

## Machine Designer/Checker– Automotive and Non-Automotive (General Industry)

**Corporate Website:** [www.foriauto.com](http://www.foriauto.com)

### Company Overview:

Fori Automation is an expanding global supplier of welding, trim, chassis, & final automotive assembly equipment and **we are seeking a Machine Designer & Checker** for our headquarters in Shelby Twp. Michigan.

### Basic Function:

Mechanical concept, design and check of functional machines and tooling utilizing standards, specifications and line up information presented by the Engineering Manager, Supervisor or Leader.

### Duties and Responsibilities:

- Mechanical concept and design based on line up, specifications and part/vehicle data.
- Check machine drawings for function and dimensional correctness.
- Able to use standard or reference designs for creation of new designs.
- Prepare designs utilizing 2d and 3d CAD.
- Create accurate B.O.M.'s utilizing Made to Manage.
- Able to perform and document basic calculations to verify design integrity, such as beam stress calculations.
- Thorough knowledge of commercial technology used as a tool for creation of designs.
- Knowledge and proper use of materials and commercially available stock.
- Organizing and maintaining CAD files.
- Knowledge and use of Fori Standards.
- Knowledge and use of Industry Engineering Standards for construction and clarification of assembly drawing.
- Knowledge and use of Industry Standards for safety and ergonomics.

### Position Summary & Requirements:

- Experience in special machine design preferred.
- Must be experienced in 2D Autocad. Also must be experienced in either Inventor 3D, Mechanical Desktop or SolidWorks.
- Looking only for people who want a long-term career in mechanical engineering.
- Team Player who can work within an ISO9001:2000 environment.

### Position Includes:

Established and growing company offering competitive wages and benefits including:

- Opportunity for career growth and advancement
- Healthcare
- 401K
- Competitive salary
- Bonus eligibility
- Life Insurance
- Short Term Disability

### Wage Information

Full-time hourly position paying between \$20-\$35 per hour. Overtime, paid at time and one-half for all hours worked in excess of 40 hours in any workweek. Work scheduled on Sundays or holidays will be compensated at the rate of double time.