



## PRODUCT DESIGNER—Hourly

**COMPETITIVE HEALTH INSURANCE BENEFITS INCLUDING DENTAL AND VISION COVERAGE.  
401K PLAN WITH COMPANY MATCH, AND PROFIT SHARING PLAN.**

### RESPONSIBILITIES & QUALIFICATIONS

- Ability to work 40+ hours per week and overtime when required
- Ability to be self-directed and get the job done
- Create or modify new or existing designs to meet specific design requirements of EDO's or ECR's
- Handle special assignments to meet department needs
- Ability to support MBF Projects with a sense of urgency and accuracy
- Create new parts that may utilize new materials and methods when economically feasible
- Maintain current knowledge of product lines, materials, processes, and design techniques
- Evaluate existing products and department procedures in an effort to reduce their manufactured costs.
- Maintain accurate records of tolerance and stress calculations when completing a job
- Utilize and expand knowledge of tools provided by the organization including the MRP system, product development processes (APQP / PPRs) and CAD database management (Team Center)
- Implement concepts by providing layouts, calculation sheets, assembly drawings, and details
- Create product designs within manufacturing capabilities
- Engage with design reviews, suppliers and other departments that may influence design objectives
- Ability to design castings, forgings along with related machined parts is essential
- Ability to analyze existing products in an effort to reduce manufacturing costs through improved product design
- Ability to manage projects with a sense of urgency while engaging in several projects at once
- Ability to provide accurate and timely checking of others work
- Provide guidance to others in the design group with less experience
- Assists with other duties as needed and directed
- Ability to be at work ready to work on-time every day
- Able to work collaboratively in problem solving and project management
- Professional approach and communication with all personnel as well as suppliers and customers
- Demonstrated ability to keep department members and management informed of critical information
- Willingness to document tasks for backup personnel
- Demonstrated sense of urgency – results oriented.
- Adhere to department guidelines
- Follows company policies as well as department procedures
- Truthfulness, integrity, admits mistakes, consistent, keeps promises, credible
- Owns task or project, results driven, bottom-line oriented.

### EDUCATION & EXPERIENCE

- Preferred: Associates Degree in tool or product design
- Shall have basic knowledge of materials, processes and various design techniques.
- Basic understanding of the assembly process
- Proficiency in the use of geometric tolerances and how they apply to gaging and manufacturing.
- 5 years general design experience
- General background in machining practices
- Proficient in the use of 3D CAD (i.e. Solid Edge)
- Familiar with Windows and Microsoft Office
- Required: Team Center or PLM (Product Life Management) or PDM (Product Data Management)
- Required: Solid Edge or 3D CAD package

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## **PRODUCT ENGINEER (MECHANICAL/ELECTRICAL ENGINEER)—Salaried, Full-Time**

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### **RESPONSIBILITIES & QUALIFICATIONS**

The product engineer has the responsibility for the design and engineering development of integrated electric motor gear drive products. This development responsibility includes the investigation and implementation of new and existing technologies and methods of production.

- Provide technical direction and leadership for all assigned E-Trac and/or planetary research and development projects
- Development of program schedules with adequate detail to cover initial development through completion
- Provide program schedule updates and revision as programs proceed towards completion
- Coordinate the efforts and provide effective communication with all internal and external disciplines associated with the projects
- Provide adequate written documentation on all matters pertaining to the development projects, this includes design, build, and test orders
- Conduct investigation and provide recommendations on the use of new technologies as a solution to engineering and production problems

### **EDUCATION & EXPERIENCE**

- Requires a Bachelor of Science degree in Mechanical Engineering with electrical experience or a Bachelor of Science degree in Electrical Engineer with mechanical experience in the design and development of electric motor systems in commercial or industrial applications
- Must have good oral and written communication skills.
- Experience in mobile vehicle markets, preferably off highway
- Understand the electro-mechanical system and components associated with battery and/or generator powered vehicles
- Be able to understand and assist in developing a system to be applied to a particular application

The Product Engineer must have:

- Knowledge of applications of electric motors (DC/BLDC/AC motors), and the positives and negatives of each as applied to a particular application
- Experience with interfacing electric motors with mechanical gear driven components.
- Experience with controllers and I/O devices to drive electric motors and/or auxiliary equipment within a vehicle.
- Ability to evaluate application requirements and specify and/or develop solutions to design new products
- The ability to assist in vendor definition and development.
- The ability to assist manufacturing in designing systems to test products prior to shipping
- The ability to assist with the development of test procedures for E-Trac products in an engineering test lab

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**[www.auburngear.com](http://www.auburngear.com) 260.925.3200 400 E. Auburn Drive, Auburn, IN 46706**



## SENIOR MAINTENANCE TECHNICIAN-HOURLY

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### RESPONSIBILITIES & QUALIFICATIONS

