

CAD Systems & Design Automation Engineer

(SolidWorks Power User)

Location: Tripoli, Greece

Company: Ergoseal

About Ergoseal

Ergoseal is a U.S.-based engineering and manufacturing company specializing in advanced sealing solutions for rotating equipment. Our products include **mechanical seals, PTFE rotary seals, magnetic seals, and non-contacting seals** used in demanding industrial and aerospace applications.

Headquartered near Chicago, Ergoseal is expanding its European engineering presence in **Tripoli, Greece** to support product development, engineering systems, and operations.

We are seeking a **CAD Systems & Design Automation Engineer** who is passionate about CAD tools, engineering systems, and automation.

Position Overview

This role is ideal for an engineer who enjoys working deeply with **SolidWorks, engineering systems, and design automation**.

The CAD Systems Engineer will own and continuously improve Ergoseal's **SolidWorks and PDM environment**, helping engineers work faster and more efficiently by building better tools, workflows, and automation.

This role will collaborate closely with Ergoseal's engineering team in the **United States** and help build the engineering systems foundation for a growing international engineering organization.

Key Responsibilities

SolidWorks & CAD System Ownership

- Manage and continuously improve Ergoseal's **SolidWorks environment**
- Maintain CAD templates, standard components, and design libraries
- Organize assemblies and part structures for consistency and reuse
- Support implementation and maintenance of **SolidWorks PDM**

Design Automation

- Develop **SolidWorks macros and automation tools**
- Build parametric models and configurable design templates
- Improve drawing generation workflows
- Identify opportunities to automate repetitive engineering tasks

Engineering Systems Development

- Improve engineering workflows between design and manufacturing
- Support revision control and engineering documentation processes
- Help establish standards for drawings, part numbering, and file structures
- Ensure engineering data is organized, accessible, and reliable

Engineering Knowledge & AI Systems

- Help organize Ergoseal's internal **engineering knowledgebase**
- Structure engineering data and CAD models for future **AI-driven engineering tools**
- Tag and structure engineering information to support knowledge retrieval and automation
- Support development of engineering documentation and best practices

Qualifications

- Bachelor's degree in **Mechanical Engineering or related discipline**
- Strong experience with **SolidWorks**
- Strong interest in CAD systems, automation, and engineering tools
- Fluent English required for collaboration with U.S. engineers
- Strong attention to detail and systems thinking
- Competency with **Microsoft Office products**, including **Excel, Word, and Outlook**
- Ability to **touch-type efficiently**

Preferred Experience

- SolidWorks assemblies and configurations
- CAD automation, macros, or scripting
- Experience with **SolidWorks PDM**
- GD&T and manufacturing drawings
- Engineering data management systems

Ideal Candidate

The ideal candidate is someone who:

- Loves working with **SolidWorks and CAD systems**
- Enjoys building tools that improve engineering productivity
- Is curious about automation and design systems
- Wants to help build the engineering infrastructure of a growing company



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Why Join Ergoseal

- Work with an **international engineering team**
- Build advanced engineering systems and automation tools
- Contribute to technologies used in **industrial and aerospace equipment**
- Help shape the future engineering infrastructure of a growing company

Compensation

Competitive salary based on experience.

How to Apply

Submit your resume to:

careers@ergoseal.com