



A Flexible, Collaborative Manufacturing Partner

Re:Build New Kensington delivers advanced manufacturing, precision machining, integration, and assembly solutions through a highly collaborative and transparent approach. We blend traditional manufacturing processes with digital tools and purpose-built software while maintaining a relentless focus on continuous improvement. Our 175,000-square-foot, state-of-the-art facility supports a range of capabilities, providing high-performance, mission-critical electromechanical systems and subsystems to customers across various industries.

We believe transparency and collaboration creates a unique opportunity for us, and our customers, to win together. In addition to our core competencies in manufacturing, our Brain to Box™ capabilities allow us to provide comprehensive support throughout the entire product lifecycle.

Re:Build Manufacturing's software and digital manufacturing tools deliver solutions faster, and for a lower total cost. 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.

INDUSTRIES SERVED:

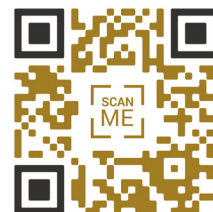
- Aerospace & Defense
- Cleantech
- Health
- Industrial Equipment
- Mobility

LOCATION:

📍 12th Street
 New Kensington Advanced
 Manufacturing Park
 Building 225
 New Kensington, PA 15068

CONTACT US OR VISIT OUR WEBSITE:

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

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

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.