- Electrical knowledge and troubleshooting abilities ranging from millivolt to 480V 3 phase. AC and DC power.
- Applied knowledge of Servo drives, Fanuc robots, CNC controls, PLC controls, furnace controls
- Background within a manufacturing environment. Knowledge of mechanical troubleshooting and associated repairs: alignments, parts replacement, machinery modifications
- Must be able to complete all repairs associated with machining centers, mills, lathes, etc.
- Troubleshoot and repair all hydraulic and pneumatic issues
- Experience with installation of equipment ranging from rigging for safe movement of equipment to connections to associated facility systems
- Perform preventive maintenance and repair machining centers and lathes
- Ability to read and interpret blueprints, electrical printouts and operation sheets
- Gain basic knowledge of 6S safety and ISO organizational standards
- Develop exceptional safety record and promotes good safety practices
- Detail oriented, professional attitude, reliable and a self-starter
- Ability to lift 40 pounds, with or without assistance
- Ability to accurately perform mathematical computations such as addition, subtraction, multiplication and division, also basic knowledge of percentages and decimals as related to manufacturing
- Maintain records on work projects completed; prepare written reports related to work assignments; document actions and present written progress reports
- Interface with all departments and levels of management
- Assists with other duties as needed and directed

### EDUCATION & EXPERIENCE

- High School Graduate or equivalent
- Journeyman level License and/or Associates degree in applicable field with a minimum of 4 years work experience
- Strong electrical knowledge across a wide spectrum of areas
- Mechanical aptitude
- Working knowledge of operating Bridgeport mill and engine lathes
- 1-3 years-experience in an industrial environment
- Forklift experience, preferred

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## **SENIOR CNC OPERATOR (NT'S)—HOURLY, 3RD SHIFT**

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### **RESPONSIBILITIES & QUALIFICATIONS**

- Maintains a thorough knowledge of the organization and adheres to all organizational standards.
- Successful candidate will become fully certified to routinely operate the NL-2500 lathes and NT 5-Axis Machining Centers.
- Operation and set-up of machining centers and lathes
- Understand CNC programs and recognize safe program restart points
- Willing to cross train in other areas of CNC Machining
- Train other operators to run and change over CNC equipment
- Ability to teach zero points and transfer positions on new part introductions
- Ability to step thru unfamiliar programs in controlled manner, and identify potential issues
- Solid knowledge of relationships between work offsets, geometry offsets, and wear offsets
- Ability to trouble shoot and step thru ATC issues and alarms
- Ability to change and maintain tooling
- Ability to operate and change over robot end of arm tools
- Ability to step robot thru program due to an interruption of normal production, or trouble shooting
- Ability to touch up points in robot programs as required.
- Ability to analyze and solve issues
- Ability to read and interpret blueprints and operation sheets
- Ability to read and understand gauges and other measuring devices
- Basic knowledge of 6S safety and ISO organizational standards
- Exceptional safety record and promotes good safety practices
- Detail oriented, professional attitude, reliable and a self-starter
- Ability to lift 40 pounds, with or without assistance
- Ability to accurately perform mathematical computations such as addition, subtraction, multiplication and division, also basic knowledge of percentages and decimals as related to manufacturing
- Able to meet specific deadlines
- Interface with all departments and levels of management
- Assists with other duties as needed and directed
- Be willing to identify and participate in continuous process improvements

### **EDUCATION & EXPERIENCE**

- 1-3 Years experience in operation and setup of Multi-Axis, Multi-Spindle CNC Machines
- 1-3 Years experience in operation and setup of Robots, preferably Fanuc
- 2-5 years experience in operation and set-up of machining centers and lathes
- 2-5 years experience in tooling change-overs
- 2-5 years experience using gauges such as micrometers and calipers
- Experience with bar code scanning regarding product movement, preferred
- Proficient in the operation and setup of NL-2500 lathes and NT Machines
- High school diploma or equivalent

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## PRODUCT SPECIALIST

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### SUMMARY

The Product Specialist will report to the Product Manager-Power Wheel Drive Systems and have responsibility for supporting the sales and marketing activities of the company. Candidate will have responsibility for preparing literature and product bulletins, service manuals, electronic and other communications with distributors and potential customers, implementing pricing changes, coordinating trade show arrangements, developing training materials, and assisting with updates for the Auburn Gear website. The successful candidate will have a four-year degree in Marketing, Communications, Engineering, Business or commensurate work experience. The candidate must have some experience in Sales and/or Marketing, a background in technical products is preferred. Experience in developing technical literature and bulletins, preparing training materials and good communications skills are necessary. Candidate must be well organized and consistently complete projects on schedule. Some travel may be required.

