



Kinesys Job Description

Mechanical CAD Designer

Who we are

We're at the top of our game. Serving the fast-moving entertainment industry, we design, manufacture and sell premium products that allow artists to express their creativity and push boundaries using eye-catching scenic motion.

Kinesys products have been used by some of the world's most successful artists including Ed Sheeran, The 1975, U2, Take That, One Direction, Mariah Carey... the list goes on. It's also used in TV shows, films, venues and at corporate events across six continents. We have a reputation for quality, design and service that is second to none.

What you'll be doing

Our customers come to us because we have a reputation for continuously challenging the industry to do things better, with innovation and excellence at our core. You'll be a key part of the team that makes this happen and helps us to keep pushing the boundaries.

Reporting to the Engineering Manager, you'll be collaborating with the Engineering team to capture the mechanical aspects of our existing and new products.

Our products include control consoles, rack-mounted electrical/electronic products, hoist & winch machinery conversions and related structural interfaces.

How you'll do it

- You'll create detailed and accurate 2D and 3D technical and manufacturing drawings using Autodesk Inventor and AutoCAD.
- You'll create the Bill of Materials and find alternatives for obsolete and out of stock components
- You'll work actively with our Production team and third-party suppliers to ensure your drawings transfer well to manufacture, creating necessary assembly documentation and seeking feedback to refine your designs and drawings
- You'll aid effective management of projects by confidently breaking down your activities into logical work packages ready for implementation on schedule
- You'll use your knowledge of modern methods in sheet metal manufacturing and CNC machining to design components for cost effective manufacture
- You'll work to recognised EN standards to achieve safe and reliable products ready for the rigours of life on the road in the demanding world of entertainment
- You'll effectively critique your work and that of your peers to eliminate errors to the best of your ability; you'll utilise our online issue tracking system to manage tasks and issues to conclusion.



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- You'll work with our Purchasing team to help select suppliers and obtain competitive quotations
- You'll make sure we do things right by developing and executing test plans, ensuring products are correctly labelled with relevant safety warnings, as well as aiding our Technical Author in documenting our mechanical products
- You'll collaborate with Electrical and Electronics Engineering team members to ensure effective electro-mechanical integration of prototypes and new products

Who you are

- You've got an excellence mindset, always aiming for *right first time*
- You're a fast learner and ask the right questions to extract the information you need
- You like structure and process and are a natural born problem-solver, but you're flexible enough to drop what you're doing and go where you're needed
- You're a details person, taking a focused and analytical approach to your work
- You take part and join in. You understand that you have a voice and enjoy collaborating with others to make things happen
- You're self-motivated and get a buzz from taking ownership of your work, delivering what's needed, on-time

Your experience and knowledge

- You've got solid, demonstrable experience with (preferably) Autodesk Inventor and AutoCAD for 3D design and modelling; however, if you have equivalent experience with comparable 3D systems e.g. SolidWorks then we're open to supporting your transition to our Autodesk world.
- You like getting your hands dirty and love getting involved in your own projects at home. Prototyping will be something that brings you pleasure.
- Experience of Corel Draw or equivalent package for silkscreen design and editing is an advantage
- You might have a degree in Engineering, Mechanical Engineering, Product Design, or Engineering Technology. Alternatively, you may have gained your expertise through a less conventional path
- You've got sound experience of using Microsoft Office
- You're comfortable balancing the demands of multiple projects when required

What you'll get here

- You'll get to be part of a company with technology at its core, working with brilliant people. You'll be inspired by them, and you'll learn fast
- You'll work on interesting projects and see your work in action everywhere from the gigs you attend, to the TV you watch
- You'll get 23 days holiday, increasing by one day per year of service to 25days (+ Bank Holidays).
- You'll also get Christmas Eve and New Year's Eve off every year, without fail



- You'll get an annual £200 Entertainment Fund to spend on concerts, theatre, or cinema, as well as the usual Childcare Vouchers, Cycle to Work scheme and contributory pension
- You'll get life insurance, disability insurance, employee assistance programmes and a health care cash plan
- You'll get access to our onsite gym and free parking