

DUAL FUEL

Boost Efficiency with Natural Gas Blending

APPLICATION

Patterson-UTI's large Dual Fuel fleet is ideal for customers with field gas availability but may not have a guaranteed gas supply. The ability to blend fuels makes this flexible unit a logical and economical choice for multiple applications. With years of experience, Patterson-UTI is a leader in Dual Fuel capability offering not simply equipment, but experience and knowledge.



FEATURES

- Dynamic Blending Kits continuously optimize gas substitution up to 70%; while maintaining Diesel power and transient performance
- Electronic Modular Control Panels allow for intuitive graphical displays and diagnostics
- Easy flex connections on fuel line manifold for convenience during skids
- Pancake style exhaust silencer and diesel oxidation catalyst
- Fire and Gas Detection System with automatic shutoffs and additional emergency stop button locations
- Operational Support with fuel consumption analysis and savings assistance
- Pre-combustion blending of natural gas with diesel

BENEFITS

- Reduce Operating costs by displacing diesel with natural gas
- Fuel Flexibility
- Maintain maximum substitution rate over the widest load range
- Compliant with federal EPA emission standards
- Efficient equipment moving - no recalibration required
- Maintain existing service intervals and component life
- Patterson-UTI in-house experience
- Substitution rates up to 70%
- Reduce CO emissions > 90%
- Reduce NOx emission ~ 15%