

Employer: Savannah Global Solutions, LLC

Job Title: Manufacturing Engineer

Job Location: Pembroke, GA

Job Duties:

- Troubleshoot new or existing product problems involving designs, materials, or processes related to forestry and agriculture equipment.
- Supervise production through strong background managing fabrication, CNC machining and material processing, and large equipment assembly in a job shop environment.
- Identify opportunities or implement changes to improve manufacturing processes or products or to reduce costs, using knowledge of fabrication processes, tooling and production equipment, assembly methods, quality control standards, or product design, materials and parts.
- Provide technical expertise, support and training to production personnel in new or existing product manufacturing.
- Determine the materials, parts, equipment, tools, and processes needed in order to achieve manufacturing goals according to product specifications.
- Apply knowledge of product design, fabrication, assembly, tooling and materials; confer with equipment vendors where necessary.
- Review product design and manufacturability through manufacturing documentation that includes producing and improving bills of materials, drawings, and procedures for fabricating, machining and assembling new equipment orders.
- Purchase materials, equipment, or other resources.
- Apply continuous improvement methods, such as lean manufacturing, to enhance manufacturing quality, reliability, cost-effectiveness and inventory control.
- Determine root causes of failures or recommend changes in designs, tolerances, or processing methods, using statistical procedures.
- Communicate manufacturing capabilities, production schedules, or other information to facilitate production processes.
- Keep equipment operational by coordinating maintenance and repair services; following manufacturer's instructions and established procedures; and requesting and organizing special service where necessary.
- Design and implement quality control standards in material processing, machining, fabrication and new equipment final assembly.

Job Requirements:

Job requires High School diploma or equivalent.

Job requires 2 years of experience working in the field of agricultural or forestry equipment design and manufacturing.

Job requires experience with the following:

- Experience as development and design engineer for custom products.
- Providing engineering services to assist with new industrial product development.
- Agricultural equipment support and design including the design of complex fertilizer application equipment, land preparation equipment, road maintenance equipment, fire prevention equipment, infield haulage equipment, silage trailers, and general-purpose farm and construction trailers.
- GPS electric drive system design for fertilizer and chemical applications with schematic drawings for assembly.
- Mechanical drive 3D CAD design and manufacturing drawings for fertilizer and chemical dispensing systems.
- Subsoil applicator 3D CAD design and manufacturing drawings.
- Tillage equipment 3D CAD design and manufacturing drawings.
- Grass and fire prevention equipment 3D CAD design and manufacturing drawings.
- Hydraulic drive system CAD design and assembly schematics.
- Infield support and training for product start-ups.
- Design and manufacturing of custom auger conveyors, drives, and transmissions.
- Design and manufacturing of custom diesel transportation bowsers with dispensing pumps, filtration, and flow meters.
- On site breakdown services for repairs.

Job may require approximately 3% of time spent traveling to client sites in the Southeastern United States.

Full-time: 40 hours/week

Contact: Qualified applicants should email cover letter and resume to:
msauer@savannahglobal.com