



Senior Solidworks Design Engineer

An exciting opportunity has arisen for a Senior Product Design Engineer to join the Bailey Street Furniture Group in Adlington, Cheshire. The group are one of the UK's leading street furniture manufacturers, supplying high quality outdoor solutions, primarily to the construction industry.

You will be fully conversant with Solidworks 3D CAD, and will use the system to develop and communicate the technical and visual aspects of our products.

You will be familiar with, and have confidence in specifying a range of steel and timber structures, inclusive of the most appropriate fixing and finishing methods. These specifications will be informed by market research and customer enquiry, and evolve through concept sketches, GA drawings and rendered visuals, to full manufacturing packs with accurate BOM. You must be capable of developing an idea from initial design to finished, delivered product. You must complete this process with both a technical and commercial focus, making the most of your team's various key skills to provide excellent, value-added solutions.

You will have the added responsibility of managing the design team, delegating tasks and maintaining productivity and margin. This is an excellent opportunity for a designer looking for more responsibility and career progression.

Reporting to the Operations Director, the key deliverables of this position will be, but not be limited to:

- Help develop the CAD/Design department in:
 - Process efficiency
 - First time drawing accuracy
 - Priority scheduling
 - Best practice development and continuous improvement
- Support the group's design team to ensure the timely flow of work is maintained.
- Analyse existing products and manufacturing methods to increase quality and cost-effectiveness.
- Identify new product opportunities and offer solutions
- Support the sales teams in the creation of general arrangement (GA) drawings required during the quotation and order validation process.
- Support the operations team in the creation of detailed and accurate manufacturing drawings.
- Assist in the creation of marketing material for product literature, company website and targeted social media output.

The candidate must have:

- Knowledge of Solidworks 3D CAD (specifically weldments, sheet metal and drawings)
- 5 years' experience in a low-batch, high-variation manufacturing environment, although all applicants and backgrounds will be considered.
- Ability to communicate confidently with customers, suppliers and group staff.
- Self-motivation in personal and departmental development.
- Excellent technical aptitude in steel and timber fabrication.
- A creative approach to product design.
- A methodical, well-researched and pragmatic approach to engineering.
- Commercial awareness and a solid understanding of the cost implications of design decisions.

Advantageous:

- Solidworks official certifications as proof of software proficiency.
- In-depth knowledge of Solidworks custom properties, automation and API.
- Exposure to Solidworks Visualise Professional for creating high-quality rendered images and animations.
- Experience designing products for public spaces (street furniture, playgrounds etc.)
- Extensive experience designing for OEMs.