



Job Title – Senior Design Engineer - Permanent

Date position required:	ASAP
Reports:	None
Salary:	Competitive
Benefits:	Pension, 28 days holiday (+bank holidays), salary sacrifice
Site:	hofer powertrain UK, 2, Titan Business Centre, Spartan Close, Warwick, CV34 6RR
Applications required by:	
Application format:	CV and covering letter

hofer powertrain – Part of the hofer AG (Group)

hofer, established in the 1980's, is a privately owned, German based, automotive powertrain production design and supply company employing over 850 people within the Group. We work with many of the world's automotive OEMs, Tier 1 suppliers and automotive technology centres and have numerous powertrain components in production; including hofer designed electric motors and hybrid modules through to full dual clutch transmissions.

With numerous offices across Germany, Austria, Italy, America, China and the UK, hofer has a truly global presence allowing comprehensive support for powertrain system design and supply projects across all vehicle sectors.

- System supplier for complete automotive powertrain systems.
- Full electrical and mechanical capability from clean sheet through to quality accredited production.
- Specific sites setup to support many global OEMs.
- Production supplier for many of the current and future advanced powertrain systems and components.

As part of hofer groups global growth, and the continuing expansion of hofer powertrain UK, a vacancy has arisen for a Senior Design Engineer to join the Warwick office. Reporting to a project/functional Chief Engineer, hofer powertrain UK seeks a Senior Design Engineer with a minimum of 5 years' experience in transmission design.

The key functions of the role:

Participate in transmission concept studies and generate high level concepts for presentation internally and to customers.

Component and system level packaging studies to define constraints within existing and / or new powertrain / chassis architectures.

Component and system design, detailing and 2D drawings from prototype to production.

Adhere to internal and external design standards including GD&T.

Liaison with other hofer sites in order to co-ordinate design activities and ensure delivery is in line with customer requirements.

Support internal and external design and DMU reviews and chair if required.

Use appropriate quality and CAD based CAE tools.

Work closely with suppliers to ensure that parts meet requirements.

Assist with the preparation of BOMs and build manuals.

Release components, sub-assemblies and assemblies.

Support and evaluate the results of component testing with the development team.

Provide design input to support production and product planning.

Effectively communicate progress to the Project Chief Engineer and the wider team.

Qualifications / Education / Experience required:

Degree qualified (2:1 minimum) mechanical / automotive engineer.

A minimum of 5 years demonstrable experience in efficient, innovative and lightweight transmission and driveline concepting and design.

A high level of technical knowledge in transmission component and system design. Significant experience with casing design would be an advantage.

A good understanding of the testing that would be required to take a transmission into volume production.

Knowledge of prototype and volume transmission build methods, manufacturing techniques and design for service requirements.

Experienced user of 2D/3D CAD, preferably Catia V5.

Understanding of the different manufacturing techniques used in transmission production.

PC literate and able to confidently use MS Office products.



Other beneficial attributes:

Knowledge of the German language and experience working with German companies.

Personal attributes:

Exceptional attention to detail.

A positive attitude with a high level of self-motivation and self-reliance.

A willingness to operate outside their normal comfort zone.

Excellent team and communication skills.

Well organised and able to remain focused under pressure.