



HONEYBEE ROBOTICS

We may well be the coolest robotics company you've never heard of!

Honeybee Robotics is seeking a **Senior Mechanical Engineer** for our Phoenix, AZ facility

Position Summary:

Supporting (often remotely) robotic, mechanism and/or actuator development programs; someone who can apply their experience to solve problems in creative, insightful ways.

Responsibilities include:

- Mechanical design including precision machined parts, bearings, gears, motors, rotating mechanisms
- Generating fabrication documentation, mechanical drawings, assembly instructions and vendor specifications
- Overseeing critical machining suppliers via MRRs, sourcing and other inspections
- Assembly and test including environmental testing, shock, vibration and thermal
- Build of engineering and/or qualification units
- Design of tooling
- Developing budget and schedule inputs for Lead Mechanical Engineer
- Providing input for mechanical manufacturing processes and cells
- Facilities Support as required

Required Experience, Skills and Education:

- US Person (US Citizen or Permanent Resident)
- 10-15 years working with actuation systems, motion control, and/or complex electromechanical systems
- Demonstrable hands-on experience with all phases of development including requirements design, assembly, testing and product support
- Working knowledge of ANSI-Y-14M, but more importantly, understanding how drawing dimensions and tolerances affect a mechanical part's function and its performance in higher assemblies
- High degree of self-starting and ability to work independently
- Hands on knowledge of mechanisms, tolerancing, fits, surface finish, and machining operations
- Proficient with a variety of computer aided design tools
- Experience with highly regulated manufacturing environments (such as NASA or AS9100) is preferred
- BSME or Equivalent Experience

****This position is based in a satellite office so applicants MUST be able to work remotely on teams and manage multiple projects at a time. It will also include some travel to CA, CO and NY.**

TO APPLY: Visit our career site at <https://www.honeybeerobotics.com/about-us/careers/> or send your resume directly to jobs@honeybeerobotics.com and reference job number **PSO3** in the subject line.

We offer excellent benefits, including; medical, dental, vision; life insurance; STD and LTD insurance; FSA/HSA, 401(k), paid holidays, vacation pay, sick leave, and tuition reimbursement.

Honeybee Robotics creates specialty robots, electromechanical flight subsystems, automated drills and other machines destined for work on Earth, Mars and beyond. We make next-generation applications a reality through creative, collaborative engineering that combines the best minds with innovative technology.

Since 1983, we have completed more than 300 advanced projects for NASA, the US Department of Defense, academia and industry. Every Martian rover since 2003, has relied on systems built by Honeybee Robotics. Our passion for the planet continues as we work on future systems for Mars, planetary moons and asteroids.

Learn more about Honeybee at www.honeybeerobotics.com and our parent-company Ensign-Bickford Industries at www.ensign-bickfordind.com .

Honeybee Robotics is an equal opportunity employer and we value diversity at our company. We do not discriminate based on race, religion, color, national origin, gender, sexual orientation, age, marital status, veteran status, or disability status.