



Senior Mechanical Design Engineer



ABOUT THE COMPANY

Ahaus Tool and Engineering has stood the test of time through the past 75 years by being innovative, supportive and a top employer in their industry. They specialize in designing and building Automation, Custom Manufacturing Equipment, and Workholding Fixtures. They also provide Prototype, Short Run and Precision Machining services. Their customers are in the construction, medical, aerospace, consumer products, automotive, and power generation fields.

THE OPPORTUNITY

- Are you passionate about creating innovative automated equipment and tooling designs?
- Are you excited about the opportunity to work for a reputable, family-owned company known for its outstanding industry reputation?
- Are you looking for a role that offers professional growth and the chance to work collaboratively with a supportive team?





WHAT YOU'LL BE DOING

- Create concepts, designs, details and engineering simulations for special automated equipment, tooling, dies, molds and fixtures
- Application of design techniques utilizing knowledge of several mechanical elements including powered prime movers, conveyors & material handling, transmission components, vision systems, electrical devices, electrical sensors, and electrical instruments
- Application of design expertise in the following specific areas preferred: automation, hydraulic & manual workholding fixtures, milling, turning & gauging workholding fixtures, heat exchanger core assembly equipment, crimping equipment & dies, models & corrugation equipment, gauges, multi-station systems, functional test equipment and standalone equipment
- Utilize engineering acumen in the following disciplines: GD&T dimensioning techniques, engineering technologies including safety & ergonomics, industrial engineering techniques, manufacturing technologies, and controls engineering techniques
- Select purchased components to incorporate into designs
- Create technical documentation for equipment operation designed for instruction manuals as required
- Redline & revise drawings
- Create sequence of events and powered elements charts
- Engage in debug and development activities
- Work within quality system parameters as required
- Communicate with team members and managers to receive instructions and coordinate activities
- Utilize ERP system (Epicor)
- Engage in assisting junior or mid-level designers in their development of engineering skills while partnering on projects
- Assume a lead designer role on projects, coordinating and leading multiple designers simultaneously
- Engage in continuous improvement activities



IDEAL CANDIDATE QUALIFICATIONS & EXPERIENCE

- Undergraduate degree in Mechanical Engineering or related field preferred OR
- Associates degree/Vocational experience in Mechanical Engineering Technology and supporting experience.
- Completion of apprenticeship in engineering and manufacturing environment
- Hands-on experience in manufacturing
- GD&T
- CAD/CAM
- Blueprint Reading
- Mechanical troubleshooting
- Hydraulics
- Automation Systems
- Product Design
- Mechanical Assembly

KEY PERSONAL ATTRIBUTES

- Strong written and verbal communication skills
- Strong organizational skills
- Precise and thorough – strong attention to detail
- Task-oriented with high standards for quality and accuracy





THE PAYOFF

- Professional satisfaction and challenge while working cooperatively with ownership, leadership, and peers
- Work with a company that has an outstanding reputation in both their industry and community with the opportunity to grow with your talents

ADDITIONAL COMMENTS

This is an outstanding opportunity to work with an extremely successful company that has a great balance of innovation, growth, and employee engagement. They are primed for significant growth and are excited to grow their engineering talent.





LEARN MORE & APPLY

This executive search is being led by **Jenny Caccimelio and Julie George**. Click the link below to confidentially apply now through the Gilman Partners website or use the contact information below to reach out with any questions. Please reference the position title and organization in the email header. [Apply Online](#)



Jenny Caccimelio
Executive Search Consultant

jcaccimelio@gilmanpartners.com

(513) 313-5633



Julie George
Partner, Executive Search Consultant

jgeorge@gilmanpartners.com

(513) 884-9802



Gilman Partners is committed to strengthening leadership teams and elevating the talent in our communities – and that means all qualified applicants will receive consideration without regard to race, ability, religion, sex, age, sexual orientation, gender identity/expression, or national origin. You don't have to meet every qualification in this job description to apply. If you're drawn to the position and believe your experience makes you a good fit, we encourage you to reach out.