

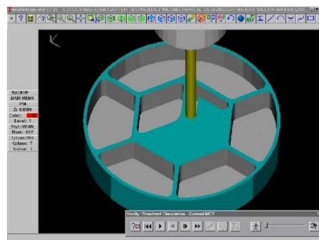
Capabilities Sheet

McCarter Machine

is a full service, start to finish, precision machine shop that specializes in rapid turn arounds for Commercial, Industrial, and Government entities. Our goal is to provide rapid and reliable precision work to enhance our customers systems in a measurable way.



Custom Replication



CAD/CAM Design



New 5-Axis Water Jet
5'x10'x12" Capacity



Small to Large, McCarter will get the job done.

McCARTER
MACHINE A Division of MZA

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McCarter operates a 10,000 sq. ft. clean, fully-equipped facility 15 minutes east of Houston Texas with separate cleanroom, manufacturing, laboratory, etching, welding, painting, and conferencing areas.



Capabilities

- New Precision 3D 5 Axis Water Jet
 - Cutting Capacity of 5'x10'x12" thick material.
- Turnkey Manufacturing of Precision Parts to Customer Specifications
 - Manual Lathes, Mills, Grinders, Saws
 - CNC Machining
 - 3 & 4 Axis Mills 3 Axis Lathe
 - Small to Medium Diameters/Lengths
 - PSQ Shaft
 - Flanges, housings, rings
 - Shaft straightening up to Ø17" x 10' L
 - Common and Exotic Alloys, Plastics, Ceramics, Aluminums, etc
- Hold Close Tolerances
 - +/- .0001" diameters
 - 1/4 arc second angles
 - Standard 8 RMS finishing
- Dynamic Balancing up to 500 lbs
- In-House MIG/TIG/Stick Welding
 - Aluminum, Stainless, and Other Steels
- Large or Small Run Manufacturing
- Troubleshooting
- Fabrication & Fit Check of Assemblies
- Field Installation and Troubleshooting
- Material Substitution Analysis
- Proficient in Solid Modeling
- Technical Drawing Packages
- High Quality Vendors for Heat Treat and Coatings
- Fixtures for Manufacturing and Shipping
- Machinery Retrofitting
- Concept Analysis for Manufacturability
- Prototype Development, Testing & Evaluation