

**Our sister company  
RND Automation in Lakewood Ranch Florida  
is hiring!**

**Position: Mechanical Design Engineer**

**RND Automation, a rapidly expanding robotic automation, assembly & packaging equipment company is seeking a Mechanical Design Engineer for Florida's largest industrial automatic, robotics, and packaging machinery manufacturer in Lakewood Ranch, Florida.**

**Job Description**

The Mechanical Design Engineer works with a team of other electrical and mechanical engineers, to design, debug, and manufacturer packaging equipment and custom automation. To this goal, it is this positions responsibility to brainstorm mechanical concepts, create mechanical designs in 3D software, detail design parts, create a BOM for purchasing, analyze and correct redline prints, troubleshoot and debug mechanical designs, and determine material and component specifications based on job requirements. This requires following RND standards for both process and component selection, as well as helping to set/modify those standards with the team, when needed.

**Duties and responsibilities**

- Develop all aspects of the mechanical design, utilizing Solidworks or AutoDesk Inventor.
- Perform all calculations required to determine what components are required for the function of the machine.
- Detail manufactured/machined parts per RND detailing standards. Redline parts as requested from the assembly process.
- Keep current and apply all safety and mechanical regulations as required by the location of the machine as well as the customer's specifications.
- Select components for the machines based on customer standards, RND's standards, and per project proposal, using good practice and being conscious of project budget.
- Develop new procedures to reduce mechanical assembly phase timeline.
- Act as the technical liaison between design and assembly to solve technical problems related to mechanical design.
- Create mechanical bill of materials
- Perform test, de-bug and set up of devices
- Utilize proper design techniques and follow ANSI guidelines
- Work with assembly team to ensure designs are being assembled as intended
- Maintain and help to set standards for mechanical component selection and use
- Actively participate in project design reviews and huddles

**ADDITIONAL INFORMATION**

- Please apply to Marna Perkins at [mperkins@rndautomation.com](mailto:mperkins@rndautomation.com)
- Principals ONLY - No Recruiters Please