



Mechanical Engineer (Automation)

Job Outline

We are Ashwoods Electric Motors – an innovative and rapidly-growing cleantech engineering firm based in the South West of England – and we make electric motors that are smaller, lighter, more efficient and cheaper than comparable incumbent designs. Our products are attracting global interest and we are now rapidly expanding to meet the requirements of our ever-growing customer base.

We are currently looking for a Mechanical Design Automation Engineer to join us in creating new manufacturing equipment to satisfy our increasing customer demands. The role will give successful applicants the chance to design creative and impressive solutions to meet our manufacturing needs. You will help develop initial concepts for new equipment and aid with the project planning. Create and implement machines utilizing modern fabrication methods to generate the best solution suited to the business's needs

Job Responsibilities

- Creating & working from design specifications
- Assisting manager / team with project planning
- Development and improvement of new & existing machines.
- Design and implementation of new equipment into the production lines.
- Installation, testing and commissioning of new equipment
- Testing & debugging issues.
- Ensure the mechanical design works in conjunction with all the pneumatic, electrical, PLC and safety systems.
- Aid with creating all required documentation to meet internal requirements as well as external ones (CE approval).
- Ensure all equipment complies with the required safety directives.
- Develop electrical bill or materials with schematics.
- Troubleshooting issues with existing installed systems (review, repair and redesign where needed).

Desired qualifications, skills and experience

- A degree in, or equivalent knowledge of, Mechanical Engineering, Industrial Automation.
- Extensive applied 3-D CAD experience, with SolidWorks the preferred package.
- Ability to troubleshoot equipment problems and generate innovative solutions.
- Work as an individual and as part of multi-disciplinary team
- Experience of designing new automated equipment, processes, procedures and systems within a manufacturing environment.
- Good analytical and development skills
- Excellent verbal & written communication skills
- Ability to interface with customers.



Personal characteristics

- Personal accountability
- Reliability
- Concentration and focus
- Pragmatism
- Good sense of humour
- Work as part of a team or alone
- Work to deadlines and respond effectively to customer requests.
- Strong time management skills

Salary & Benefits

- Competitive Salary and Pension scheme
- Participation in employee bonus scheme
- Outstanding quality of life
- 24 days holiday per year, plus bank holidays and opportunity to earn more days
- Flexible working available
- Staff social events

How to apply

If you think this job is for you then why not email us, briefly summarising why you'd be great for the role and including a copy of your CV, at work@ashwoods.org

Incidentally, if you're looking at us on behalf of a recruitment agency then thank you for your interest but we're already working with some wonderful people in the industry on an exclusive basis. Thank you.