

PowerPusher®

If It Rolls... We Can Move It.™

Mechanical Design Engineer

Position: permanent, full-time

Salary: £37,000 - £42,000

About us

Power Pusher®, a trading name of Nu-Star Material Handling Ltd, is a UK based manufacturer of pedestrian-operated electric tugs.

We design and manufacture equipment that enables operators to safely push, pull and manoeuvre wheeled loads across a wide range of industries, providing an efficient alternative to conventional material handling equipment such as forklifts.

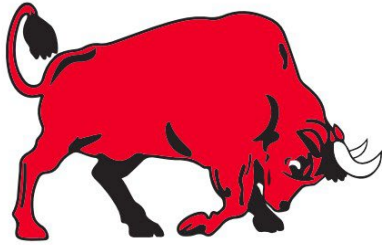
Our product range includes the original Power Pusher, Super Power Pusher, PowerTug, Electric Wheelbarrow, Trailer Mover and HD Trailer Mover. More than 80% of our products are exported to customers across Europe, the Middle East, Australasia and Africa, reflecting the quality, reliability and performance of our British-built solutions. Every product is designed, developed and manufactured in the UK.

The Role

We are looking for a Mechanical Design Engineer to join our team at our site in Derbyshire. This is a full-time, office-based role where you will be involved in the design and development of new products, while also supporting the continuous improvement of our existing range. Working closely with colleagues across engineering and production, you will develop innovative design solutions, produce detailed technical drawings and ensure products meet the required safety, quality and performance standards.

Key responsibilities include:

- Designing and developing new products and improving existing designs
- Producing detailed 3D models and manufacturing drawings using CAD (Solid Edge/NX)
- Developing mechanical systems and components for manufacture
- Assisting with the integration of electrical systems into product designs
- Working closely with production and other departments to ensure designs are practical and cost-effective
- Supporting customer-specific design modifications where required
- Ensuring designs comply with relevant standards and company requirements



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About You

We're looking for someone who has:

- Experience in mechanical design and product development
- Proficiency in CAD software, ideally Solid Edge or NX
- A sound understanding of mechanical engineering principles
- Knowledge of electrical systems and their integration into mechanical products
- Strong problem-solving skills and excellent attention to detail
- The ability to work both independently and as part of a team
- Good communication skills and the confidence to discuss technical concepts with colleagues
- A relevant degree or equivalent qualification in Mechanical Engineering, Product Design or a related discipline

Essential Experience

- Minimum of 2 years' experience working with sheet metal design
- Minimum of 2 years' experience using CAD software

Location: Ednaston, Derbyshire (office-based)

No recruitment agencies please.