

ATLAS

PRECISION SHEET METAL FABRICATION

atlasmg.com

CAPABILITIES

Our Systems & Capabilities

STATE-OF-THE ART SYSTEMS

Atlas is one of the most innovative manufacturing companies in the Midwest. We are the secret weapon for clients in industries like HPC Hardware, biomedical, retail and food services.

We have the most advanced best in class machines and technology in the industry, but we also have legacy knowledge. The right tools combined with skilled craftsmen is what ensures unparalleled efficiency, quality, and turnaround time through unattended lights-out operation.

Everything We Do

Our team fabricates complex precision sheet metal assemblies delivered across continents. As a global supplier, our customers choose Atlas because we consistently produce high tolerance cosmetic parts and assemblies. They can rely on predictable quality when delivered to their facilities anywhere on the globe.

LASER CUTTING AND ETCHING

Lasers provide fast and accurate two dimensionally cut shapes. Our fiber lasers cut ferrous and non-ferrous materials in addition to red metals of brass and copper.

SHEET METAL FORMING

We make superior parts and products with our best-in-class equipment and knowledgeable employees. Our Bystronic press brakes are also complimented with robotics.

SHEET METAL PUNCHING

With our TRUMPF Punching Centers, Atlas offers the highest quality and fastest automated punching services in any market.

ROBOTIC WELDING

We use value stream mapping to ensure that parts arrive to our welding robots which means continuous product flow.

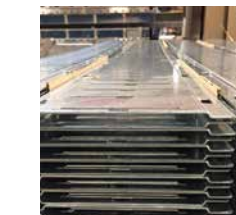
WELDING

Our cross trained staff combined with work cells create a flexible welding assembly environment that can support any fulfillment options.

COSMETIC FINISHING

We do In-House Powder Coating, Metal Component Finishing, and have a broad array of partners for services from anodizing to electro-polishing.

Industries We Serve



OEM METAL FABRICATION

When selecting a fabricator to take your product from print to production, choose a partner that will add value beyond simply meeting specifications.



COMPUTER/HIGH TECH

From the design process to the final inspection, our engineers carefully design and manufacture solutions to meet our clients' needs from prototype to final production.



FOOD SERVICES PREP & STORAGE

Our customer service and delivery teams recognize that in this industry orders fluctuate, product life cycles are short, and pricing is critical.



POP DISPLAYS

Our engineers will work with you to ensure that your concepts translate into attractive, functional products that meet or exceed your specifications.



ENCLOSURES

We have extensive experience manufacturing for the world's most advanced computing companies, portable power and industrial applications.



ON-SITE PROBLEM SOLVING

Our design team augments our customers' engineering teams and focuses on the complete fabrication solution, providing the OEM with a broad reach of alternatives.

A LEGACY OF INNOVATION



For over 60 years, Atlas Manufacturing has ensured a smooth and effective transition of leadership, maintaining an unbroken focus on excellence in metal fabrication for our niche markets. Under the stewardship of CEO Brett Bohlander, with the integral support of Mark Engel—an industry veteran with 25 years of experience—and our dedicated management team, we continue to champion innovation and the meticulous management of rigorous production schedules. Our team is adept at seeking and overcoming challenges that refine and advance our organizational strength and experience.

Shaping The Metal Behind Your Brand

CASE STUDIES & LOCATIONS

Our Systems & Capabilities

LEADERSHIP MATTERS

We create solutions that work and function flawlessly. We apply the art of engineering and the craft of fabrication. Innovation happens because we are always asking how our solution can be the best possible up to the final test.

FACILITIES & LOCATIONS

MINNEAPOLIS MN

- 80 PERSON STAFF
- 5 X 18 PRODUCTION
- 60,000 SQ. FT. FACILITY
- IN-HOUSE POWDER COAT
- LOCATED IN THE HEART OF MINNEAPOLIS
- NETWORK OF SECONDARY PROVIDERS

CHIPPEWA FALLS WI

- BUILT IN 1982
- 30 PERSON STAFF
- 5 x 18 PRODUCTION
- 17,000 SQ. FT. FACILITY
- SPECIALIZATION IN HIGH TOUCH STAINLESS ASSEMBLIES AND WELDMENTS

ATLAS



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THE PRODUCTS WE MAKE



HIGH PERFORMANCE COMPUTING

Atlas was approached by a large HPC company to participate in a new product launch. The project required installing printed circuit boards into complex chassis arrays. Once assembled, all elements of the HPC were assembled into a rack system and shipped to the customer for final product configuration, test, trim, and pack.



ADVANCED STORE FIXTURE DISPLAY

A prominent store fixture company sought design and finishing guidance from Atlas, and cost was a critical element. Atlas suggested changing the fabrication method from a tubular weldment to sheet metal. By understanding the customer goals, we were able to eliminate 32 inches of weld from the manufacturing process.



BATTERY TRAY MOUNT

Atlas recently worked with well-known automotive specialist, developing a new lightweight battery tray mount. This light weight tray provides a performance advantage by replacing the OEM battery tray with a lightweight unit. By doing this, it removes 19lbs off of the nose of the vehicle, which can have a noticeable effect on weight transfer, cornering, and acceleration.

OUR PROCESS

We have a simple streamlined process by asking questions and providing answers. We work closely with our clients every step of the way to ensure all needs are met.

Complex Metal Sourcing Simplified

Discovery



- Ask Questions
- Listen & Understand
- Study Solutions

Design



- Part & Assembly
- Design for Manufacturability
- Manufacturing Process Flow
- Program Requirements

Prototype



- Move to Production Floor
- Measure Part Conformance
- Measure Process Compliance

Approval



- First Article Inspection
- In Process Quality Checks
- Final Part Approval

Production



- Mass Customization
- ISO Certified Quality
- Production Management
- Inventory Management
- Cost Management
- Kanban, Vendor Managed Inventory