



MANUFACTURING CO., INC.

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**QUALITY PRECISION MACHINING AND
MANUFACTURING SINCE 1968**



-CNC MILLING



-CNC TURNING

-WIRE EDM

**-PRECISION
CYLINDRICAL &
SURFACE
GRINDING**



**-SANDBLASTING
& POLISHING**

-CMM INSPECTION

16

-TOOL & DIE



**-MANUFACTURING
& ASSEMBLY**

**-OVER 40 YEARS
EXPERIENCE**

Our commitment to quality begins with our employees and the equipment they use!

We are proud of the talent and experience that our employees bring to the table. ARC doesn't depend on "button pushers" to get the job done! We rely on craftsmen who know their trade. From our programmers, machinists and tool makers, to our inspectors, there is pride, integrity, and experience each step of the way!

New equipment:

Arc is continually looking ahead to the future to improve quality and efficiency.



Our new Brown and Sharpe MicroHite DCC CMM has a measuring volume of 17"x19" by 15.5" high, with PC-DMIS software. It is a great complement to our Mitutoyo BHN-710 CMM which has a volume of 27"x39" by 17.7"high, and was recently upgraded with MCOSMOS software, which is also PC-DMIS compatible. Both CMM's have custom reporting, so customers can review electronic or hardcopy printout report of measurement data for their parts.

ARC Mfg. combines 40 years of experience and know-how with a progressive attitude towards machining. We are always investing in new equipment, continually improving efficiency and quality, but without abandoning the tried and true principles and practices that have made us a dependable resource to our customers.

Another addition is our Mitsubishi MH60En Horizontal Milling Center.

It has a Fanuc 18i Control, and a 40hp 50 taper spindle With 24.8"x 24.8"



Pallets. A good combination with our Mitsui-Seiki & Toyoda horizontal mills.



Mazak Integrex 400IVS

Our latest investment is our Mazak Integrex 400 IV S integrated CNC turning/milling center with (2) 15" chucks and KM63 turn/mill spindle. Main spindle is stationary, second spindle moves for chuck to chuck operation with .0002" repeatability.

Quality Assurance

ARC services some of the most demanding industries. For over 30 years, we've machined and assembled parts for the commercial nuclear industry. Our quality system is to NQA-1 standards (10CFR50), and we are audited periodically by our customers and outside auditing teams to those standards.

Every gage and piece of equipment that we use to qualify product is labeled, calibrated at regular intervals, and documented in our GagePak system.

Our inspection personnel have their vision tested annually, and their proficiency and training is maintained and documented.

Here are a few of the industries that ARC serves:

- Industrial Gas Equipment Manufacturing
- Commercial Nuclear Power Generation
- Medical / Pharmaceutical
- Food Handling Equipment
- Aerospace
- Electrical Equipment Manufacturing

Company Overview

- Located just outside Philadelphia in Bucks Co.
- Established in 1968 and has over 40 years of machining experience
- Supplier of precision components, fabrications, completed assemblies and special machinery
- Internal Quality Program to NQA-1 standards, maintaining documentation, calibration, and quality control procedures
- Re-invests in state-of-the-art equipment for productivity and quality gains
- Management is accessible and involved
- Experience with a wide range of materials such as inconel, monel, titanium, and a full range of stainless steels
- Experienced and conscientious workforce that takes pride in quality and efficient performance
- We always have the right machine for the job!

*Mazak Integrated CNC turning/milling centers that turn and mill in one set-up

*Charmilles and Mitsubishi wire EDM's

*DMG 5-axis machining center for high speed precision machining

*CNC horizontal mills with pallet shuttles for large quantity production runs

*Berthiez CNC VTL with live tooling and 22,000 lb. table capacity

*Mitutoyo BHN710 with MCOSMOS and Brown and Sharpe DCC with PC-DMIS for CMM inspection

*Cylindrical, rotary, and surface grinding

*Centerless grinding

Plus a full range of manual lathes & mills, honing and polishing equipment, in-house tool grinding, welding, sand blasting, sawing, and drilling.

**Visit our website @
www.arcmfco.com**