

# CORTEX<sup>®</sup>

# ADAPTIVE AUTO DRILLER

Less Dysfunction, Greater ROP, Parameter Optimization

SPEC SHEET

## APPLICATION

Our proprietary CORTEX Adaptive Auto Driller offers adjusted gain settings that adapt to uncontrollable drilling variables to provide our customers with consistent performance and reduction in drilling dysfunction. This system removes the variability from Driller's behavior and uncontrollable factors to unify the drilling efficiency process across rigs and environmental settings.



## FEATURES

- Adaptive Gain Settings scaled to parameter windows
- Full integration with CORTEX Automation suite
- In-house design and support for timely customization
- Propels drilling to reach parameter set points

## BENEFITS

- Reduction in drilling performance variation caused by geologic, BHA configuration, or parameter changes
- Removal of induced parameter oscillation around setpoints
- Ability to optimize drilling with differential pressure, torque, or WOB to facilitate any drilling scenario
- Optimum response to geologic variation and eases transition zones
- Curbs drilling dysfunction to reduce wear and tear on BHA components



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