



# AUTODRILLER CONTROL SYSTEM

## AN INDUSTRY-FIRST THAT ENABLES SMOOTH DRILLING USING DIFFERENTIAL PRESSURE

H&P's advanced drawworks control system smoothly controls block velocity while regulating inputs from differential pressure, torque and/or weight on bit (WOB). The Autodriller control system accomplishes an industry-first by seamlessly transferring to/from WOB and differential pressure, while maintaining smooth drilling that doesn't require changing gain settings at the drillers console.



## A CONTROL SYSTEM THAT KNOWS WHAT IS IMPORTANT, WHEN IT MATTERS MOST.

By design, this system automatically regulates to the parameter most in control at the time (differential pressure, weight on bit, and torque) in order to maintain smooth block velocity to improve consistent bit/rock engagement. Smooth block velocity results in less axial oscillations from surface, providing a higher rate of penetration (ROP) and improved bit and downhole tool reliability.



[helmerichpayne.com](http://helmerichpayne.com)

### CONTACT US

For more information on how our Autodriller® Control System can help you achieve better drilling outcomes, contact an H&P sales representative today or contact us through our website at [helmerichpayne.com/contact](http://helmerichpayne.com/contact).

**It's time to follow through on your drilling performance potential.**

PAST PERFORMANCE IS NOT A GUARANTEE OF FUTURE RESULTS. ANY STATEMENTS REGARDING PAST PERFORMANCE ARE NOT GUARANTEES OF FUTURE PERFORMANCE AND ACTUAL RESULTS MAY DIFFER MATERIALLY.