

Job Brief

Fastrac is JCB's high speed, full suspension tractor; a premium product bristling with technology and innovation. We are an Engineering team passionate about our products and customers with exciting product plans fuelled by sales growth. An opportunity has arisen for an experienced Senior Development Engineer to join the product engineering department within JCB Landpower, working on exciting and challenging vehicle programmes.

Role Title: Senior Development Engineer

Business Unit: JCB Landpower

Location: JCB Landpower, Leek Road, Cheadle, Staffordshire, ST10 2JU

Reference Number:

Role duties and responsibilities:

Reporting to the Test and Development Manager, you will join a highly focused, passionate engineering team, working principally on the most technologically advanced of JCB's products, the Fastrac.

- Leading test and development programmes to support new product introduction and sign-off.
- Carry out machine testing in specific test facilities or real-world environments as necessary, including some foreign travel.
- Problem analysis, data gathering and development to engineer solutions.
- This is a broad vehicle development role, with activities ranging from mechanical structural testing, drivetrain development, ABS braking development, tractor suspension development and hydraulic / pneumatic investigations.
- Creation of development test procedures and customer acceptance standards.
- Compilation of test and development reports.
- Design, commissioning and operation of test rigs.
- Fitting, calibration and operation of instrumentation as required.
- Supervision and mentoring of junior colleagues.
- Liaison with internal/external customers/departments, as required during projects.

About you:

You will be a competent, methodical engineer, self-motivated and demonstrate initiative, enthusiasm and a sense of urgency. Ideally, you will have a minimum of 5 years recent experience in a machine development role with knowledge of agricultural tractors but commercial vehicles, off road vehicles or military vehicles would also be considered.

The ideal candidate would have the following attributes:

- Education to degree / HND level in Mechanical or Agricultural Engineering, or equivalent experience.
- Preferably have an industry recognised professional registration (IEng, CEng etc)
- Experience of machine test programs and proficient in selection and use of instrumentation to gather robust data
- Computer literate with knowledge of relevant software packages advantageous.
- Experience in testing & validation of structural, driveline, hydraulic development in tractor systems
- Knowledge of hydraulics, CAN bus networks, multiplexing and vehicle harness architecture.
- Experience of compiling test reports as necessary to permit vehicle signoff
- Be a great team player, to join a focused team effort to meet demanding deadlines

What's in it for you?

To say thank you for your hard work, we will work with you to support your career progression and development. We will also provide a competitive salary, company pension scheme and access to medical insurance, dental care schemes and the company's healthy living centre alongside 33 days annual leave.

JCB: Building a Brighter Future

JCB is a truly world class, family owned business. We are proud of our achievements and recognise that future growth and success is shaped by the ambition of the JCB team.

If you are looking for a career with a business where people really count, look no further than JCB.

JCB is an equal opportunities employer. We value diversity and welcome applications from candidates from all backgrounds.