



Achieve New Heights
With Our Innovative
Manufacturing
Technologies



The Full Solution

ADDMAN specializes in the aviation sector, where individuals aspire to push the limits of flight, transform air transportation, and innovate in aircraft manufacturing. As leaders in comprehensive aerospace manufacturing solutions, we play a key role in enabling technological advancements and innovations in air transportation. Our advanced technologies, ranging from lightweight materials to comprehensive manufacturing capabilities, empower you to realize your aspirations in the aerospace industry. With ADDMAN as your partner let us help you aim high, push boundaries, and elevate your aviation components to new heights!

Any part. Any volume. Every step of the way.



Aerospace Ducting: Choosing the Right Material

Ducting is a crucial component that helps to channel air or fluids from one place to another, and the choice of material depends on the pressure and temperature of the fluids being transported. Metal ducting, made of aluminum or titanium, is preferred for high-pressure applications, while polymer ducting is suitable for low-pressure situations. However, porosity is a critical issue that can negatively impact the performance and safety of the duct components. A customer was able to produce air intake duct parts with Fused Deposition Modeling (FDM) technology at a 15% lower cost than the customer's legacy Multi Jet Fusion (MJF) production methods. In addition to the cost savings, the FDM parts were also 70% stronger and 100x less porous, resulting in improved performance and durability.

Learn more at www.addmangroup.com/3d-printed-ducting

CAPABILITIES

In the space industry, manufacturing complex parts in low volumes is the norm. ADDMAN offers a comprehensive range of manufacturing services backed by cutting-edge technology and a team of experts who prioritize quality, precision, and efficiency. From the development of refractory metal thrusters and nozzles to precision machining of the toughest materials, we offer a complete range of services that enable you to launch assets into orbit, propel them, and protect them while traveling at hypersonic speeds.

CERTIFICATIONS

- ITAR Registered
- AS9100
- ISO 13485
- ISO 50001
- ISO 9001
- ISO 14001
- ISO Class 8 Clean Room



Additive Manufacturing

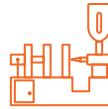
Our additive manufacturing services use cutting-edge technologies to produce high-quality components with exceptional accuracy and precision. From metal to polymer we can produce functional prototypes, low-volume production parts, and bespoke designs.

METAL

- Titanium
- Aluminum
- Inconel 718
- Niobium
- Haynes 230
- GRCo42

POLYMER

- Ultem
- PEEK
- PEI
- TPU



Traditional Manufacturing

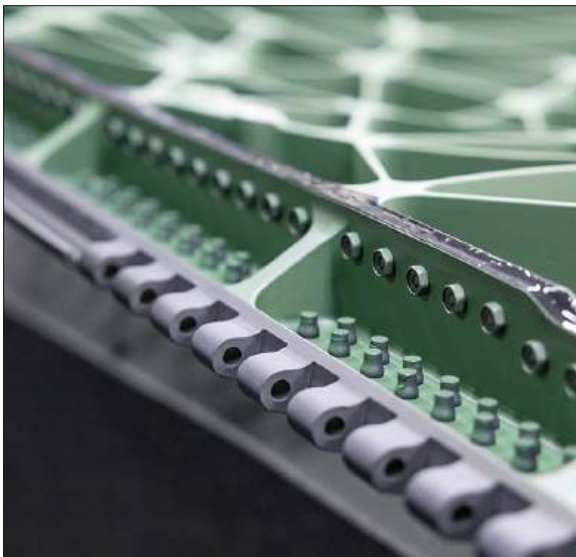
ADDMAN customers utilize traditional manufacturing services like CNC machining and injection molding, to receive high-precision, complex parts for various commercial space applications.

CNC

- Aluminum
- Copper
- Inconel
- Tungsten
- Titanium
- Stainless Steels

INJECTION MOLDING

- Thermoplastics
- Nylons
- Polycarbonate
- Bioresins
- Isoplast™
- EcoMass™



Cleared For Takeoff: Aero Frame Structures

Aero frame structures refer to the complex assemblies and components that make up the framework of an aircraft. Manufacturing these structures require a high degree of precision and expertise, particularly when dealing with large and intricate parts. We have a long history of machining such parts, including panels, doors, and splice straps for some of the most well-known fighter jet models. From design through production to testing, our team of skilled technicians and engineers work closely with customers to ensure that the aero frame structures we deliver meet the highest standards of precision and performance, reflecting our commitment to quality.

* Complete material list available upon request.



Aerospace solutions with precision.

At ADDMAN, we are committed to excellence in every aspect of our business. We strive to provide the highest quality products and services, ensuring that your journey toward efficient and effective aerospace component production is a success.

If you're ready to take your manufacturing process to the next level, trust ADDMAN to help you achieve your goals.

Contact us today to learn more.

addmangroup.com

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POLYMER | ADVANCED METALS | PRECISION