



Engineering Services USA

The Millbrook Revolutionary Engineering team is driven to generate innovative and intelligent design solutions. In addition, it delivers exemplary fabrication and engineering support services.

The engineers stay abreast of the fast-paced technological developments in the testing industry as well as changes and trends in the industries served. Operating as an extension to customer project teams, engineers are fully engaged, beginning with the design and requirements phase, all the way through installation and training.

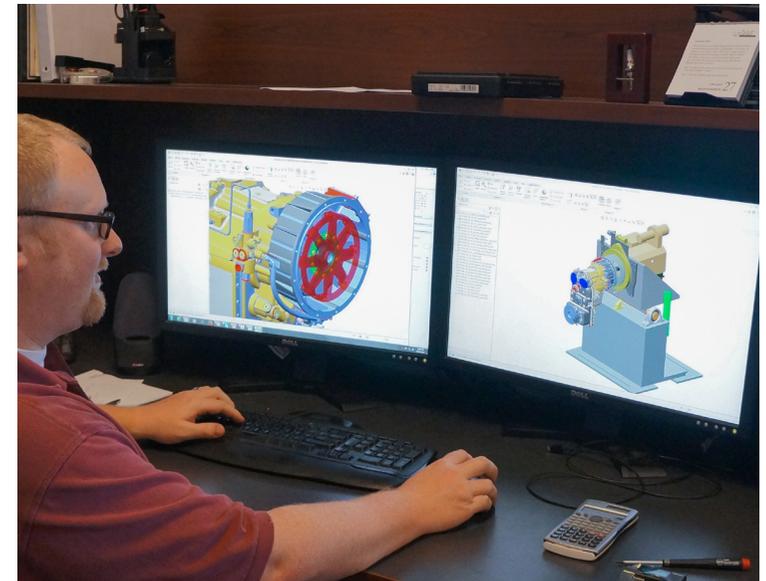
The following outlines the services within the specialties of mechanical, electrical, and controls engineering.

Mechanical Engineering

- Shaft design and fabrication
- Coupling design and fabrication
- Fixturing design and fabrication
- Guarding design and fabrication
- Structural analysis (new and existing systems)
- Custom spindle and drive train design
- Custom design and fabrication as requested
- Facility layouts

Electrical and Controls Engineering

- Electrical system design and build
- Component sizing and specification
- Motor and power conversion system design
- Full system functional checks
- Control and data acquisition design
- Remote controls support
- Test Cell Automation training



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Onsite Services

Millbrook Revolutionary Engineering's service technicians and engineers are specialists in dynamometer test equipment maintenance, servicing, and diagnostics, all performed onsite to ensure optimal system performance. The experience and knowledge with dynamometer systems and control packages enables the team to service internal systems as well as others, including current and older models. Dependable preventive maintenance can keep the systems running efficiently and head off costly downtime and repairs. The system maintenance programs include:

- Electrical inspections and repairs
- Mechanical inspections and repairs
- Auxiliary component inspections and repairs
- Calibration
- Vibration trending
- Report generation
- Oil analysis
- System refurbishments
- Equipment relocation

When a service request is submitted, Millbrook Revolutionary Engineering's technicians and engineering specialists can apply cross-over systems and components expertise to manage and solve numerous issues promptly. Whether it is systems analysis, repairs, or troubleshooting, expect a rapid response and efficient, targeted, corrective actions. Around-the-clock support is provided for customers across the globe.

