

Michigan Manufacturing International (MMI)

Delivering World Class Manufacturing Solutions

MMI designs the most effective, highest quality solutions from anywhere in the world to meet your needs. MMI draws manufacturing capabilities from all over the world, including the United States, China, India, Korea, Vietnam and Malaysia.



We work with you to manufacture or source the products your projects require, including:

Assemblies ● Castings ● Machined Parts ● Stamping ● Plastics ● Bushings
● Bearings ● Weldments ● Gears ● Pulleys ... and more

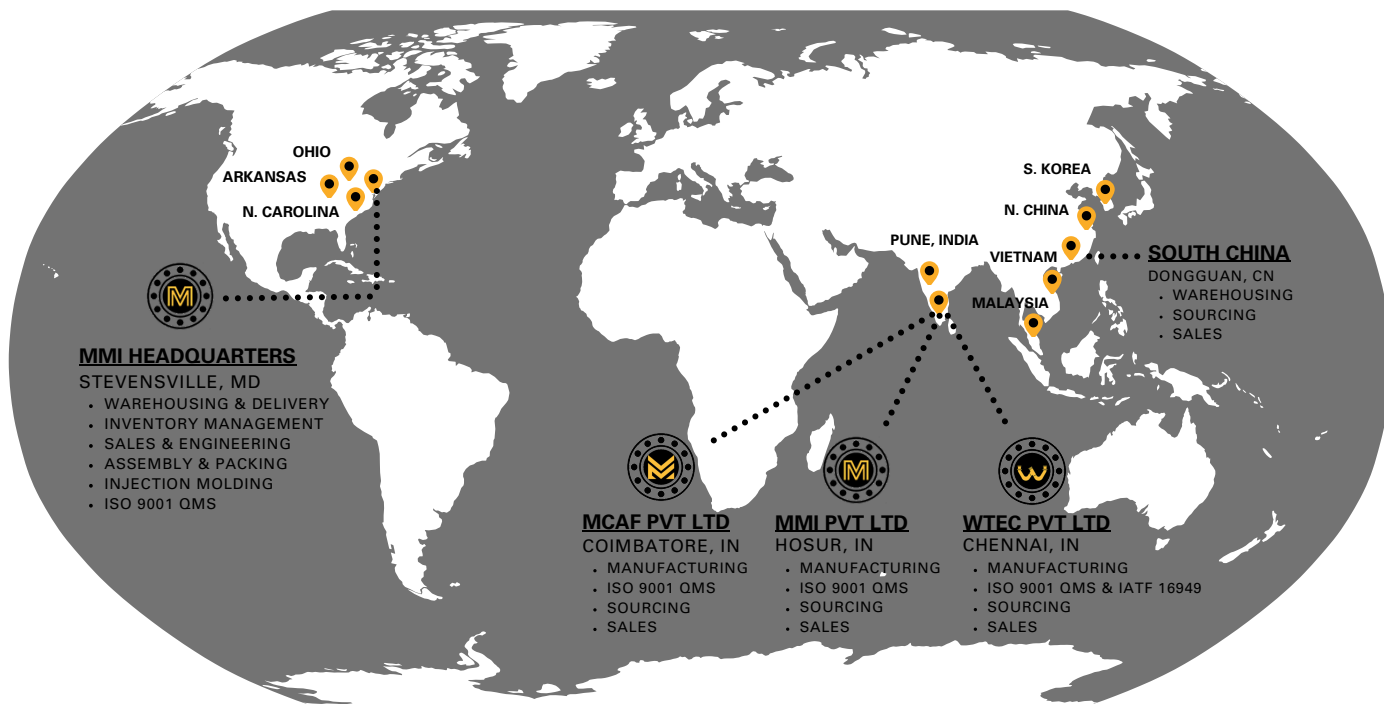
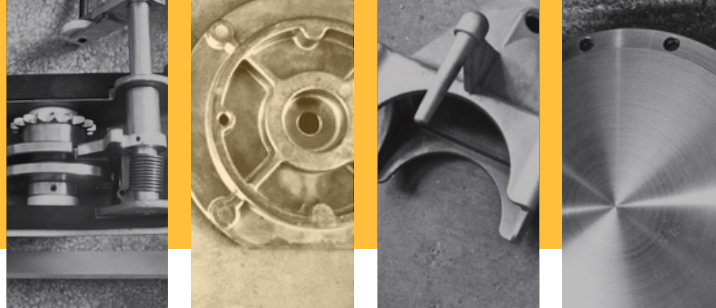
We simplify a complex, detail-driven sourcing and management process for you, handling:

Design Analysis ● Global Sourcing ● Engineering Assistance ● JIT/Kanban Supply Programs
Logistics ● Quality Control ● Field Source Specialist ● Warehousing ● Shipping



MICHIGAN MANUFACTURING
International

410-604-1400
www.michmfg.com



Michigan Manufacturing International (MMI) specializes in supplying manufactured-to-print assemblies and components to original equipment manufacturers (OEM). Our products include assemblies, castings, stampings, machined parts, gears, bearings, bushings, and more. Our services include product engineering, manufacturing, inventory management, and stocking programs. Our production and management systems are designed to streamline your operations and increase your profitability. We provide premium-quality solutions worldwide to meet your needs.

