

Job Title: Senior Electromechanical Design Engineer
Reports to: Managing Director
Location: Basingstoke
Salary: £38,000 - £42,000

About Us:

LG Motion Ltd is a UK-based manufacturing partner for electro-mechanical motion systems.

Established in 2004, we've built a reputation as a reliable and trusted partner, using our expertise to add value to the projects of our customers across a number of industries.

Role Objective:

Working within a fast paced, commercial environment, the role of the Senior Electromechanical Design Engineer is a pivotal role within the company. You will be responsible for the design, development and implementation of multiple products and systems across the business.

Your role will involve collaboration at all levels and with all departments to ensure the comprehensive delivery of key projects. You will ensure that all designs, whether generic or bespoke, are effectively communicated across the business as well as support other members of the team.

Key Responsibilities:

- The design of standard and custom products from concept through to production using CAD software to develop models and drawings as required and in conformance to BS8888.
- Adhering to and maintaining all design records in accordance with the company ISO accreditation procedures
- The validation of designs through calculation or feasibility studies based on sound engineering principles with analysis to include cost, performance, safety and timelines
- Generate parts information and BoM lists within the company database
- Discussing and resolving technically complex problems with manufacturers, suppliers, customers and within the business
- Liaise with production teams during manufacture and resolve any design queries
- Provide pre- and post-sales support in relevant product ranges direct to assist the customer
- Contribute to the development of the Design team including a willingness to act as a mentor to others and ensuring that all systems/processes are followed
- Be innovative and identify ways to work smarter and 'be better'
- Review processes and highlight improvements where appropriate
- Supporting and working towards the Company vision and values
- Ad hoc duties as required

Skills / Experience

Essential:

- Demonstrable experience of electro-mechanical design engineering
- Ability to design and detail from concept through to production using a recognised CAD package
- Experience with technical documentation, calculations and BoM entry through to manufacture
- Ability to work in a methodical and organised manner, keeping detailed records of all works carried out
- Excellent grasp of engineering & design principles
- Knowledge of quality and product compliance process
- Creative approach for generating new ideas and problem solving
- Good communication and teamworking skills to improve the business
- Proactive, can-do attitude with an ability to work on own initiative

Desireable:

- Degree/Foundation degree/HNC/HND in a related subject
- A working experience of BSI/EN standards to meet compliance requirements
- Experience of Project Management
- Understanding of manufacturing processes