



THE FULL SOLUTION OFFERING:



Metal Additive



Polymer 3D Printing



Injection Molding



CNC Machining



Engineering Services



Quick-Turn Parts



Full Assembly

ENGINEERED FOR SPEED. BUILT FOR SCALE.

Accelerating EV Development From Concept to Production

Our full-service capabilities — metal additive, polymer 3D printing, injection molding, and precision CNC machining — enable OEMs to accelerate development and production of electric vehicles.

From prototype validation to full-scale manufacturing, we deliver precision components and assemblies that improve performance, reliability, and speed to market.

EXPERIENCE AND EXPERTISE:

With deep expertise in advanced manufacturing, ADDMAN helps OEMs move EV programs from concept to production faster.

We manufacture lightweight structures, powertrain housings, or thermal management systems engineered to perform under pressure and scale with demand.

APPLICATIONS:

- Battery enclosures
- Under the hood components and housings
- Wind tunnel testing parts
- Door liners, gaskets, and seals
- Front end components & grilles
- Body panel models
- Structural and chassis supports
- Powertrain and inverter housings
- Tooling, jigs, and production fixtures

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