



MOBILITY

Enabling a New Generation of Mobility

Re:Build's expertise in materials processing, electrification, smart systems, and advanced manufacturing is integral to the development of leading-edge, sustainable mobility technology. Whether you're just getting started, ready to scale up, or an established leader, we are able to rapidly identify more opportunities and solutions for you.

Key Capabilities:

- Embedded Software Systems
- Battery Management Systems
- Battery Enclosures
- CPAs (Charge Port Assembly)
- Structural Components
- Engineering Design
- Prototypes Through Large Scale Production
- Battery Pack Assembly and Testing
- Durability and Safety
- Manufacture of Safety-Critical Components – Landing Gear, Blades, etc.
- Cost Effective, Advanced Thermoplastic Wheels
- Tubular and Frame Solutions

SEGMENTS WE SERVE:

- Automotive & Electric Vehicles
- Marine & Recreational Vehicles
- Urban Air Mobility
- Micromobility

LOCATIONS:

- Avon, Ohio
- Denver, Colorado
- Kalamazoo, Michigan
- Nashua, New Hampshire
- New Kensington, Pennsylvania
- Rochester, New York
- Rock Hill, South Carolina

CONTACT:

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Why Re:Build?

Collaboration among our companies and with our customers is key to our success in rekindling American manufacturing. Re:Build Manufacturing is comprised of highly specialized, intensely collaborative companies that have the capability to take a product from concept to completion, without compromising quality, affordability, or ethics. This strategy enables us to become an extension of your team, which enhances the overall collaborative experience.

Here are some of the ways we've collaborated with our customers to help them achieve success:

- Developed a hydraulic-hose pressure test system
- Designed a driveshaft torsion test system
- Designed a composite airframe for an unmanned aircraft
- Developed lightweight fire-resistant battery boxes
- Developed low-cost, high-production-rate rotor blades
- Customized an automation process for fuel cell manufacturing

Highlighted Customers:

- Bennington
- Elroy Air
- Invacare
- ITC
- Optivolt Labs
- Packard Performance
- Polaris
- Pure Watercraft
- THK



PROJECT HIGHLIGHT: *Antium™ Thermoplastic Composite Wheels*

Antium combines continuous fiber-reinforced thermoplastic materials with a unique, high-pressure stamp-forming process to create highly structural, damage-tolerant composite components. Antium technology is ideally suited for the offroad wheel market and addresses the challenges that thermoset materials cannot.

FIND OUT MORE:

