

CNH – Virtual Analysis Specialist

JOIN

What does the role entail?

Teammember in Finite element analysis validation team providing solutions to Crop Harvesting and Hay and Forage GPL customers. Advance virtual competencies while strengthening efficiency/effectiveness of physical testing methods via collaboration.

Key responsibilities:

- Perform FEA of the Agricultural harvesting product structure to determine design integrity and meet durability/cost requirements.
- Process and Analyze test data to correlate FEA results.
- Write reports and communicate results to design engineers and other team members
- Coordinate the site activities with his/her supervisor and the Central functional simulation team.
- Interact with product design engineers during development and testing phase for new program launches to ensure robust CNH designs and support meeting program dead line.
- Interact and support quality and purchasing groups within the company to resolve field issues, warranty claims and cost reduction projects.

Who are we looking for?

Experience required:

- Master's Degree in degree in engineering (Mechanical/Electrical/Agriculture) or equivalent through experience.
- 3+ years of relevant work experience in design engineering and finite element analysis (FEA).
- Familiarity with analysis tools, techniques and processes including fatigue analysis

Preferred qualifications:

- Ability to work in a cross functional team environment
- Strong problem-solving, teamplayer and communication skills (oral and written)
- Appreciation for critical customer concerns
- General mechanical aptitude
- Familiarity with laboratory test tools, techniques, and processes for correlation to FEA results
- Technical fundamentals of structural engineering, FE analysis theory and material properties Chassis or structural design experience
- Design/development experience with harvesting products or equivalent
- Creo/ TeamCenter/ MS Office experience
- Familiar with Hypermesh OptiStruct and ABAQUS

What do we offer you?

- Working at CNH means working in an environment where, thanks in part to its international character, numerous development opportunities are available. More than 2,500 people work at CNH Belgium's site in Zedelgem. Various departments are located at this single site, ranging from design—with an R&D center employing around 400 people—to production, service, dealer training, and all support departments.
- CNH Belgium in Zedelgem is also located in a traffic-free area and is easily accessible.
- We offer a very attractive salary package with numerous fringe benefits such as insurance, eco vouchers, meal vouchers, a cafeteria plan (Flex Ben), and no less than 20.5 working time reduction days on top of the statutory vacation days (in a full-time system).
- Are you as passionate as our people? Would you like to be part of a great team and help build the most innovative and largest agricultural machines on the market? Apply now!

<https://www.cnhindustrial.com>