



APPLIED ENGINEERING, INC.

Setting the Pace with People, Products, and Performance

Capabilities

We specialize in high speed machined metal components to close tolerances. We offer major savings for our customers who may be buying costly investment castings, die cast items, or purchasing machined components from a typical machine shop. We machine all items from high quality materials, and once integrated into our processes, we are able to hold down costs as no additional setup costs are required. In comparison to castings, we can incorporate engineering changes quickly at minimal costs, offer short start up times without expensive die investments or die maintenance costs, and provide a consistent, high quality product. With our systems approach to machining, work in process and cycle times are minimized, again reducing costs.

Our experienced programming staff can import various 3-D model formats (Iges, STEP, Parasolid, etc.) directly from your engineers. We use your 3-D model to program both the machines for production as well as for inspection. This greatly reduces the time it takes us to get your product out to the production floor. Our first article reports are automated to be created directly from the inspection report which improves accuracy and availability. We also can take a motionless two dimensional print and create a dynamic three dimensional model converting legacy prints to a modern computer graphical representation of your part.

We have been at our current location since 1984, and have grown our business to 160,000 square feet. We are focusing on technology, in particular automation, to maintain our “world class” status in the precision machining industry. The first Flexible Machining System was installed in 1987. Since then we have added significantly to our equipment base and are continuously growing with the addition of new capacity each year. We have the ability to handle parts from 1/4” to 35 cubic inches, with any order size.



We have more than 80 CNC machines in our facility for various machining operations to fit the needs of our customers. These machines are operated by a highly skilled workforce as well as robotically loaded. For a complete list of equipment and capabilities please contact us.

We also have a complete tool room and proto typing cell that allows us to focus on maximum utilization of our production equipment in support of reduced lead times.

Other operations:

- CMM and Vision inspection systems for quality inspection and first articles reporting
- NADCAP Accredited Painting facility oven cure
- NADCAP Accredited Chromate Conversion Line including Rohs capabilities
- Silkscreening
- Helicoil and Hardware installation as well as Part Assembly
- Form-in-place gasket application
- Part Marking/Pad Printing
- Specialized Packaging and Shipping

Outsourced operations include nickel, silver, tin, gold plating Types I, II & III anodize, E-coat & powder coat paint and NDT. Outsourced operations can be performed by NADCAP or AS9100 approved sources when required.

Our quality system is certified to the ISO9001 and AS9100 standard. We also obtained our NADCAP (National Aerospace and Defense Accreditation Program) Chemical Processing accreditation for our chromate conversion line and painting facility.

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