

Precision Machining & Fabrication



- Fabrication
- Certified Welding
- Quality Control



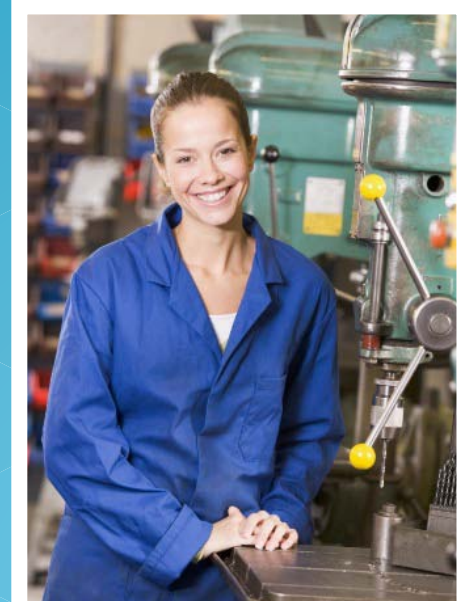
ISO 9001:2008 Certified
www.adc9001.com



ADC USA, Inc. is a leading manufacturer and fabricator of precision equipment and welded parts, for custom design build or build-to-print applications. With our 22,000 square foot manufacturing facility, ADC USA, Inc. has extensive experience with prototyping and large part machining used both robotic welding and manual welding in MIG and TIG and mesh welding for wire products and computer aided manufacturing machines, and CNC machining equipment. We are experienced in welding aluminum, carbon steel, and stainless steel materials.

ADC USA, Inc. Core Competency:

- 22,000 square foot manufacturing facility
- CNC Turning and Machining
- Vacuum Brazing
- Software Development
- Fabrication Specifications
- Virtual Prototyping
- Welding & Fabrication
- Ultra-High Vacuum Manufacturing
- Detailed Design
- Component Design
- Tooling Design
- ASME Certified Welders for Steel, Stainless Steel and Aluminum



Tooling Design



CNC Machining Operation



Welding & Fabrication

We use precision equipment to verify each order and are committed to delivering precision machined parts. We are very proud of our shop and the capabilities we can offer because of our state-of-the-art precision CNC milling and CNC turning machines. Equipment used for inspections are a Brown & Sharpe CMM, a Jones & Lamson Optical Comparator, and an extensive selection of gages. We ensure calibrations are performed and are traceable to meet your standards. We are experienced in welding aluminum, carbon steel, and stainless steel materials. We also have complete resistance welding, also known as spot welding capabilities.

Machining:

- HASS VF5
- HASS VF3
- HASS TL-1
- HASS TM2
- Harrison Lathe
- Enco Lathe
- Drill Press x2
- Acer Vert. Mill x3
- Enco Vert. Mill
- Wells Index Mill
- Lucas boring Mill
- Wysong Shear
- EncoBandsaw
- Grab Bandsaw
- Kaeser Air Compressor
- Peerless Bandsaw

Welding and Fabrication:

- Miller Tig Welder
- Miller MIG Welder (350P & 251)
- Resistance Welding / Spot Welding
- Gas Metal Arc Welding (GMAW) / Metal Inert Gas (MIG Welding)
- Gas Tungsten Arc Welding (GTAW) / Tungsten Inert Gas (TIG Welding)
- Mesh Welding

Benefits of TIG Welding

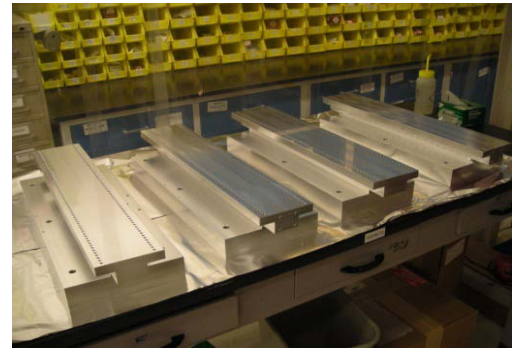
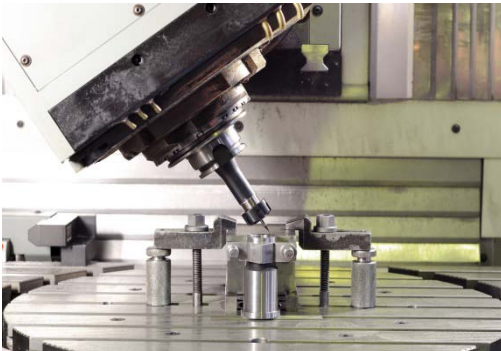
- Superior quality welds
- Welds can be made with or without filler metal
- Precise control of welding variables(heat)
- Free of spatter
- Low distortion

Benefits of MIG Welding

- All position capability
- Higher deposition rates than SMAW
- Less operator skill required
- Long welds can be made without starts and stops
- Minimal post weld cleaning is required

Benefits of Mesh Welding

- wires resist movement
- it is much faster than traditional welding
- it is a high quality low cost spot welding solution



Certificates & Codes:

ISO9001:2008 Certified

ITAR Certified/Compliant

DUNS: 008373446

CAGE: 1GUS9

NAICS Codes: 334516 / 541330 / 541690 / 541712 / 332119 / 332322 / 332510 / 332710 / 332721 / 332722 / 332994 / 332999 / 336413 / 339999

FSC Codes: 1560 / 1620 / 1680 / 1730 / 2090 / 2995 / 5140 / 5341 / 5342 / 5365 / 5895 / 5975 / 7125 / 8140

Systems and Procedures:

CAD Systems

Quality manual

Operational procedures

Quality Records and Forms

Work Instructions

Product Specifications

Corrective Action Reports

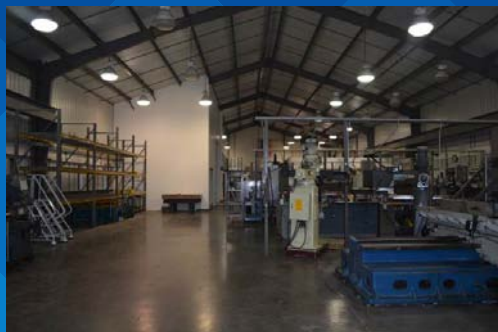
Management Review Reports

Customer Complaints

Continuous Improvement Program

Calibration Records

Engineering Change Notice (ECN)



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