

ENGINEERING SERVICES

At UTAC, our team is driven to generate innovative and intelligent design solutions. In addition, we deliver exemplary fabrication and engineering support services.

Our engineers stay abreast of the fast-paced technological developments in the testing industry as well as changes and

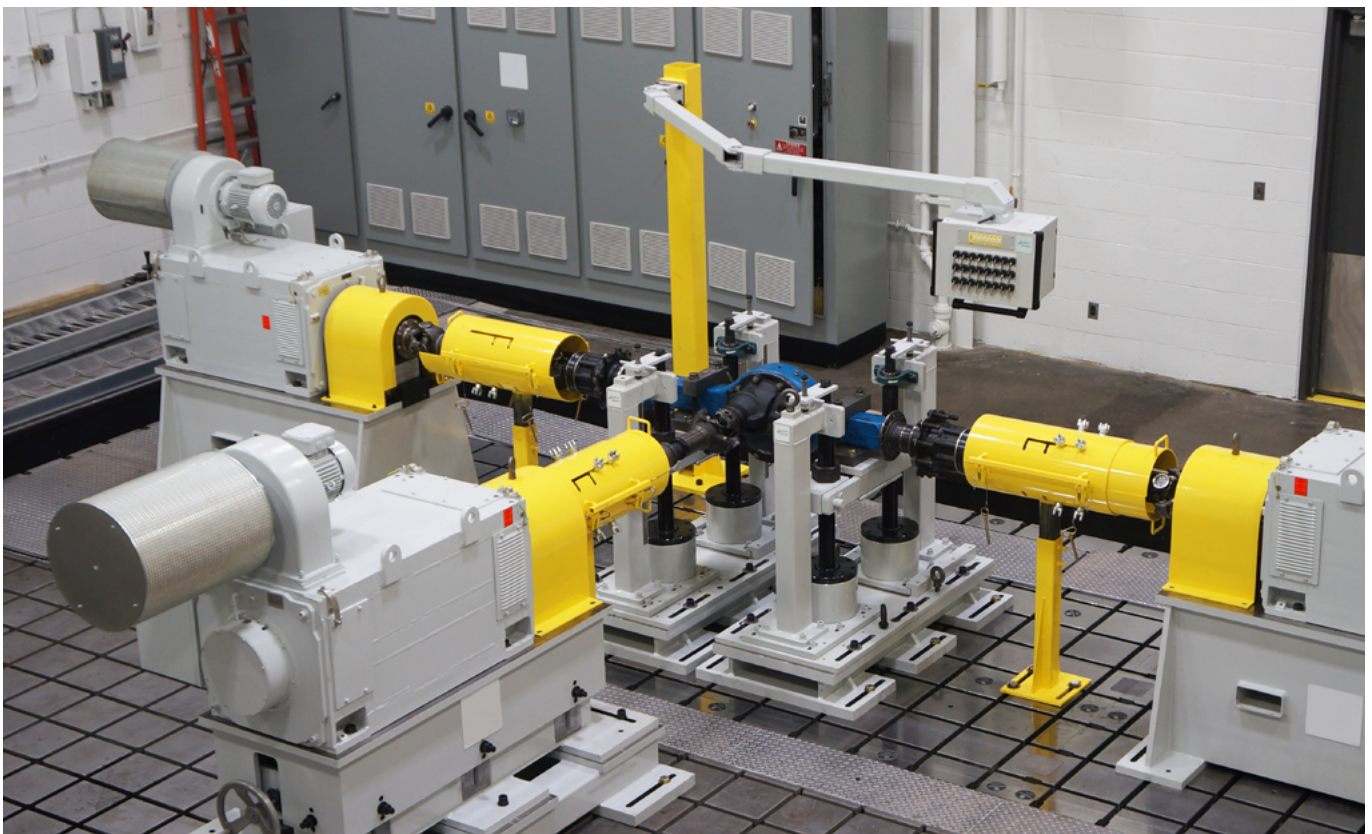
trends in the industries we serve. Operating as an extension to customer project teams, our engineers are fully engaged, beginning with the design and requirements phase, all the way through installation and training. The following outlines our services within the specialties of mechanical, electrical, 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



OUR SERVICES

Our service technicians and engineers are specialists in dynamometer test equipment maintenance, servicing, and diagnostics, all performed onsite to ensure optimal system performance.

Our experience and knowledge with dynamometer systems and control packages enables us to service our systems as well as others, including current and older models. Dependable preventive maintenance can keep our systems running efficiently and head off costly downtime and repairs.



When you submit a service request, our 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. We offer around-the-clock support for customers across the globe.

OUR 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



For more information:



contact@utac.com

Advancing Mobility **since 1924**

YOUR NEEDS

Safer

Cleaner

Regulations

Digital

Tracks

OUR
LOCATIONS

USA · UK · France · Finland · Italy · Romania
Morocco · China · Japan · Korea



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