### RESPONSIBILITIES & QUALIFICATIONS

- To support Product Line Managers, Sales Managers and others within the department with the development and preparation of catalogs, product bulletins and other pieces of literature as needed.
- Assisting customers and potential customers with product selection, product installation, order follow up and other questions.
- To prepare and send product announcements, technical bulletins and other communications to customers. These may involve all product lines.
- Implement pricing changes for all product lines. This will include preparing new price lists and distributing new pricing data to customers.
- Coordinating trade show arrangements and follow up.
- Development of training materials and coordinating training presentations. This includes training presentations that are conducted at the customer's location, here at Auburn Gear, webinars or other format.
- Website enhancement-assist with website updates by identifying and preparing materials that can be posted on the Auburn Gear website.
- Assist with market research/analysis projects. This could involve gathering data on potential markets, potential customers or competition for any Auburn Gear product lines. It may also include Trotter development or other market analysis activities.
- To assist with and follow up on PPRs and other projects as needed.
- Assist with customer service activities as required.
- Other Marketing and Sales related activities that may arise.

### EDUCATION & EXPERIENCE

- BS or BA in Marketing, Communications, Engineering, Business or related field
- Minimum of two years in Marketing and/or Sales of hydraulic components, industrial related power transmission products or other technical products preferred
- Demonstrated project management skills and/or project management certification
- Must be capable of managing projects and completing them on agreed to schedules
- Must be capable of effectively working as part of cross-functional teams to achieve results
- Effective communicator at all levels of the organization and with customers
- Demonstrates a "passion for success"
- Must be well organized and capable self-managing multiple projects
- Results oriented
- Demonstrates high sense of urgency
- Must perform with a high level of accuracy

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## **MANUFACTURING ENGINEER/TOOLING DESIGNER—Salaried, Full-Time**

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### **RESPONSIBILITIES & QUALIFICATIONS**

- Ensure that all processes and actions provide for a safe work environment for all Company employee's and visitors.
- Analyze part prints. and develop CNC machine programs to yield a quality part. Determine the most efficient sequence of operations, and control the content of operational sheet changes based on Product Engineering specifications and document in product specifications. Specifications are to include information regarding machines, tools, and gages to be used for machining and inspection operations on forgings, castings, and bar stock.
- Prepare operational sheets and routings as required for new parts in a timely manner to Company standards.
- Check and approve machine processes prior to establishing production rates.
- Drive continuous improvement based upon Lean Principles. Participate in Lean events and teams.
- Utilize CAR's, and other processes to identify root cause and implement corrective actions and error proofing methods to address customer (internal and external) issues.
- Knowledgeable with SPC practices and performing capability studies.
- Participate in design reviews and work with PE on design changes in order to obtain maximum use of existing tooling, or more economical methods of manufacturing.
- Manage all tooling and gaging design needs for entire plant.
- Work with production and maintenance to maintain Plant Layout of shop floor.
- Provide necessary processing to make production parts from alternative materials as dictated by material supply.
- Communicate progress, projected completion dates, and results of all work being performed on special assignments and major projects by utilizing project management software and other computer software tools.
- Analyze prints and determine the most economical and practical methods of manufacturing a quality product, or recommend what equipment must be purchased to produce a new product when capability or capacity demands exceed the limitations of existing equipment.
- Maintain current knowledge of Company product line, materials, processes, and design techniques.

### **EDUCATION & EXPERIENCE**

- Bachelor's Degree in a relevant engineering discipline (Mechanical or Industrial). Associate's degree will be considered.
- Minimum of 5 years of experience in a CNC Machining environment
- Strong tooling, fixturing, and gage design experience
- Experience in CNC machine programming on mills lathes, and mill/turn centers using G-code and M-code a plus, but not required.
- Proficient with 3-D CAD/CAM software and a strong understanding of GD&T.
- A knowledge of FANUC Robots and/or Heat Treat and assembly processes a plus
- An understanding of Lean manufacturing techniques such as Kaizan, 5S, Value Streaming Mapping and error proofing practices preferred.
- Strong attention to detail
- Ability to work collaboratively in problem solving and project management; professional approach with all team members as well as with suppliers and customers
- Demonstrated sense of urgency—Results oriented
- Solid communication skills
- Able to multi-task

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# We're Hiring!



## **POWER WHEEL ASSEMBLY, 3RD SHIFT—Hourly**

### **ESSENTIAL FUNCTIONS**

Provide support to company advanced manufacturing needs

### **RESPONSIBILITIES & QUALIFICATIONS**

- Maintains a thorough knowledge of the organization & adheres to all organizational standards.
- Operation and set-up of assembling centers
- Ability to use and maintain air powered hand tools
- Ability to analyze and solve issues
- Ability to read and interpret blueprints and operation sheets
- Ability to read and understand gages and other measuring devices
- Basic knowledge of 6S safety and ISO organizational standards
- Exceptional safety record and promotes good safety practices
- Detail oriented, professional attitude, reliable and a self-starter
- Ability to lift 40 pounds, with or without assistance
- Ability to accurately perform mathematical computations such as addition, subtraction, multiplication and division.
- Able to meet specific deadlines
- Interface with all departments and levels of management
- Assists with other duties as needed and directed

### **EDUCATION & EXPERIENCE**

- 1-3 years experience in industrial assembly
- 1-3 years experience using gages such as micrometers and calipers, preferred
- Experience with bar code scanning regarding product movement, preferred
- High school diploma or equivalent
- Stand-up forklift experience, preferred



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