

Mechanical Designer

STIWA US INC.



Rock Hill, South Carolina

Are you a creative problem-solver with a passion for bringing complex machinery to life? We are looking for a detail-oriented Mechanical Designer to join our engineering team. In this role, you won't just be drawing parts; you will be the architectural backbone of high-performance automation systems, taking projects from initial concept to the final start-up phase.

» Your Duties

- Concept to Creation: Design mechatronic systems and components for cutting-edge automation machinery.
- Precision Engineering: Develop comprehensive drafts and detailed 3D CAD designs.
- Technical Liaison: Manage technical clarifications with suppliers and parts manufacturers to ensure design feasibility and quality.
- Analytical Rigor: Perform project-based product calculations and cycle-time analyses to optimize machine performance.
- Documentation Excellence: Generate precise technical drawings, Bills of Materials (BOMs), and detailed assembly instructions.
- Hands-on Support: Occasionally move from the desk to the floor to support assembly, start-up work, and the finalization of machine documentation.

» Your Profile

- Education: An Associate's or Bachelor's degree in Mechanical Engineering.
- Software Mastery: Strong CAD skills with proven experience in industry-standard design software.
- Technical Depth: 2–5 years of experience applying machine design principles and mechatronic integration in a professional setting.
- The "Designer's Mind": Exceptional creativity, critical thinking, and a natural ability to solve complex mechanical puzzles.
- Precision & Ethics: High levels of accuracy, diligence, and a keen sense of cost awareness.
- Ownership: The ability to self-manage time, act reliably, and take full responsibility for project outcomes.
- Collaboration: Excellent communication skills, with the flexibility to work as a self-starter or a collaborative team player.

» Our Offer

- We offer competitive pay and an exciting and versatile job opportunity while working in a motivated international team in a family-owned industrial business incl. thorough training.
- Ample benefits (Health insurance package, regular activities) after 2-month probation period
- Paid vacation
- Room for career development and skill expansion
- Salary Range: \$32 - \$36 Hourly
- This position is fully onsite in Rock Hill, SC, Monday - Friday.



Join Our Growing Team in Rock Hill, SC!

STIWA Group is a global leader in high-performance automation, with core expertise in Automation, Automotive Supplier Production, and Software. As a family-owned company with over 2,200 employees worldwide, we combine innovation with a strong team culture.

Our U.S. subsidiary in Rock Hill, SC is growing— and we're looking for motivated individuals to grow with us.



Ready for the next step?

To apply, please send your resume, including certifications to:

jobs.us@stiwa.com