



## OVERVIEW

# CORTEX<sup>®</sup> DRILLER

*Less Dysfunction. Greater ROP. Parameter Optimization.*

## Why it Matters

Manually controlling drilling parameters creates variability, inefficiency and higher risk of dysfunction. Auto drillers stabilize weight, pressure and torque to maximize ROP, extend tool life and deliver safer, more efficient wells.

**CORTEX<sup>®</sup> Driller** automates parameter optimization with adaptive gain settings tied to rate of penetration (ROP). This approach stabilizes drilling control, reduces dysfunction and enables smoother, more efficient operations. Integrated with the full CORTEX Automation Suite, it provides consistent performance that scales across rigs and drilling environments.

## Key Benefits

### Scaled Settings

Adaptive gain schedule adjusts automatically with ROP for consistent, optimized performance.

### Precision Control

Maintains stable parameters that reliably achieve performance set points.

### Fully Integrated

Seamless integration with CORTEX Automation Suite for rig-wide optimization.



Operators Gain  
Measurable Benefits

**Reduced Dysfunction** through smooth transitions and consistent control

**Extended Tool Life** by minimizing erratic or damaging drilling behaviors

## Bottom Line

**CORTEX Driller** delivers stable, automated parameter control that reduces dysfunction, improves ROP and extends tool life—helping operations run with greater efficiency and consistency.