



SPACE

Precision and Reliability for Mission Success

Re:Build Manufacturing combines engineering excellence with advanced manufacturing capabilities to deliver high-performance solutions for the space industry. With expertise ranging from precision design and analysis through production, we develop mission-critical components that withstand the extreme conditions of space. Our expertise helps customers reduce risk, enhance performance, and accelerate project completion, ensuring every solution meets the rigorous demands of launch, orbit, and deep-space exploration.

Key Capabilities

- Composite Structures and Mechanical Systems
- Systems Analysis and Requirements Development
- Structural Design, Composite Materials Processing, and Configuration Development
- Sheet Metal, Hot Formed Titanium, Thermoplastics, and 3-, 4-, and 5-Axis Machined Metallics
- Automated Production Systems
- Fabrication of Metallic and Composite Components and Assemblies
- High-temperature composite materials replacing metal alloys for lightweighting

SEGMENTS WE SERVE:

- Launch - Payload Protection
- Satellite - Low Earth Orbit (LEO)

CERTIFICATIONS AND ACCREDITATION:

- AS9100
- ISO 9001



Brain to Box™ Solutions

Re:Build Manufacturing's comprehensive capabilities encompass design, analysis, prototyping, testing, sourcing, and production manufacturing, ensuring a seamless path from concept to commercialization.

- Extensive Composite and Metallic Machining Capabilities
- Clean Room Manufacturing Space
- Engineering Development and Support
- Experienced Quality Team

Key Differentiators:

End-to-End Solutions: We offer seamless integration of design, analysis, and manufacturing of metallic and composite structural and non-structural components, battery pack and BMS solutions, product assemblies, and wire harnesses in our ecosystem for a streamlined process.

Collaborative Expertise: Our diverse expertise enables us to design with a broader perspective, delivering comprehensive and innovative solutions.

Optimized Manufacturing: Our state-of-the-art facilities and cutting-edge technologies enable efficient production of critical components and systems for both metallic and composite parts.

Agile & Scalable Production: Our flexible production capabilities are designed to scale with the evolving demands of your business, ensuring quality and on-time delivery.

Expansive Footprint: Across the United States, we have almost 1 million square feet of design, engineering, and manufacturing space.

Vetted Supply Base: Supply chain and information security are critical for all high-performance UAV projects. Our domestic supply chain and cyber security compliance measures ensure reliable quality, streamlined production timelines, and enhanced overall product integrity to meet all necessary standards.

LOCATIONS:

- Avon, Ohio
- Denver, Colorado
- Rock Hill, South Carolina
- Framingham, Massachusetts
- New Kensington, Pennsylvania

CONTACT US OR VISIT OUR WEBSITE:

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