements promptly.
- Maintain engineering costs within project budgets.
- Collaborate effectively within a team and independently.
- Compile comprehensive manuals, drawings, and documentation for customers.
- Adhere to ISO 9001 procedures and participate in Q100 quality initiatives.
- Occasional travel to customer and supplier locations, typically for one to seven days.

Qualifications and Experience:

- A minimum of 5 years of experience in a related field is required.
- A bachelor's degree in engineering is preferred.
- Strong mechanical knowledge with expertise in designing custom machines for large capital projects.
- Familiarity with hydraulic design.
- Experience in ISO 9001 quality standards.

Skills and Abilities:

- Proficiency in SolidWorks design software.
- Strong understanding of mechanical design principles, including strength of materials, thermodynamics, and heat transfer.
- Ability to analyze and interpret technical drawings, contracts, and correspondence.
- Excellent verbal and written communication skills for interactions with customers, suppliers, and team members.
- Proficiency in mathematical concepts such as geometry, trigonometry, and applied engineering calculations.
- Problem-solving skills with the ability to interpret technical instructions and manage abstract/concrete variables.

AAP/EEO Statement: French Oil Mill Machinery Co. is an equal opportunity employer. All qualified applicants will be considered without regard to race, color, religion, sex, gender identity, sexual orientation, national origin, age, disability, genetic information, or veteran status.

To apply please visit: [Hiring Project Engineer | French Oil Mill Machinery Co.](#)