



## A Flexible, Collaborative Manufacturing Partner

Re:Build New Kensington provides advanced manufacturing, precision machining, integration, and assembly solutions in a highly collaborative, transparent model. We combine traditional “hard tech” manufacturing processes, digital tools, and purpose-built software with a relentless commitment to continuous improvement to deliver value to our customers. Our 175,000 square-foot state-of-the-art facility offers a wide range of manufacturing capabilities to deliver high-performance, mission-critical electromechanical systems or sub-systems for customers across a range of industries.

Re:Build Manufacturing provides a fresh and uniquely transparent approach to contract manufacturing. We believe transparency and collaboration with our customers creates a unique opportunity for us, and for our customers, to win together. In addition to our core competencies in manufacturing, our “brain to box” capabilities help our customers with comprehensive support throughout the entire product lifecycle, guided by our principles of partnership, transparency, and continuous collaboration.

Re:Build is built on a foundation of transparency and collaboration, reinforced with software and digital manufacturing tools to deliver faster, and for a lower total cost, than ever before. We also utilize a unique supply chain process that relies on internally sourcing components when possible, and on building healthy, win-win partnerships with local and regional suppliers essential for manufacturing complex electromechanical assemblies.

By bringing together multi-disciplinary design and engineering, software, digital monitoring, and traditional manufacturing processes, Re:Build is leading a new industrial revolution in the United States.

### INDUSTRIES SERVED:

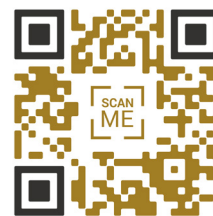
- Aerospace & Defense
- Cleantech
- Health
- Industrial Equipment
- Mobility

### LOCATION:

📍 225 Schreiber Industrial Park,  
New Kensington, PA 15068

### CONTACT US OR VISIT OUR WEBSITE:

[info@rebuildmanufacturing.com](mailto:info@rebuildmanufacturing.com)



## Our initial in-house capabilities include precision machining, welding, and assembly services, including:

- 3-axis/4-axis/5-axis CNC machines and advanced turning centers
- TIG and MIG welding services
- Quality management system design/implementation
- Final system test and integration
- Assembly and packaging services
- Diverse supply chain partnerships
- Lean/Continuous Improvement culture



Precision Machining



Welding



Assembly/Packaging

## Coming Soon: Late 2024

Re:Build New Kensington will have a full portfolio of high performance thermoset and thermoplastic composite processing technologies, including a large, 30' autoclave, layup and lamination capabilities, and final machining of composite structures. This facility will have the ability to make large and complex parts and assemblies, and to provide redundancy for mission critical customers in the aerospace and defense industry.

**This site will be AS9100 and Nadcap certified.**

## Application Engineers:

Our diverse application engineering team has extensive experience in material science, structural design, precision metals machining, fabrication, and assembly of electromechanical systems. Drawn from diverse backgrounds in aerospace, medical device, automotive, and mold-making industries, our on-site team engages with customers to help them identify the best process, at the lowest cost. Additionally, Re:Build has in-house teams that specialize in the design and construction of state-of-the-art automation systems to minimize labor and maximize quality for our customers.



## Commitment to Quality:

- **Quality Assurance:** Committed to delivering high-quality products on time and within budget, we foster a culture of Right First Time and Zero Escapes through ongoing improvements with ISO9001/ AS9100 Quality Management Systems.
- **Advanced Product Quality Planning (APQP):** We align with AS9145 principles and industry best practices, ensuring thorough planning and execution of manufacturing processes.
- **Advanced Metrology Equipment:** Our manufacturing relies on digital laser scanning and automated CMM tools for tasks like prototype scanning, first-piece inspection, reverse engineering, and machine tool calibration.
- **Inspection, Measurement, & Test Equipment (IMTE):** Our Quality Control team utilizes the latest IMTE to ensure product conformance and maintain high-quality standards.

## Supply Chain Strength:

Leveraging our extended Re:Build Manufacturing network, we have stable and diverse supplier relationships to source nearly any component or sub-system for our customers. We are always seeking to collaborate with suppliers who share our dedication to transparency, quality, safety, and ethical practices to help our customers succeed. We utilize many tools to do this, including:

- Re:Build approved supplier list (ASL)
- Key vendor scorecards with ongoing improvement activities
- Multiple sourcing for risk reduction/redundancy
- Vendor-engaged supply chain planning for key programs
- Technical/metallurgical support
- Material testing for incoming and outgoing quality management