

STS – JOB OPENING

Job title: Design Engineer
Department: Engineering

We are looking to hire an enthusiastic skilled individual to expand our engineering team. The ideal candidate would be a creative thinker with a genuine interest in mechanical engineering. The candidate must have the ability to work on multiple projects at once, managing their time efficiently and effectively to complete set goals and tasks in a given time period. As part of a small design team, the role will include all aspects of product development, including design, analysis, and review, as well as technical file and instruction manual creation.

Job role / main responsibilities:

- Make updates and improvements to existing 3D designs and 2D drawings in SolidWorks, including actioning comments and feedback from our fabrication and assembly teams
- Work on new designs and projects, including liaising with customers about requirements, production of concept/approval drawings and production of engineering drawings
- Carry out engineering calculations and reports
- Working with an integrated PDM system through SolidWorks to maintain revision control on components and assemblies
- Liaising with suppliers regarding the suitability and procurement of select components, as well as the ordering of these parts
- Input of design BOMs into our manufacturing and stock inventory system, inFlow
- Production and compilation of technical files to accompany both new and existing machines
- Creation and modification of instruction manuals for our finished machines
- To learn and gain knowledge of relevant legislation relating to the supply of machinery, including the design of machines for use within potentially explosive atmospheres (ATEX)
- To produce hydraulic and pneumatic circuit diagrams

Qualifications / key skills:

- Minimum HND or undergraduate degree level qualification in Mechanical Engineering or similar
- Highly proficient in the use of SolidWorks 3D CAD software
- Proficient in the use of common Microsoft Office applications
- Able to work within a small team or on their own when required
- Strong attention to detail
- Proficient and accurate written communication skills (English)
- Motivated to expand and further develop their knowledge of engineering principles and practices
- Ability to multitask
- Strong communication and time management skills

Non-essential / supplementary skills and experience:

- Experience in a Design Engineer role or similar
- Knowledge of Product Data Management systems, including revision control
- A good knowledge or understanding of machinery standards
- Experience using a stock management system
- Knowledge of hydraulic and pneumatic systems and principles
- Knowledge of electrical systems and principles

The company:

We are a small innovative company focused on manufacturing specialist high-quality handling equipment; predominantly drum handling equipment. The company supplies equipment to various industries including Paint, Chemical, Pharmaceutical and Food. We manufacture products from steel and stainless steel with lifting capacities ranging from 50kg to 2000kg.

Salary:	£35,000 to £40,000
Start date:	As soon as practicable
Hours:	40 hour working week
Holidays:	31 days, including bank holidays
Location:	Leedstown, Hayle, Cornwall
Telephone:	01736 851050
Email:	zac@sts-trolleys.co.uk

Please apply in writing including your CV by email to zac@sts-trolleys.co.uk. Please include a cover letter detailing why you feel you are a good candidate for this role.