



Prototype & Production

SYSTEMS INCORPORATED

JOB TITLE **Mechanical/Electromechanical Drafter**

LOCATION **Minneapolis, Minnesota**

DESCRIPTION **Opportunity:**
The Mechanical/Electromechanical Drafter is responsible for designing, developing, improving, and updating the DICE high speed single pass inkjet printing systems. As a key member of the design team, the drafter works with our engineering and design teams to build CAD models and electrical schematics for the production of the DICE industrial inkjet system. These models and schematics are critical to improving our production process, reducing build time, improving purchasing and quality of our manufactured products. As a key part of a small team, this individual will have direct influence on the success of projects that are core to the business.

Duties will include:

- Assist Designers with generating solid parts and drawings for custom machined parts on new project builds
- Create assembly drawings for production assistance as well as customer support use
- Provide production support on physical assembly and make continuous improvements to design changes or feature additions
- Work with electrical engineers to understand electrical requirements of the machine, and interface with electrical schematics

POSITION REQUIREMENTS

Education/Experience:

- Bachelor's Degree in Mechanical Engineering, Electrical Engineering or equivalent required

Candidate Qualities:

- Demonstrates excellent productivity while developing detailed parts and prints
- Shows strong ownership and accountability for their work, highly driven/motivated
- Ability to communicate effectively both verbally and in writing to team and manufacturers
- Capable of working both individually and as part of a multidisciplinary team

Required Skills/Experience:

- Proficient with SolidWorks, Pro-E, AutoCAD, NX, or similar 3D modeling software
- Experience creating and interpreting solid parts, assemblies, and drawings
- Ability to model a physical part from scratch, or incorporate a new part into an existing model
- General assembly knowledge, machining skills a big plus

Preferred Skills/Experience:

- Familiarity with revision control software and best practices
- Understanding of electrical schematics and ability to assist in generating them
- Experience operating within, and developing, SOPs, methods, processes, best practices and influencing the way work gets done is highly desirable
- Ability to influence others in the adoption of new technologies, processes, concepts and approaches is highly desirable (ability to "sell an idea")

ABOUT THE

PPSI has been in business as a custom automation solution since 1991, primarily working on highly



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ORGANIZATION

custom and technical machines for companies like 3M and Siemens. Recently, PPSI has seen a large demand for high speed digital inkjet printing systems. PPSI is responding to this market demand by switching from building primarily one-off custom machines to more standard products with less custom design. Because PPSI is a small company that is growing quickly, there are opportunities to make a large impact from day one, with the ability to modify your work to focus on your passion.

Benefits of Choosing PPSI.

- Close proximity to uptown/downtown Minneapolis
- Fun and inviting company culture
- Full health benefits including dental
- Fully vested 401k matching program
- Competitive market wages
- Opportunity to work on the world's finest digital inkjet printers and other cutting edge custom automation equipment