

## Mechanical Engineer – Entry Level

### Job Description:

- Create and modify mechanical system and component drawings and associated BOMs: concept, detailed design, and fabrication level)
- Generate and modify 2D and 3D designs using Solid Works and/or AutoCad
- Work together with sales team on development of system proposals and scope review (concept drawings, costing, etc.)
- Interact with a cross-disciplinary engineering team (mechanical, electrical, software, imaging) to review, define, and design industrial x-ray inspection and rework systems to meet requirements of worldwide customers
- Produce design calculations to verify design
- Potential travel to sister facilities within the US and in India, China and France to work with team on current or future projects, as required.

### Essential Skills:

- Degree in Mechanical Engineering.
- Superior written and verbal communication skills
- Experience in 3D CAD tools. Solid Works strongly preferred; AutoCad acceptable.
- Working knowledge of pneumatic controls
- Familiarity with motion control products and standard motor/gearbox components
- Strong mechanical and electrical aptitude and problem solving abilities
- Ability to work in a fast paced team oriented environment
- Must be highly organized and self motivated

### Non-Essential Skills:

- 1 to 3 years of experience designing electro-mechanical and/or material handling machinery and systems.
- Experience with machining disciplines and techniques desirable
- X-ray imaging system experience a plus but not required
- Proficient in Microsoft Office Suite of Tools

### Physical Requirements:

- Must be able to frequently communicate and exchange information in a team environment.
- Must be able to constantly operate standard office and industrial equipment.
- Must be able to occasionally move up to 50 pounds.
- Must be able to constantly work in a stationary position.

**This Job Description is subject to change at any time.**