

Advanced Innovative Manufacturing, Inc.
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A.I.M. manufactures parts in our 105,000 sq. ft. facility. Our diversified customer base includes the following industries: agriculture, communication, construction, consumer goods, electronic components, energy, excavating equipment, food equipment, locomotive, medical, retail, security, transportation, and trucking.

Quality Policy

A.I.M. is ISO Certified and focuses on efficiency, quality, and on time delivery

A.I.M. manufactures the highest quality parts to meet your expectations and drive industry standards forward

A.I.M. is committed to customer satisfaction and meeting requirements through teamwork and continual improvement of our products, processes and services.

A.I.M.'s Production Equipment

7000 Trumpf Tube Laser

Machine Capabilities

- 10" Maximum Diameter
- 1/2" Minimum Diameter
- .38" Steel
- .38" Stainless
- .38" Aluminum
- Cut & Etch



Fiber Lasers w/Automation

30K w/Automation
12K w/Automation
10K w/Automation
6K Fiber Laser

Machine Capabilities

- 1" Steel
- 1" Stainless
- 1" Aluminum
- .375" Brass
- .375" Copper
- Cut & Etch



VF-4SS Haas Machining Centers & Bridgeport Mill

Machine Capabilities

- 20" x 50" Bed
- 25" Z Travel
- 12,000 RPM Spindle
- 833 imp Max Cut Speed
- 1400 imp Max Travel Speed



Press Brakes

TruBend Robotic 7000 Cell **5230, 7036 & 7050** Machine Capabilities

- 127" Wide Flange
- 260 Ton Capacity
- 120" Wide flange on 1/4" steel



LISSMAC Deburring **Large & Small Machines** Machine Capabilities

- 6" x 2" Minimum Blank Size
- Edge Rounding & Deburring



Laser Cutting Specialist

A.I.M. utilizes the latest state of the art Eagle & Trumpf Fiber lasers that achieve customer accuracy & desired finish quality

Press Brake Specialist

A.I.M. utilizes latest state of the art Trumpf press brakes with 260 ton capacity to bend & shape laser blanks with one of the fastest and most accurate Robotic press brakes so parts will be ready for your fabrication, production, and assembly needs.

Finishing

A.I.M. utilizes LISSMAC equipment for deburring, edge rounding, and finishing to provide superior finish to lasered parts

Mechanical Fasteners

A.I.M. utilizes the Haeger 824 Window Touch 4e pem machine with 10 ton capacity capable of installing multiple size and style of pems for innovative applications to save time & money in customer assembly process

Welding Equipment

A.I.M. utilizes Weldbot Robotic Welding Systems including the Fronius TSP 500I CMT Water-cooled Welding System to provide superior welding finishes. **A.I.M.** utilizes Lincoln Electric MIG & TIG Welding equipment to cover welding needs.

Quality Control Measuring Equipment

A.I.M. utilizes the Planar Model: 370.5 with Surfscan which is the world's fastest 2 D measurement and reverse engineering system that measures parts up to 92" x 61" within .00197". **A.I.M.** also utilizes the FARO Edge 7 Axis Laser Scanning Probes – that enables us to measure complicated parts to .001"