National Tooling and Machining Association www.ntma.org





Economic Impact

- Our \$40 billion industry employs 44,000 workers in 16,000 companies across the nation.
- Precision tooling & machining shops are primarily small businesses, located in all 50 states, with large concentrations in Michigan, Ohio, Illinois, California, Pennsylvania, Texas, Indiana and Wisconsin.
- Manufacturing jobs create three to five times more secondary employment than does a service industry job.
- Skilled jobs can command salaries in excess of \$60,000/yr., provide benefits, economic stability and generate sales taxes.
- For every manufacturing dollar created, an extra \$1.50 is generated in other activities.
- 75% of U.S. exports are manufactured goods, fostering economic growth and taxes.

Markets Served

We provide valuable services and products to these vital industries.

- Defense
- Automotive
- Aerospace
- Energy
- Appliance
- Printing
- Electronics
- Medical
- Construction

Precision Custom Metalworking

Everything manufactured starts with tooling and machining

The precision custom tooling and machining industry plays an indispensable role in the manufacturing process. Our industry produces high-quality precision crafted parts, assemblies and tooling for today's global industries, such as automotive, medical, telecommunications, energy and defense – to name just a few. Every manufactured product must come through this industry for the parts to produce the final assembly or product. Precision machining and tooling is truly the backbone of modern manufacturing.



What we do

Toolmakers craft precision dies and molds that are used to cut, shape and form metal and other materials. The parts made from these precision dies and molds are used to produce complex components for every manufacturing sector. These companies may produce large quantities of one part, small batches or one-of-a-kind items to meet precise specifications from their customer.