



addmangroup.com

THE FULL SOLUTION OFFERING:



Metal
Additive



Polymer
3D Printing



Injection
Molding



CNC
Machining



Engineering
Services



Quick-Turn
Parts



Full
Assembly

TAKE OFF TO TOUCHDOWN

Revolutionizing UAV Technology: Manufacturing Beyond Expectations

At ADDMAN, our expertise lies in providing precision parts and components customized for a wide array of drone applications, including military, security, cinematic, and racing sectors. With an in-depth understanding of the intricacies of drone technology, we are equipped to meet your specific needs.

EXPERIENCE AND EXPERTISE:

Our team focuses on understanding the critical aspects of your operations. Equipped with an extensive range of manufacturing services, we are poised to guide your drone projects from inception to completion, ensuring success from takeoff to touchdown.

APPLICATIONS:

- Propellers, Rotors, and Wings
- Shells & Base Stations
- Military and Security Drone Parts
- Photography and Cinema Drone Parts
- Racing and Competition Drone Parts
- Complex Structural Parts

CERTIFICATIONS: ITAR Compliant | ISO 9001 / AS9100 | ISO 50001 | NIST 800-171 Compliance | Exostar 3.55

COMPANIES WE WORK WITH:



CAPABILITIES

Ambition has no limit, either in scope or reach. ADDMAN provides manufacturing solutions across infinite horizons through innovation and engineering expertise. Complete lists available upon request.

Metal Additive

- 3D Systems ProX DMP 320
- Additive Industries MetalFAB1
- EOS M400-1, M400-4, M290, M280, M270, M100
- GE Additive Concept Laser M2
- Nikon SLM Solutions 280
- VELO 3D Sapphire, Sapphire XC

Injection Molding

- Arburg 370 Golden Electric 66-ton
- Arburg Allrounder 630 A 280-ton
- Fanuc Roboshot S-2000i 55-ton
- Fanuc Roboshot S-2000i 100B 110-ton
- Fanuc Roboshot S-2000i 150B 165-ton
- Fanuc Roboshot a-S330iA 358-ton
- Sumitomo Electric SE100D 100-ton
- Sumitomo SE500EV-A-HD 562-ton

Post-Processing

- Anodizing: Titanium | Teflon | Hard Chrome Sulfuric Acid
- Powder Coatings
- Plating: Zinc | Chromium | Nickel Copper | Gold
- Dry Film
- Black Oxide
- Passivation: Nitric Acid | Citric Acid
- Shot Peening
- Heat Treating
- Penetrant Inspection
- Non-Destructive Testing
- Pickle and Oiling
- Lubricants
- Polishing | Electropolishing
- Masking | Brushed Masking
- Annealing | Isothermal | Stress Relief
- Primer / Paint Application
- Chemfilm / Chromate Conversion
- Bead Blasting

3D Polymer Printing

- 3D Systems ProX 320, ProX 800
- 3D Systems SLA-5000, SLA-7000
- 3D Systems Viper
- Aextra Lumia X1
- Carbon 3D L1, M2, M3
- Formlabs 3BL, Form 2, 3, 3L, Fuse1
- Fusion3 F410
- HP 4200, 5210, 5420
- Markforged Mark 2
- Nexa 3D XiP
- Roboze Argo 500
- Stratasys 360, 400, F370, NEO 800, 400 MC, 450 MC
- Titan Atlas 2.5

CNC Machining

- 3-7 Axis Vertical CNC Machines
- 3-5 Axis Horizontal CNC Machines
- Turning/Milling Centers
- CNC Lathes
- CMM Centers
- Drill EDM
- EDM Press
- Friction Stir Welding

MATERIALS

We have over 30 years of experience in material and parameter science. Understanding and isolating process variables allow us to show improved strength, density, and fatigue resistance. Complete lists available upon request.

3D Printing Metals

- Core Capabilities
- Aluminum Alloys*
 - Nickel Alloys *
 - Niobium C103
 - Steel Alloys*
 - Titanium Alloys*

Available Upon Request

- Cobalt Chrome
- Copper Alloys*
- Rhenium
- Tantalum
- Tungsten

*Select alloys available

3D Printing Polymers

- Carbon Matrix Composite
- Polymer Matrix Composite
- HexPEKK
- ABS & ABS-Carbon Fiber
- Ceramic Resin
- Elastic 50A
- ESD Resin
- Flexible 80A
- Nylon 11,12
- PC-Glass Filled
- Polycarbonate
- Polypropylene
- Rigid 10K, 4000
- TPU

CNC Metals

- Aluminum
- Brass
- Copper
- Graphite
- Hastelloy
- Invar
- Kovar
- Molybdenum
- Inconel
- Stainless Steel
- Titanium
- Tungsten

Thermoplastics

- ABS
- Nylon
- Polycarbonate
- TPU
- Bioresins
- Isoplast™
- Filled: carbon, glass, metal
- EcoMass™
- PEEK
- Radel™
- Stanyl™
- Ultem™
- Thermally-conductive, Electric and dielectric