



Precision Engineered Industrial Machining



Max3, LLC
360 Urbandale Avenue
Benton Harbor, MI 49022



DUNS: 080800588
CAGE: 5GJ71
UEI: YDWREKCRLLT9
EJCP Certification# 0088001



CAPABILITIES STATEMENT

WHO WE ARE

Maximum Mold Group is four tool and die companies led by a "Women-Owned Small Business" with over 30 years of experience successfully providing high-quality, dependable machined parts and components to the DOD and the private sector. We are a GSA Approved Vendor, ITAR Registered, NIST (SP) 800-171 Compliant, and ISO 9001-2015 Certified/Registered. Other key differentiators include our custom design with in-house 3D CAD/CAM drawing, strong reverse engineering capabilities, and 2018 Lead-Time Leader Award.

CORE COMPETENCIES

- 3D Design/Prototype and Molding
- Design and Engineering 3D
- 3D Capabilities/Printing/Modeling
- Laser Scanning
- Reverse Engineering
- Prototype Design/Molding



DOD PERFORMANCE



- **U.S. Department of Army** – Developed simulated F16/ITAR – \$2M – Feb. 2019 – Mar. 2022
- **U.S. Department of Air Force** – Arnold Engineering Development Complex – Airborne system – ITAR \$1M – 2019 – 2021

PRIVATE SECTOR PERFORMANCE



- **University of Notre Dame** – Turbo Machinery Lab – Developed parts and components for commercial aircraft – \$5M – Jan. 2013 – Current
- **SpaceX** – Developed components for flight – \$2.5M – Apr. 2020 – Current
- **Whirlpool Corporation** – \$3M – Developed machined parts and components for appliances – Sept. 2009 – Current

OUR SERVICES

Large CNC 3 and 5 Axis Machining

- Lathe turning with 4 Axis
- Laser Welding
- Weldment Manufacturing
- Glass Encapsulation
- Blow Molding/Thermoset/Thermoplastic
- Compression Molds
- Die Cast Dies/Trim Dies
- Plastic injection Dies
- Production and Assembly

Complete CMM Inspection/ Sampling/ Tryout

- CMM Inspection Reports / 4D Inspections
- Steel Polishing/Heat Treat
- Sampling/Testing and Tryout

PRIMARY NAICS CODES

- 332710 - Machine Shop
- 333517 - Cutting Tool & Machine Tool Accessory Manufacturing
- 332312 - Fabricated Structural Metal

SECONDARY NAICS CODES

- 332721 - Precision Turned Product Manufacturing
- 333248 - All Other Industrial Machining Manufacturing
- 333511 - Industrial Mold Manufacturing
- 333514 - Special Die/ Tool, Die Set, Jig/Fixture Manufacturing
- 333517 - Machine Tool Manufacturing
- 333519 - Rolling Mill/Other Metalworking Manufacturing
- 333998 - All Other Misc. General Purpose Machinery Mfg.
- 336110 - Motor Vehicle Manufacturing
- 541420 - Automobile Industrial Design Services
- 811210 - Electronic Precision Equipment Repair & Maintenance

CONTACT US

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NON-DESTRUCTIVE INSPECTION AND PRECISION METROLOGY

- Inspection
- Machine (CMM) Dimensional Inspection
- 4D Inspection
- Precision Measurements
- Coordinate Measuring

WELDING AND ADDITIVE REPAIR

- Welding (Vibration, Laser, Electron Beam, Directed Energy Deposition)

NON-DESTRUCTIVE INSPECTION AND PRECISION METROLOGY

- Machining and Manufacturing, Gundrilling/Holepopping
- 5 Axis-precision machining and grinding CNC/EDM

ADDITIVE SERVICES

- 3D Scanning
- Prototyping
- Sampling/Tryout

COATINGS AND CORROSION PREVENTION

- Shop painting
- Surface removal and preparation

ENERGY, ENVIRONMENTAL, HEALTH, AND SAFETY

- Ergonomic power tools
- Recycling media

ENHANCED INSPECTION

- Circuit analysis test equipment
- Scanning and measuring tools
- Inspection (tanks & voids)- CMM
- System isolation and tagout
- Radiological surveys
- Wiring (UH 60V specific)

RELIABILITY IMPROVEMENT

- Tool repair

MISCELLANEOUS

- Cold cutting technologies
- Round cold cutting tools
- Computer-based training –CNC-5 Axis
- Tool Maker – On-Site Support
- Machining products

BUSINESS PROCESSES AND PARTNERSHIPS

- Logistics
- Heat Treat
- Intercept packaging