Contact us today to learn how we can create customized manufacturing solutions for your projects.



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Products

Assemblies

Assemblies are our specialty! We will work with you to determine the best mechanical process for your project to ensure solid, fail-safe construction. MMI does more than the assembly itself. We are a full-service provider and will coordinate all aspects of your project, bringing together the necessary components and managing the logistics.

Processes include:

- Robotic and manual welding
- Insert molding
- Brazing, soldering, and adhesive bonding
- Snap and friction assemblies, fastener assemblies
- Swaging

Finishing / Heat Treating

The exact methods and processes we use for heat treating and finishing are determined by your project. Finishing can include any number of processes applied to the surface of your product to achieve your desired outcome, including painting and plating.

Heat treating processes include:

normalizing, annealing, tempering, quenching and case hardening.

Standard Products

MMI supplies standard products including:

- Precision and non-precision bearings
- Rollers
- Ball transfers
- Hardware
- Bushings
- Standard fasteners and hardware

Shaping

MMI creates custom parts through a variety of shaping processes, depending on the project requirements. Shaping can involve the molding or casting of metals, including aluminum, zinc, magnesium, iron, steel and bronze.

Processes include:

- Die casting
- Investment casting
- Permanent mold casting
- Sand casting, up to 400 ton part weight
- Forging, up to 350 ton part weight

Secondary processes include:

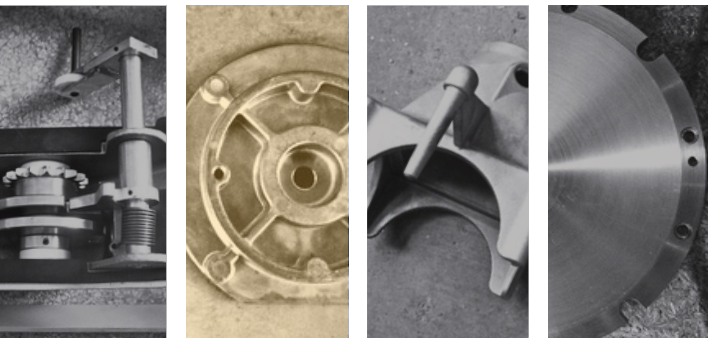
- Machining
 - Turning
 - Milling
 - Boring
 - Tapping
 - Broaching
 - Sawing
 - Reaming
- Electric discharge machining
- Cutting
 - Laser
 - Water jet
 - Turret press
 - Plasma

MMI offers a variety of methods to shape plastic parts, including:

- Injection molding
- Thermoforming
- Blow molding
- Rotational molding

Any Project – Large or Small

We make assemblies and components that range in size from miniature machined parts that weigh a few grams to sand castings that weigh several tons.



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Improve your operations with MMI's newly expanded Supply Chain Management Experience.

We will provide local management of your pre-existing supply base. The services we offer include:

- Initial Supplier Quality Survey
- Quotation and Purchase Order Management and Negotiation
- Quality Planning
- Sampling/ PPAP (Production Part Approval Process)
- Process Evaluation & Control / Remote Monitoring
- Final Inspections
- Logistics Management

Capabilities/Services

Manufacturing

MMI has over thirty years of experience making mechanical assemblies and components. We collaborate with our customers to engineer the most cost effective premium-quality solutions to meet their unique requirements. MMI has three ISO 9001:2015 and one IATF 16949 certified manufacturing facilities. We have a fully robotic and automated injection molding line in our domestic plant and a mechanical assembly line in our India plants. We have virtually unlimited capabilities through our global network of certified manufacturing partners.

Engineering

MMI provides engineering expertise to ensure your products are designed and manufactured to your requirements, from the concept stage to final production. We work in all 2D and 3D computer-aided design formats.

Domestic & International Sourcing

MMI has a network of trusted partners across the globe, including facilities in the U.S., Mexico, China, India, Korea, and Vietnam. Our sourcing specialists will analyze your project to determine the best sourcing options. We qualify our suppliers and monitor the production process from start to finish, and provide in-country quality control at every step. We inspect all products before they leave the manufacturing floor, and we manage shipping logistics to ensure safety, timeliness, and cost-effectiveness.

Stocking Programs

MMI offers warehousing and stocking programs that allow customers to manage inventory flexibility without incurring carrying costs or losing warehouse space. Our services allow our customers to focus on core values and expansion.

MMI warehouses are located in the U.S., India, and China. We support Just-In-Time (JIT), Kanban, and consignment delivery systems. All of MMI products and services are customizable and designed to reduce costs and eliminate waste.



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