



MACHINE BUILDER

LOCATION: Shelbyville, Indiana

TYPE: Full-time

Come work at Capital Industries, Inc., a leading firm in our industry providing custom robotic and automation solutions, material handling and test systems, and contract manufacturing services.

Due to growth, we are looking to hire an experienced Machine Builder. If you are innovative and passionate about what you do, Capital Industries is an ideal place to work. Apply today!

JOB OVERVIEW

As a member of the Machine Building Team, you will work alongside our Project Managers, Mechanical/Electrical Engineering, and Fabricators to plan, organize, and execute all phases of a machine build for industrial machinery and equipment both at Capital's build facilities and at customer locations.

Job Responsibilities

- Organize, plan, and execute all phases of machine build
- Assemble, debug, modify, and install custom designed special purpose machinery
- Integrate purchased mechanical components, manufactured details and sub-assemblies to construct automated machinery for custom applications
- Perform critical precision alignments and set-ups of mechanical components and systems and take measures to ensure integrity of set-up
- Install pneumatic components and sub-systems as per supplied schematics and specifications, plumbing, testing and optimizing system performance for cycle time and equipment durability concerns
- Identify any technical issues with supplied materials, components and equipment
- Identify and correct mechanical deficiencies in the build and accurately document as-built changes
- Work with engineering, electrical, and controls departments to see jobs through to completion
- Participate in equipment tear down and packaging at initial assembly site and reassemble and test at customer site as required
- Identify all tools, fasteners, miscellaneous items and equipment required to complete tasks efficiently and work with Project Manager to secure all required material in a timely manner
- Lead machine debug effort
- Adhere to company's safety policies to create a safe work environment for employees

Job Competencies

- Journeyman tenure or related experience as toolmaker/machine builder
- Demonstrated experience in building equipment utilizing the following technologies: robotic systems, high speed index transfer (dial, indexing chain, walking beam etc.), pneumatic actuators, servo motors and actuators, hydraulics, power transmission
- Familiar with modern electrical controls technologies as they apply to automated equipment (e.g. PLC's, HMI's, safety devices, and instrumentation)
- Strong mechanical aptitude and troubleshooting skills as applied to machinery and equipment
- Capable of using milling machine, lathe, surface grinder
- Ability to weld common metals (MIG/TIG) encountered in machine building a plus
- Skilled in the use of rigging equipment including cranes and forklifts
- Knowledgeable of Machinery Safeguarding Principles and Standards as it applies to production work cells – ability to identify shortcomings or deficiencies and correct
- Good working knowledge of pneumatic/hydraulic control circuits
- Ability to work overtime as required
- Assist with equipment installation and start-up at customer sites on occasion
- Proven ability to perform under strict time constraints; flexibility and adaptability to work long hours or alternate shifts when project schedules dictate

Education and Experience Requirements

- High School Diploma or equivalent
- 5+ years' experience in machine building preferably automotive related with experience in a high speed manufacturing environment a plus

We are looking for candidates who –

- value reputation,
- are innovative,
- are passionate about what they do,
- embrace change, and
- are team players.