



Tool Maker – FT Career Opportunity:

We are growing and need a skilled tool maker to work closely with engineering and production areas to ensure the efficient and effective delivery of tooling and dies. The tool & die maker will be the master of his area and machines and therefore needs to enjoy working independently, sourcing what is needed from the teams, collaborating, and ensuring that the machine shop is running efficiently so that the assembly department is never without parts. You are your own quality assurance (QA) and take pride in mastering the exacting requirements requiring working in .0001" tolerances. You will learn the unique requirements of this key role from the current master tool maker during your first few months with ongoing support as needed.

Job title: **Tool Maker, Tool & Die Maker**
Location: Carlsbad, California
Type: Full Time permanent
Shift: Monday – Friday: flexible between 6:20 am to 4:50 pm
Pay Rate: Competitive based on experience and qualifications
Bonus: Profit sharing based on contribution and tenure
Benefits: Comprehensive including health, dental, HSA, 401k, education, and personal tool reimbursement.
Start date: September 14, 2020 or earlier

Signing or relocation bonus

The Company:

Mercotac is experiencing expanding global demand for its unique proprietary technology and has recently expanded its leadership team in addition to making extensive adaptations for new health safety standards. We are well established and take pride in our strong culture of collaboration, innovation, quality products, and work/life balance. Our employees are our most important asset and our commitment to their growth and their ability to serve their own families is demonstrated in our long-term tenure and almost nonexistent turn over. We ensure that everyone shares in our collective success through an employee profit sharing that rewards contribution and longevity. Our mission is to grow our product lines while maintaining high quality products to serve our worldwide distributors and clients.

The Job:

Complete assigned projects from the engineering department regarding assembly production tooling, jigs, die set punches, production machinery tooling, cutting tools, new product prototype parts, and all related tooling requirements for the on-going and any newly developed production processes and equipment utilized in the manufacturing of Mercotac's products.

To be Successful:

- Requires minimum 7 years of related experience.
- Determine the methods and procedures for making tools, tool and die parts, and other requirements as needed.
- Able to visualize the tool needed, draw it up, or use Solid Works and or AutoCad if trained, to determine the specifications required and document the tooling.
- Able to analyze a machine problem to get it working, resolve breakage or tolerance issues.
- Enjoys working independently but being an integral part of the team.

- Good at planning to manage your time, ensure that future requirements are anticipated, and to be able to address urgent needs promptly.
- Experience on a broad range of equipment and materials as outlined in detail below.

Details of the job & skills required:

- Set up and operate conventional (manual) machines such as lathes, milling machines, and grinders to cut, bore, grind, or otherwise shape parts to prescribed dimensions and finishes. Programming and use of CNC machine tools a plus but not required.
- Set up and operate drill presses or mills to drill and tap holes as needed for tool fabrication.
- Smooth and polish flat and contoured surfaces of parts or tools, using scrapers, abrasive stones, files, emery cloths, or power grinders.
- Study blueprints, sketches, models, or specifications to plan sequences of operations for fabricating tools, dies, or assemblies.
- Verify dimensions, alignments, and clearances of finished parts for conformance to specifications, using measuring instruments such as calipers, gauge blocks, micrometers, and dial indicators.
- Visualize and compute dimensions, sizes, shapes, and tolerances of assemblies, based on specifications.
- Sharpen or make (grind) tungsten-carbide machine cutting tools or inserts.
- Help design and then build jigs, fixtures, and templates for use as work aids in the fabrication of parts or products.
- Develop and help design new tools and dies (a plus if able to use computer-aided design software).
- Understand the application of tool steels and the hardening processes. Be able to use a small heat-treating furnace to hardened tools not sent out to a hardening service.
- Position and secure parts on surface plate or worktable, using devices for example vises, V-blocks, and angle plates. Fit and assemble parts into assemblies or mechanisms, using hand tools.
- Develop specifications from general descriptions and draw or sketch the tool to be fabricated, using drafting tools or if trained a CAD program
- Be able to stand for long periods of time while operating machinery and capable of lifting 50 lbs.

How to Apply:

Send your resume and a brief description of why this opportunity sounds like a good fit for you.

Note: If you are only interested in part time work and you have extensive experience, please do apply.

Send to: Steve Duquette (steve@mercotac.com)

We will arrange phone interviews with top applicants. Final interviews will be onsite at Mercotac in Carlsbad, CA.

Thank you.