



# Performance Feeders

## Mechanical Designer

1-2 years of experience or training in mechanical design using Solidworks software design required. Candidate must have a strong understanding of mechanical principles, excellent problem-solving and communication skills. Familiarity with manufacturing processes a plus..

### SUMMARY

The Mechanical Designer prepares conceptual layout drawings, detailed production drawings, and work order packages for the manufacture of custom automation equipment and robot integration..

**ESSENTIAL DUTIES AND RESPONSIBILITIES include the following. Other duties may be assigned.**

- Analyze quote package to determine the feasibility of the order.
- Confer with other design, production and sales staff to resolve issues with design concepts.
- Research supplier products for components to use in designs.
- Prepare layout and detail drawings of machines, using knowledge of company products, purchased products and engineering practices.
- Update drawings and documentation as needed during the approval process.
- Prepare the order for release to manufacturing, including production drawings, material lists, cut lists and requisitions for purchased components.
- Assist production staff with inquiries and problems encountered during manufacturing.
- Update drawings and documentation as needed to reflect changes made during manufacturing.

### REQUIREMENTS

- Proficient in SolidWorks design software.
- Proficient in Microsoft Windows and Office software (Excel, Word, Outlook).
- Familiar with industrial automation components (e.g. sensors, motors, linear and rotary motion products, vision systems).
- Able to research and quickly learn to use new products in designs.

### SUPERVISORY RESPONSIBILITIES

This position has no supervisory responsibilities.

### QUALIFICATIONS

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.



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## EDUCATION and/or EXPERIENCE

1-2 years of experience or training in mechanical design using Solidworks design software required..

## LANGUAGE SKILLS

Able to read and interpret documents such as safety rules, operating and maintenance instructions, and procedure manuals. Able to write routine reports and correspondence. Able to speak effectively before groups of customers or employees of organization..

## MATHEMATICAL SKILLS

Able to work with mathematical concepts such as fundamentals of plane and solid geometry and trigonometry.

## REASONING ABILITY

Able to define problems, collect data, establish facts, and draw valid conclusions. Able to interpret an extensive variety of technical instructions in mathematical or diagram form and deal with several abstract and concrete variable

## PHYSICAL DEMANDS

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is regularly required to stand, sit, walk, talk, and hear, as well as use hands to handle products and different materials. Occasional kneeling and lifting up to 25 pounds is necessary. Specific vision abilities required include close vision and ability to adjust focus.

## WORK ENVIRONMENT

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Works indoors in an office atmosphere. Occasionally works in a manufacturing environment with exposure to moving mechanical parts and a moderate noise level

**Job Type:** Full-time

**Pay:** \$28.00 - \$30.00 per hour

### Benefits:

- Dental insurance
- Flexible spending account
- Health insurance
- Health savings account
- Life insurance
- Paid time off
- Referral program
- Retirement plan
- Vision insurance