



Design Engineer

Teagle Machinery Ltd is a manufacturing business based near Chiverton Cross in Cornwall. The company sells agricultural machinery to customers in 50 countries around the world. The company's objective is to steadily grow the business, particularly overseas, with sales managers and/or agents in 5 key export markets.

Teagle continues to invest in its Research and Development (R&D) activities, simultaneously developing existing and new products across all its product ranges.

The Design Engineer role is critical to delivering new products and product improvements key to the growth of the company.

Role

Research new product ideas and methods.

Work with the sales and manufacturing teams to take customer product requirements defined in the project proposal and turn them into cost effective products that are reliable.

Improve existing products and processes.

Find creative design solutions to problems.

Researching whether the design will work and be cost-effective.

Using computer-aided design (CAD) and computer-assisted engineering (CAE) software to create prototype designs.

Ensure compliance with the industry's safety standards.

Supervise testing of prototypes, collecting and analysing data from tests.

Modifying designs and retest if needed.

Generate the engineering drawings and manufacturing data required to produce new and existing products.

Generate the information for end users.

Ensure products are user- and environment-friendly.

Manage the product design and release process; design changes; product compliance requirements and drive cost out of the process without comprising on product performance and quality.

Provide regular updates and highlight issues in a timely fashion to the Senior Design Engineer.

Maintain accurate records

Skills

Essential

- A recognised degree or similar level Agricultural or Mechanical Engineering qualification.
- Experience of using Solidworks CAD and PDM system user or equivalent.
- Good understanding of safety standards and environmental impact of a design
- IT literate and competent in the use of various software packages e.g. Microsoft Office

- Full, clean driving licence and current passport/travel document.
- Eligibility to live and work in the UK

Beneficial

- Mechanical design experience in manufacturing machinery.
- An understanding of the application of machinery in Agriculture
- Experience of an ERP system.

Personal Attributes:

- Meticulous attention to detail.
- Strong written & verbal communication skills with the ability to communicate at all levels of the business including customers.
- Self-motivated and the ability to motivate others.
- Flexible approach to working hours and travel when required.
- Conscientious and committed to achieve.
- Adaptable and decisive with good initiative.
- Able to remain calm under pressure, addressing issues in a timely manner and working to resolve them methodically.

Line Manager

Senior Design Engineer

Applications

Please submit a full c.v. with covering letter outlining your suitability for this role by e-mail to **duncan.wilson@teagle.co.uk** or by post to Duncan Wilson, Teagle Machinery Ltd., Blackwater, Truro, Cornwall. TR4 8HQ.