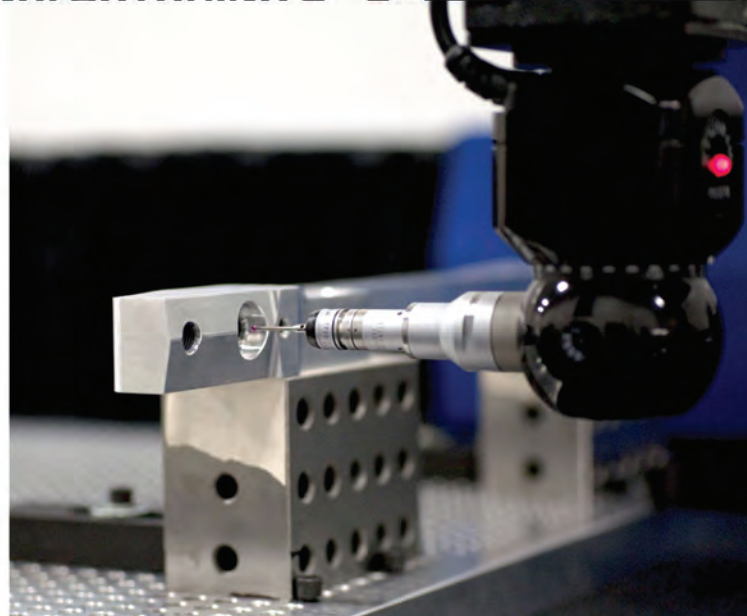


EXPERTS IN MANUFACTURING SOLUTIONS



KEY COMPANY INFORMATION

- Founded in 1986 by Dr. Richard Zic
- AS9100:2004 Rev C & ISO 9001:2008
- Cage Code: 3M9M2
- Duns No: 147527295
- Over 230 Employees
- Multiple Manufacturing Locations in Illinois
- Total Square Footage: 250,000+
- Core business includes contract manufacturing for the:
 - Aerospace & Defense Industries
 - Medical Industries
 - Renewable Energy Industries



Dynomax provides advanced engineering and manufacturing solutions to support the emerging needs of defense and civil sector customers worldwide.



DESIGN:

- Research and Development
- Material and Metallurgy Consultation
- Feasibility Analysis
- Engineering Consultation
- Prototyping
- Application Consultation

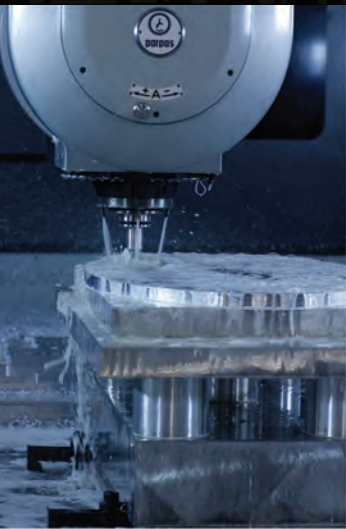
MANUFACTURING:

- Precision Machining
- Production Components and Assemblies
- Injection Molding and Tooling
- Industrial Automation
- Specialty Machine Design and Manufacture
- Machine Tool Spindle Design, Manufacture and Repair
- Metal Finishing
- NDI/NDT

PERFORMANCE:

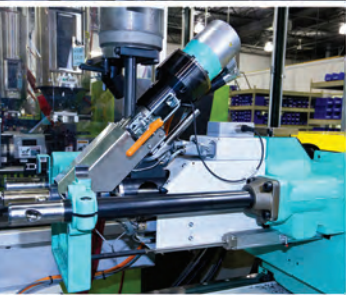
- Advanced Quality Systems and Processes
- Focus on Continuous Improvement
- On-time Delivery and Cost Efficient





PRECISION MACHINING

- Aluminum
- Hard Metal: Titanium, CRES, Specialty Super Alloys
- 3,4,5- Axis Machining
- EDM Machining
- Turning
- Grinding
- Broaching
- Slotting
- Micro Machining
- Large Envelope (23' x 13')
- Internal Metal Finishing: Chromic Acid Anodize, NDI/NDT



INJECTION MOLDING & CUSTOM TOOLING

Dynomax Inc. is a leader in high precision molding of all grades of thermoplastics and thermosets, both common and exotic. We have extensive experience with silicone, proprietary composites, and high glass content plastics.

Core capabilities include:

- Tight tolerances of ± 0.0002 "
- 38 to 110 ton capacity
- 0.6 to 7.6 ounce shot sizes
- Micro injection units for near 100% accuracy and repeatability
- Horizontal and vertical servo-electric and advanced two-stage hydraulic presses
- Integrated 6-axis robotic automation with repeatability of ± 0.0012 "
- Wide variety of plastics: Silicone, PEEK, LCP polyesters, fluorosilicone, pps, abs, nylons, polycarbonates, Epiall®, epoxies, proprietary composites and more



SPINDLE DESIGN, MANUFACTURE & SERVICE

With an extensive engineering background, Dynomax is not just a spindle supplier. Our in-depth technical knowledge of the complete spindle assembly allows us to provide our customers with spindles that perfectly match their unique applications.

Motorized Spindles:

- High Speed
- Asynchronous 3 phase motors
- Synchronous 3 phase motors (*Continuous torque through power range*) permanent magnet
- Cartridge, flange, base, barrel, foot mount
- CAT, BT, HSK, Boring Nose, Collet, Special, Big Keiser
- Liquid cooled, air vortex, ambient
- 230/400/460V

VFDs:

- 0-1600 Hz
- 0-200+ HP
- Ethernet, Profibus, Hard wired/ Analog

