

MXY Machining Delivers Advanced Precision Manufacturing Solutions Across Multiple Industries

Leading manufacturer offers comprehensive CNC machining, 3D printing, sheet metal, and injection molding services for precision parts.

NEW YORK, NY, UNITED STATES, February 17, 2025 /EINPresswire.com/ -- MXY Machining, a leader in advanced manufacturing solutions, delivers comprehensive precision manufacturing services across multiple technologies. With state-of-the-art facilities and expertise in CNC machining, 3D printing, [sheet metal fabrication](#), and [injection molding](#), we serve diverse industries including aerospace, medical devices, and automotive sectors.



“

We blend innovation and craftsmanship to redefine precision machining. Driven by engineering excellence and client commitment, we invest in technology to build a reliable machining legacy.”

Patrick Zhu

"Our customers' success drives us forward, and we understand that every custom part is more than just a component," states Patrick, CEO of MXY Machining. "We approach each project with dedication and attention to detail, ensuring we exceed expectations while maintaining the highest quality standards."

Comprehensive Manufacturing Capabilities:

CNC Machining

Our state-of-the-art [CNC machining Service](#) capabilities

deliver unparalleled precision across diverse manufacturing needs. We excel in 5-axis precision milling, enabling the creation of intricate geometries with exceptional accuracy, while our high-precision turning operations feature advanced live tooling for comprehensive part production. From large-scale projects utilizing our impressive 80" x 48" x 24" machining capacity to micro-precision work achieving features as fine as 0.020", we handle projects of any scale. With

expertise in processing over 60 different metals and plastics, we ensure the perfect material match for every application.

Advanced 3D Printing

Our cutting-edge 3D printing technologies offer comprehensive additive manufacturing solutions for diverse production needs. We leverage Selective Laser Sintering (SLS) for robust, production-grade plastic parts, while our Direct Metal Laser Sintering (DMLS) capability delivers high-performance metal components with complex geometries. For applications requiring exceptional detail and surface finish, our high-resolution Stereolithography (SLA) technology provides superior results. When high-volume production is needed, our Multi Jet Fusion (MJF) system ensures consistent, rapid manufacturing at scale. Additionally, our Carbon DLS™ technology specializes in producing functional, production-grade elastomers with exceptional material properties.

Sheet Metal Fabrication

Our sheet metal fabrication capabilities combine precision with versatility. We process sheets up to 5' x 10' using advanced laser cutting and waterjet services, while our brake forming extends to 14' lengths. With welding and assembly services handling thicknesses from 0.024" to 0.250", we deliver complete fabrication solutions for projects of any complexity.

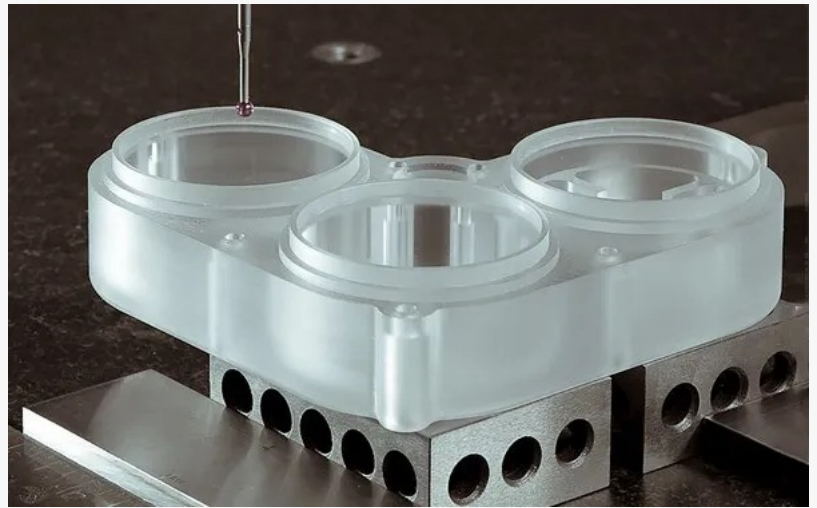
Injection Molding

Our injection molding services span from rapid prototyping to high-volume production runs, utilizing complex multi-cavity tooling for maximum efficiency. We offer insert molding and overmolding options across a wide range of engineering-grade resins, ensuring optimal material selection for every application.

Quality Assurance



MXM MACHINING



Precision CNC Milling

Operating within AS9100D and ISO 9001:2015 certified facilities, we maintain rigorous quality standards through automated inspection reporting and real-time metrics tracking. Our comprehensive quality system provides full material traceability, detailed certification documentation, automated inspection reporting, and real-time quality metrics tracking. Our proven track record demonstrates our commitment to excellence, with a consistent first-article acceptance rate of 99.7%. We have achieved significant cost savings for our clients on complex parts while maintaining accelerated delivery times through efficient manufacturing processes.

Industries Served

We proudly serve aerospace, medical device manufacturing, automotive, general engineering, defense, and electronics industries. From rapid prototyping to production-scale manufacturing, MXY Machining combines advanced manufacturing techniques with rigorous quality control to deliver precision parts that meet the most demanding specifications. Our expert team works closely with clients to understand their unique requirements and provide optimal manufacturing solutions.

About MXY Machining

MXY Machining has established itself as a trusted partner in precision manufacturing, serving diverse industries with comprehensive manufacturing capabilities. Our network of certified facilities provides services ranging from rapid prototyping to production-scale manufacturing, ensuring consistent quality and reliability across all projects.

Contact Information

For more information about MXY Machining's advanced manufacturing solutions, visit us at <https://mxymachining.com/> or email patrick@cnc-machiningservices.com. Our expert team is available 24/7 to assist you in bringing your precision machinery projects to life. Copy

Patrick Zhu

Mxy Machining

+86 13267261491

mxy@mxymachining.com

Visit us on social media:

[LinkedIn](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/786280350>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2025 Newsmatics Inc. All Right Reserved.