



## MANUFACTURING AND PROTOTYPING



# PM&AM RESEARCH

PHYSICS, MATERIALS, AND APPLIED MATHEMATICS RESEARCH, LLC

The PM&AM manufacturing and prototyping facility is located in Tucson, AZ. PM&AM Manufacturing's mission is to provide prototype to production machining services. Our staff has over 20 years of technical experience and expertise in Optomechanical, High-Vacuum, Aerospace, and Research Support fabrication. PM&AM Manufacturing has the capability to work with an extensive variety of materials. We look forward to assisting you with your manufacturing challenges and requirements

### MANUFACTURING CAPABILITIES AND EQUIPMENT

- » Fadal 4020 Vertical Machining Center with Ridgid Tapping and Servo Coolant upgrades
- » Mori Seiki 4 Axis CNC Lathe with Live Tooling, Sub Spindle, and 3 inch thru bore
- » Manual lathe with 12" diameter and 32" length capacity
- » Manual milling machining with 9" x 36" table capacity
- » Sinking EDM machine with 12" x 20" table and 18" x 24" tank capacity
- » Material processing / sawing capacity to 6"



## TUCSON, AZ

Lasers / Optics / Directed Energy / Prototyping

## COLLEGE STATION, TX

Aerospace Sciences / Wind Tunnels

## KONA, HI

Energy / Sustainability / Ocean Applications

### CONTACT

For questions, comments, consultation in solving complex physical, computational, or mathematical problems, or with assistance in developing a system or process, please contact us at:

[info@physics-math.com](mailto:info@physics-math.com)

Scan us for more information!



Founded in 1998, PM&AM Research specializes in basic, focused, and applied research in support of:

- » National Defense
- » Environmental imaging/monitoring/exploration
- » Biomedical applications
- » Renewable energies and sustainability
- » Manufacturing
- » Other technologies critical to maintaining a domestic advantage

The multi-faceted PM&AM Research team is capable of solving complex cross-disciplinary problems. Our unique blend of computational, analytical and experimental expertise allows us to develop new technologies and product lines for each project we pursue.

*The PM&AM Research team's greatest strengths are flexibility and responsiveness, and we approach each project from a unique vantage point.*

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