

"What sets Advance Turning & Mfg apart are our people and our process: highly skilled employees passionately dedicated to continual improvement, unerring quality, and on-time delivery"


-John J. Macchia, CEO



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PRECISION MACHINING



AEROSPACE

MEDICAL

ADDITIONAL MARKETS

"Advance Turning & Manufacturing is committed to provide its customers with quality products and services that are continually measured and improved to meeting or exceed customer expectations."

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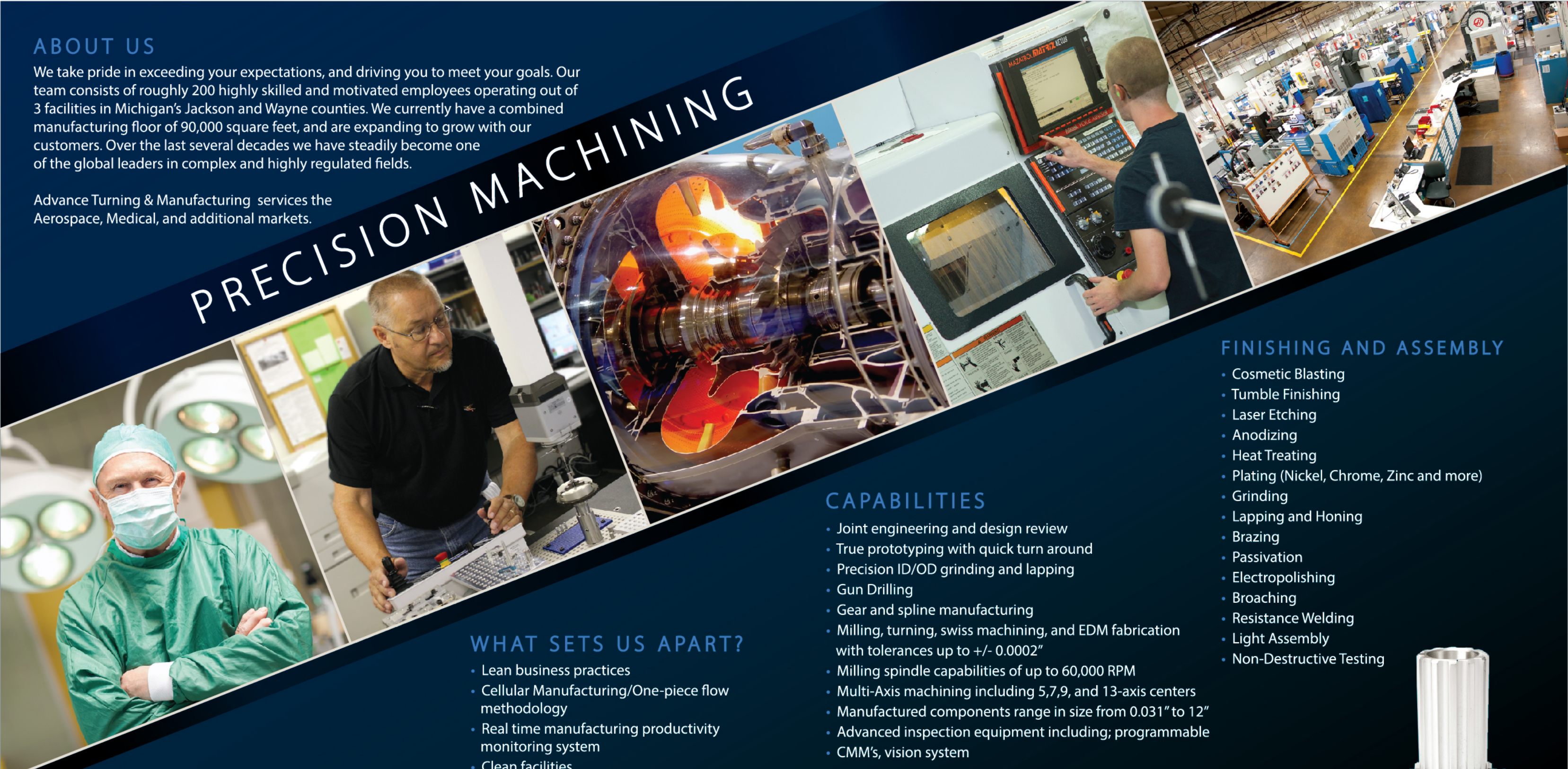


ABOUT US

We take pride in exceeding your expectations, and driving you to meet your goals. Our team consists of roughly 200 highly skilled and motivated employees operating out of 3 facilities in Michigan's Jackson and Wayne counties. We currently have a combined manufacturing floor of 90,000 square feet, and are expanding to grow with our customers. Over the last several decades we have steadily become one of the global leaders in complex and highly regulated fields.

Advance Turning & Manufacturing services the Aerospace, Medical, and additional markets.

PRECISION MACHINING



TECHNOLOGY

- Programmable Zeiss CMM's
- OGP vision system
- Electronic, single and multiple port air bore gages
- Surfometer
- Laser micrometer
- Microscopes
- Bore scopes
- Optical Comparator
- Tracer
- Hardness Tester

WHAT SETS US APART?

- Lean business practices
- Cellular Manufacturing/One-piece flow methodology
- Real time manufacturing productivity monitoring system
- Clean facilities
- Business practices based on strategic planning
- Supply Chain Management
- Quality Management Systems/Process Validation
- State of the art ERP system
- Customer focus teams
- AS 9100C (ISO 9001:2008) & ISO 13485:2003
- Family owned and operated since 1972

CAPABILITIES

- Joint engineering and design review
- True prototyping with quick turn around
- Precision ID/OD grinding and lapping
- Gun Drilling
- Gear and spline manufacturing
- Milling, turning, swiss machining, and EDM fabrication with tolerances up to ± 0.0002 "
- Milling spindle capabilities of up to 60,000 RPM
- Multi-Axis machining including 5,7,9, and 13-axis centers
- Manufactured components range in size from 0.031" to 12"
- Advanced inspection equipment including; programmable CMM's, vision system

MATERIALS

- Aluminum
- Titanium
- High Nickel Alloys (Inconel, Monel, Hastelloy)
- Stainless Steel
- Plastics
- Forgings, castings, stampings and extrusions

FINISHING AND ASSEMBLY

- Cosmetic Blasting
- Tumble Finishing
- Laser Etching
- Anodizing
- Heat Treating
- Plating (Nickel, Chrome, Zinc and more)
- Grinding
- Lapping and Honing
- Brazing
- Passivation
- Electropolishing
- Broaching
- Resistance Welding
- Light Assembly
- Non-Destructive Testing



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