



## OVERVIEW

# CORTEX<sup>®</sup> OSCILLATOR

*Intuitive Pipe Oscillation for Smoother Sliding*

## Why it Matters

Static friction during sliding can reduce weight transfer to the bit and lower sliding rate of penetration (ROP). Managing this manually takes time and attention away from higher-value decisions.

**CORTEX<sup>®</sup> Oscillator** automates oscillation through controlled rotational and rocking actions from the top drive. Integrated directly into the driller's HMI, the system breaks static friction consistently, improving sliding performance while reducing drag. The result is smoother directional drilling with greater consistency, efficiency and ease.

## Key Benefits

### Improved Sliding Efficiency

Automated oscillation enhances weight transfer, leading to faster and more effective sliding.

### Seamless Control

Fully integrated with the driller's HMI for intuitive operation, monitoring and configuration.

### Customizable Logic

Independent clockwise and counterclockwise settings for both wrap counts and torque limits provide full control and adaptability.

### Unified Display

Auto Driller control, rosebud display and oscillation/orientation settings are all accessible on one screen.



Operators Gain  
Measurable Benefits

**Higher Sliding ROP** with improved weight transfer

**Reduced ILT** by minimizing friction-related interruptions

## Bottom Line

**CORTEX Oscillator** delivers intuitive, automated pipe oscillation that enhances sliding performance and helps slide with greater efficiency and consistency.