

Become part of the Hofmann family -

Your next job:

Lead Mechanical Design Engineer

What can you expect as a Lead Mechanical Design Engineer at Hofmann Mess- und Auswuchttechnik?

American Hofmann Corporation is seeking an experienced Senior level Mechanical Design Engineer to join help lead our team in Lynchburg, Virginia. This role is ideal for an engineer who enjoys solving challenging machine design problems, leading technical efforts on complex projects, and mentoring junior engineers. You will play a key role in the design and development of custom industrial balancing systems and automated machinery used by manufacturers around the world.

Your tasks

- Lead the mechanical design and development of custom industrial balancing systems and automated machinery.
- Design systems incorporating pneumatics, hydraulics, actuators, tooling, fixturing, drilling stations, milling stations, and other automation technologies.
- Perform engineering calculations including precision ISO fits, tolerance stack-up analysis, component sizing, and fixture design.
- Lead the mechanical engineering effort on assigned projects by coordinating work assignments and providing technical direction to engineering team members.
- Collaborate closely with manufacturing, sales, testing, service, and production teams to deliver high-quality customer solutions.
- Mentor and support junior engineers through technical guidance and professional development.
- Contribute to continuous improvement initiatives related to engineering processes, design standards, and product performance.
- Effectively communicate technical concepts and project status across multiple departments.

Your qualifications

- Bachelor of Science in Mechanical Engineering (BSME) required.
- 10+ years of mechanical design experience in industrial machinery, automation equipment, or custom machine design.

Your skills

- Strong knowledge of machine design principles, GD&T, ISO fits, and tolerance stack-up analysis.
- Experience with pneumatic and hydraulic systems, actuators, tooling, and fixturing.
- Proficient use of Siemens Solid Edge or comparable 3D CAD software.
- Demonstrated ability to lead engineering projects and mentor other engineers.
Strong organizational, communication, and problem-solving skills.

Desirable

- Experience with Creo (formerly Pro/ENGINEER) is a plus.

Your benefits

- Competitive salary: \$95,000 - \$115,000, based on experience and qualifications.
- Flexible working schedule.
- Consistent 40-hour work week.
- Challenging and technically rewarding machine design projects.
- Opportunities for technical leadership and mentorship.
- Collaborative and supportive engineering culture.
- Direct visibility into the design, manufacturing, testing, and commissioning process.

Have we aroused your interest?

Then we look forward to receiving your comprehensive application documents. Please state your earliest possible start date.

Contact:

Michelle Mays

E-Mail: hr.dept@us.hofmann-global.com

Hofmann Mess- und Auswuchttechnik GmbH & Co. KG
Werner-von-Siemens-Strasse 21
64319 Pfungstadt
germany@hofmann-global.com | +49 (0) 6157 949 0
www.hofmann-global.com