



## Position: Design Engineer II

Farris Automated Systems LLC is a supplier of custom automated assembly equipment for the automotive, biomedical and general manufacturing industries. We offer complete turnkey systems from concept to installation. Farris Automated Systems employs a team of engineers, machinists and assembly workers in Wales, WI.

We are searching for engineers that can create new designs from a white sheet of paper. Every machine we make is created from the ground up. Your ideas will be combined with the customer's requirements and the rest of the FAS team.

### Job Description:

Mechanical design of automated equipment that requires the knowledge of cylinders, machining components, linkages, motors, HP, torque, valves and basic electrical controls.

### Requirements

- Independent and self-motivated worker
- 10 years of mechanical automation design
- 3 years of Solidworks or Creo (expert status)
- Knowledge of pneumatic circuits and sizing principles
- Motion using servo motors, linear drives and ball screws
- Machine frame design and welding principles
- Detailing of components and assemblies
- Ability to specify and pick out purchased components and vendors

The job will be non-repetitive in nature with 5-8 machines designed per year. The estimated job categories are:

- 60% CAD design and Drafting
- 20% Hands on assembly and building
- 10% Project Management, installation
- 10% Misc.

The estimated travel for the position will be less than 10%.  
Some weekend work will be required.

### Benefits:

- 2 weeks vacation, + holidays, + Flex Hours, comp time
- Job training on new technologies for current applications
- 401k, health insurance and profit sharing
- Relocation package available.