

Engineering



Experience. Quality. Leading Edge Technology.

Design for Manufacturability (DFM) – CMD – Precision Manufacturing Group's team of engineers are readily available to work with your team to provide exceptional component design support.

- We begin this process by understanding your product requirements and how this information translates into appropriate part design changes. Subtle alterations can make the difference between machining success and a project that takes months to 'develop'.
- Speed to market is always key... but be wary of those manufacturers that do not ask for or suggest changes in the design.
- Higher quality input leads to a higher quality outcome – teamwork is a crucial component of effective DFM.
- The key to successful project execution and cost containment / minimization is the early involvement of CMD – Precision Manufacturing Group's team (e.g.; prognostic design consideration and development leads to the creation of robust machining processes).
- Our engineering software systems include multiple CAD/CAM platforms and tool path optimization software systems.

Design and Analysis – Prototype Development through Production Manufacturing – From additive manufacturing through machined prototypes, we support our customers development needs and translate the lessons learned into the production phase of each program. We utilize the same resources, tooling and equipment for prototype efforts as well as the go-forward production manufacturing.

We Provide:

Precision Machining:

- Wire and sinker EDM
- CNC machining
- Grinding
- Hard milling
- Turning / Swiss machining

Fully Automated CNC and EDM Machining Cells

Component Qualification:

- First article inspection
- Capability studies
- Process validation



Division of Custom Mold & Design

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