

Become part of the Hofmann family -

Your next job:

Senior Mechanical Engineer

What awaits you as a Senior Mechanical Design Engineer (m/f/d) at Hofmann Measurement and Balancing Technology?

The position of Senior Mechanical Engineer (m/f/d) requires distinct skills in the design of industrial machinery, as well as strong leadership and organizational competencies.

The Senior Mechanical Engineer (m/f/d) takes on the most technically demanding customer projects while simultaneously supporting the professional development of junior engineers. In this leadership role, the position is responsible for the technical supervision of the entire mechanical engineering team's work and ensures that best practices and standard operating procedures (SOPs) are followed. The position reports directly to the Director of Engineering and may be entrusted with the planning, coordination, and assignment of projects within the mechanical engineering team.

The Engineering Department of American Hofmann Corporation is a small, versatile, and interdisciplinary team that works collaboratively on industrial balancing projects. The position requires close cooperation within the engineering department, as well as regular communication with the sales, production, testing, and service departments. The Lead Engineer must effectively communicate and coordinate technical information and requirements between these departments.

Your tasks

- Construction of industrial balancing machines, devices, and associated equipment, taking into account industry regulations, international standards, and customer-specific requirements
- Development of construction models, assemblies, and detail drawings in Solid Edge
- Creating precise Bills of Materials (BOMs) in the Industrios ERP System
- Meticulous documentation of all work, adherence to Standard Operating Procedures (SOPs), and performance of necessary design and development-related calculations.
- Prevention of errors and initiation of suitable corrective actions to comply with the requirements of the ISO 9001 quality management system
- Conducting internal and external design reviews and technical consultations with clients.
- Support of internal departments, including purchasing, production, sales, service, and technical documentation
- Occasional on-site visits to customers may be required (less than 10% of working hours)
- All employees are expected to comply with applicable safety and health regulations and to participate in required training and instruction.

Your qualifications

- Completed Bachelor of Mechanical Engineering degree from an ABET-accredited college or university
- Preferably at least ten years of professional experience in Mechanical Engineering.
- At least five years of experience in the construction of machines and systems
- Very good user knowledge in working with 3D CAD software, knowledge of Solid Edge is an advantage
- Experience in industrial manufacturing and production environments
- Demonstrable experience in leadership, management, or mentoring roles

Your skills

- Understanding rotational imbalance as well as methods for measuring and correcting imbalances in manufacturing processes
- Safe handling of technical software applications, especially Excel functions and macros, Microsoft Word, CAD-PDM systems, and ERP systems
- Strong communication skills and the ability to collaborate effectively with diverse stakeholders
- Ability to handle multiple tasks simultaneously and effectively set priorities through a structured and organized approach to work.
- Knowledge of automated systems, inputs and outputs, and a basic understanding of control logic
- Familiarity with material specifications according to ANSI standards, as well as with geometric product specifications and tolerancing (GD&T)
- Experience in the selection and design of electromechanical components and devices, such as motors, switches, actuators, and similar components

Your benefits

- Varied, challenging, and interesting work
- Room for personal initiative, creativity, and innovative solutions
- Good development opportunities, performance-based compensation in a pleasant work environment, and flexible working hours
- Individual support through further training measures
- 401(k) retirement plan with employer match
- Health, Dental, and Vision Insurance
- Health Savings Account (HSA) with Employer Contribution
- Flexible Spending Account (FSA)
- Life insurance
- Paid Time Off

Have we aroused your interest?

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

Contact:

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