**CNH Position Summary**

Through its people and brands, CNH Industrial delivers power, technology and innovation to farmers, builders and drivers all around the world. Each of its brands, including Case IH, New Holland Agriculture, Case and New Holland Construction, FPT Industrial, Capital, and Parts & Service, is a major international force in its specific sector.

**Job Title:** Mechatronic Innovation Engineer  
**Location:** New Holland, PA  
**Proposed position line P1**

**Position Summary:**

This position will support CNH's Agricultural Product Platforms via the Ag Innovation Plan. Specific functions include but not limited to developing innovative, cost effective solutions to customer needs which addresses the Ag Platforms medium and long term needs in the area of mechatronics. Lead and execute innovation projects, prepare and complete mechatronic designs, design reviews, FMEA, Clearly define and evaluate component and system costs versus achieved functionality. Complete test requests, and shop work orders, resolve field product integrity reports, and track progress. Willing to travel to gain product and functional experience and assist in the evaluation of the mechatronic systems in the field. Accountable to maintain project log on assigned tasks and work with team through development and implementation phases to meet timing. Communicate with the engineering team to coordinate the interrelated design and assure project completion following established design process. The individual in this position must be able to develop, maintain, and release necessary system specifications and documentation. This position will report to the Combine Innovation Manager but will work closely with various Ag Product Platforms and the technology innovation team.

**Primary Responsibilities:**

Work in team on activities that support CNH product platforms by developing innovative, functional features and systems that address future platform needs  
Review and understand technologies and trends that will influence medium term and long term product plans.  
Incorporate "advanced" processes and tools for product development.  
Transfer features and technologies to the Ag Platforms.

**Preferred Qualifications:**

Master in Mechanical, Agricultural, Mechatronic, Bio-systems engineering or Electrical Engineering 
Special interest and experience in robotics, automation, sensors, simulation or wireless communication 
Experience with Matlab, Simulink mechatronic toolsets. 
Experience with off road machinery requirements and operations is a plus 
Demonstrated skills pertaining to the development and integration of mechatronic systems required.  
Excellent verbal and written communication skills required. 
Expertise in data acquisition and analysis for the purpose of product or component development required.  
Ability to work independently and in a team environment required.  
Ability to provide local and remote field site support/analysis for own project and help others.  
Agricultural background is a plus.