

Senior Mechanical Design Engineer

Essential Requirements

- At least 3 years' experience as a Senior Design Engineer or equivalent Senior Engineer position.
- Degree or HND/HNC in Mechanical Engineering, supported by relevant working experience.
- Extensive AutoCad and Solidworks Software experience and familiarity.
- Experience in design for manufacture.
- Experience using 3D structural stress analysis and finite element analysis (FEA).
- Project management experience, taking projects/customer enquiries from concept to completion while communicating effectively and professionally to various internal and external stakeholders.
- Flexible and adaptable, in order to work on a number of projects/enquiries simultaneously.
- Ability to work to customer specifications and ensure deadlines are consistently achieved.
- Strong all round communication skills, with the ability to easily convey ideas to clients, senior management and colleagues at all levels.
- Desire to research and develop own knowledge and skills, as required by product/design development.

Role Responsibilities

- Becoming a technical specialist in relation to our products and offering our customers the best solution to their lifting challenges.
- Developing an extensive knowledge of lifting law and standards.
- Preparing design briefs and detailed specifications.
- Taking projects/customer enquiries from concept to completion while communicating effectively and professionally to various internal and external stakeholders. For lengthy projects this will require long periods of working autonomously, liaising with the customer regularly and reporting back progress to internal stakeholders.
- Design and draughting using AutoCAD and Solidworks Software.
- Structural stress analysis and finite element analysis (FEA).
- Producing detailed setout drawings, fabrication drawings and general arrangement (GA) drawings.
- Selecting appropriate materials, section sizes, and components.
- Producing full technical files for company products.
- Producing literature for User Instructions and marketing materials.
- Liaising with various stakeholders such as internal colleagues and subcontractors and suppliers.
- Supporting the design, research and development of new products from initial concepts through to prototyping, pre-production and final release.
- Conducting both remote and on-site client meetings as required at enquiry stage and throughout fulfilment of a project. Representing the business, understanding customers requirements, offering expertise and communicating project milestone progress.
- When required by a specific project, visiting subcontractor sites to assist them to carry out pre-production, assembly, trials, and testing of products.

Role Specifics:

- Availability: *We are recruiting an experienced Senior Mechanical Design Engineer to join our Engineering Department.*
- Competitive Wage: *£35,000 - £45,000 pro rata and dependent on experience.*
- Location: *Office Based - Holton Heath Trading Park, Poole, United Kingdom.*
- Working Hours: *Monday to Thursday 08:30 to 17:30. Friday 08:30 to 16:00 (total of 40 hours per week).*
- Holiday: *20 days pro rata plus the Christmas Shutdown period and UK Bank Holidays.*
- Facilities: *Free on-site car, motorbike and bicycle parking. On-site shower and changing facilities. Tea and coffee provided to all staff.*
- DIS Benefit: *Group life cover provided to all employees.*
- Socials: *Monthly Summer BBQ's with a range of food provided to all staff and the usual office parties.*
- Cost of Living: *Periodic cost of living salary reviews for all employees.*
- Well-being: *Independent employee assistance programme (EAP). Eye-care vouchers for relevant staff.*

Company Profile

- We are an innovative Engineering Design and Manufacturing company, based in Poole. Established in 2002, we have transformed into a leading global brand and the premium supplier within our heavy lifting specialism. Known as technical experts and a versatile supplier, we serve many key global sectors and industries such as Wind Energy, Nuclear, Construction, OEM, Marine and Offshore Oil & Gas. Our products are delivered through a number of different channels, such as: direct end user, resellers, rental partners and a strong distribution network.

The Team

- We are incredibly passionate about who we are and what we do. We want to be more than just a supplier, we are a technical expert partner to our customers. The lifting industry is a complex, specialised and demanding environment to operate in, constantly driving us to be the very best we can be - it keeps things very interesting!
- Our team is the essential foundation, to support the exciting growth and on-going development of the business. The success of our team is driven through our total commitment to our shared behavioural values: Cooperation, Respect, Honesty, Positivity, and Proactivity. This allows us to boast a working environment that is driven, supporting, fun and friendly.

Application:

- This role is based in our office in the UK. Therefore, to be considered candidates must hold the Right to Work in the UK. We are not offering overseas visa sponsorship for this role.
- This role is required to work on projects which have UK security classifications applied. Therefore, to be considered for this role candidates must be a UK national.
- We're professional people, looking for like-minded individuals, therefore we expect a professional application. For an application to be considered, an up-to-date CV must be submitted, supported by a covering letter.

- Unfortunately, due to the volume of applications we receive, only candidates successful in passing to the next stages of the application process will receive further contact from us.
- Job Types: Full-time, Permanent
- Salary: £35,000.00-£45,000.00 per year
- Benefits:
 - Life insurance
 - On-site parking
- Schedule: Monday to Friday
- COVID-19 considerations: Our workplace is COVID-Secure in accordance with current Government and HSE advice and guidelines
- Ability to commute/relocate: Poole BH16 6FL: reliably commute or plan to relocate before starting work (required)
- Education: Bachelor's (required)
- Experience:
 - SolidWorks: 5 years (required)
 - 3D Structural Stress Analysis & FEA: 3 years (required)
 - AutoCAD: 5 years (required)

If this role sound like you, and you're interested in registering your interest, you can do so by sending your CV and a supporting covering letter to our HR Manager via tom.sturt@modulift.com.